

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

**IN THE MATTER OF THE APPLICATION)
OF PUBLIC SERVICE COMPANY OF NEW)
MEXICO FOR REVISION OF ITS RETAIL)
ELECTRIC RATES PURSUANT TO ADVICE)
NOTICE NO. 595)**

Case No. 22-00270-UT

**PUBLIC SERVICE COMPANY OF NEW)
MEXICO,)**

Applicant)

_____)

DIRECT TESTIMONY

OF

WESLEY W. GRAY

December 5, 2022

NMPRC CASE NO. 22-00270-UT
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WITNESS FOR
PUBLIC SERVICE COMPANY OF NEW MEXICO

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ATTESTATION

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I. INTRODUCTION AND PURPOSE

Q. PLEASE STATE YOUR NAME, POSITION AND BUSINESS ADDRESS.

A. My name is Wesley Gray. I am the Director of Transmission Distribution and Substation Field Operations for Public Service Company of New Mexico (“PNM” or “Company”). My business address is 4201 Edith Blvd NE, Albuquerque, NM 87107.

Q. WHAT DOES YOUR DIRECT TESTIMONY COVER?

A. My testimony describes PNM’s Transmission and Distribution (“T&D”) systems that are used to provide safe and reliable electric service to PNM’s customers. I address and support PNM’s T&D capital investment budget for the period from July 1, 2022, through the end of the Test Period, December 31, 2024, known as the Capital Investment Period. I describe and support the operations and maintenance (“O&M”) expenses for the T&D system for the Company’s Base Period—*i.e.*, the twelve months ending June 30, 2022 (“Base Period”)—as well as adjustments to the Company’s O&M expenses reflected in the Test Period. My testimony addresses the factors driving the need for the T&D capital investments and O&M expenditures, which are compliance, environment, reliability, safety, security, and system performance. I provide costs associated with the BB2 transmission project, provide support that the costs are reasonable and prudent and should be recoverable in rates, and also provide a discussion of how transmission network upgrades, like

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1 the BB2 transmission project, benefit the system. Finally, I support the rights-of-
2 way renewals included in the Test Period.

3

4 **Q. ARE YOU SPONSORING ANY RULE 17.9.530 NMAC (“RULE 530”)**
5 **SCHEDULES?**

6 **A.** Yes, I am sponsoring four Rule 530 schedules as follows:

7 • Rule 530 Schedule P-8 contains customer service interruption information
8 for PNM’s distribution system by occurrence, duration and location;

9 • Rule 530 Schedule P-9 contains transmission demand and energy line loss
10 information by voltage level;

11 • Rule 530 Schedule M-3 contains demand and energy loss factors for the
12 Base Period and Test Period; and

13 • Rule 530 Schedule P-10 contains historic reliability indices for the PNM
14 T&D system.

15

16 **Q. HOW DOES YOUR TESTIMONY RELATE TO THE TESTIMONY**
17 **PRESENTED BY OTHER COMPANY WITNESSES?**

18 **A.** I support the costs associated with PNM’s T&D capital investments and O&M expenses
19 used by PNM witness Sanders for purposes of developing PNM’s cost of service in
20 this proceeding. PNM witness Sanders also addresses the jurisdictional allocation
21 of these investments and expenses.

22

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1 In addition, I support the calculations performed by the PNM T&D Planning and
2 Contracts Department regarding the historical transmission, sub-transmission, and
3 distribution demand and energy line losses. These line losses are used to forecast
4 load for PNM and to support the development of rates and the Rule 530 Schedules
5 P-9 and M-3.

6

7

II. SUMMARY OF KEY CONCLUSIONS

8

9 **Q. WHAT ARE YOUR KEY CONCLUSIONS?**

10 **A.** Overall, I conclude that:

- 11 • PNM’s T&D capital investment clearings totaling \$1.0 billion for the Capital
12 Investment Period are required to ensure the safety, reliability, security, and
13 performance of the T&D systems needed to serve PNM’s customers. These
14 investments include improvements necessary to serve the emerging economic
15 development opportunities within the state and the resulting needs of new
16 customers, infrastructure to connect and enable new energy resource projects,
17 as well as addressing the overall general load growth that has occurred with the
18 system upgrades.
- 19 • PNM is taking a thoughtful approach to investments necessary to prepare New
20 Mexico for the energy future by maintaining and replacing aging T&D
21 infrastructure through significant new capital projects, minimizing risks to
22 customers by maintaining facilities and preventing outages, and addressing
23 emerging infrastructure. Much of PNM’s T&D systems were installed decades

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1 ago; capital investments are needed to replace obsolete and aging equipment to
2 ensure that PNM continues to provide safe and reliable electric service to our
3 customers. As aging infrastructure is replaced, PNM’s replacement strategy
4 supports a platform for a decarbonized and more automated grid with increasing
5 demands resulting from beneficial electrification. The T&D capital
6 investments included in this proceeding are separate from and do not include
7 any of the proposed investments that have been requested in PNM’s Grid
8 Modernization Plan currently pending in Case No. 21-00058-UT.

- 9 • PNM engages in a thorough, cost-conscious capital investment process to
10 identify and prioritize T&D capital projects and oversee budgets. Through this
11 process, PNM undertakes and prioritizes capital investments and system
12 expansion projects to improve system reliability, stability, and resilience.
- 13 • PNM’s T&D O&M costs are prudent and reasonable based on comprehensive
14 planning and continuous cost monitoring. The Base Period O&M expenses for
15 the T&D operations, as adjusted for the Test Period, represent reasonable cost
16 levels to serve customers in a safe and reliable manner.
- 17 • PNM continues to pursue and negotiate outstanding rights-of-way renewals on
18 Native American lands which are necessary to continue to serve customers
19 reliably.
- 20 • PNM’s costs incurred for the BB2 Project, which has added needed
21 transmission to provide renewable energy to retail customers, and to provide
22 system upgrades and expansion, are reasonable and prudent.

23

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1 **Q. HAVE YOU REACHED OTHER CONCLUSIONS?**

2 **A.** Yes. I have reached several other conclusions, including the following:

- 3 • PNM continues to carefully manage the cost to customers associated with
4 the development, construction, and operation of its T&D facilities and
5 equipment while providing safe, reliable, and secure electric service.
- 6 • PNM's planning efforts have and will continue to focus on ensuring its
7 system is robust and able to provide adequate service when experiencing
8 peak demands while meeting applicable regulatory and safety requirements.
- 9 • In addition, PNM is planning to meet emerging and future load growth that
10 will result from development, transportation, and building electrification.

11

12 **III. TRANSMISSION AND DISTRIBUTION SYSTEMS OVERVIEW**

13

14

A. PNM Transmission System

15 **Q. PLEASE DESCRIBE THE NEW MEXICO TRANSMISSION SYSTEM.**

16 **A.** The New Mexico transmission system is shown in PNM Exhibit WG-2. The New
17 Mexico transmission system is situated in the Western Interconnection grid. The
18 system consists of transmission facilities owned solely by PNM as well as
19 transmission facilities owned jointly by PNM and other transmission providers.

20

21 As a general matter, the New Mexico transmission system was designed to transport
22 electricity from baseload coal and nuclear-fueled resources constructed in the
23 1960s, 1970s, and 1980s to the load centers in central and south-central New

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1 Mexico and the El Paso, Texas metropolitan area, which is also located in the
2 Western Interconnection grid.¹

3
4 New Mexico’s transmission system delivers electric energy across several 345 kV
5 lines and one 230 kV line from generation resources to load centers in New Mexico
6 and El Paso, Texas. These transmission lines emanate from the generation resources
7 located in the Four Corners area in the Northwest corner of New Mexico and run
8 southeast into the central New Mexico load centers in Albuquerque, Santa Fe, Las
9 Cruces, and surrounding areas. The Four Corners area is also connected to far
10 western New Mexico and Southern New Mexico by two 345 kV lines that run along
11 the western border of New Mexico and the eastern border of Arizona, with
12 interconnecting transmission lines that carry power towards southern New Mexico
13 load centers and El Paso. Additionally, transmission lines in eastern and central
14 New Mexico transport renewable energy from generating sites to communities
15 throughout the southwestern United States.

16
17 The 345 kV transmission from eastern New Mexico includes the BB line, the
18 recently completed BB2 line (running parallel to PNM’s existing BB line), and the
19 Western Spirit Transmission Project. The BB2 line provides opportunities for new
20 wind farms in eastern New Mexico, which is the most wind-rich part of the state.

¹ Portions of Texas are situated in each of the Western, Texas (Electric Reliability Council of Texas or “ERCOT”), and Eastern Interconnection grids. El Paso and adjacent areas in the western tip of Texas are the only portions of Texas in the Western Interconnection grid; therefore, El Paso and adjacent areas in Texas are not directly electrically interconnected with the rest of Texas.

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1 The BB2 line supports wind resources and provides electric service to all retail
2 customers in central New Mexico. PNM’s retail customers receive energy from 506
3 MW of wind generation resources delivered using the transmission in eastern and
4 central New Mexico. The BB2 line also improves system reliability and provides
5 redundancy to the system by having two circuits instead of one circuit from Clines
6 Corners Switching Station west to the BA 345 kV Switching Station located east
7 of Algodones, New Mexico.

8
9 The New Mexico transmission system also includes 230 kV and 115 kV
10 transmission lines as well as 69 kV and 46 kV sub-transmission lines. PNM’s
11 portion of the New Mexico transmission system consists of almost 3,200 miles of
12 345 kV, 230 kV and 115 kV lines.

13
14 The New Mexico transmission system also serves to connect the large load centers
15 for emergency support purposes and interconnects to neighboring transmission
16 systems to enhance system reliability and promote economic interchange of power.
17 In the case of a few larger customers, PNM directly connects customer-owned
18 facilities to PNM’s transmission system at either a substation or to a transmission
19 line through a transmission metered service.

20

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1 **Q. HOW IS THE TRANSMISSION SYSTEM IN NEW MEXICO**
2 **INTERCONNECTED WITH NEIGHBORING TRANSMISSION**
3 **SYSTEMS?**

4 **A.** The New Mexico transmission system connects:

5 • to the systems of Public Service Company of Colorado (“PSCo”), a subsidiary
6 of Xcel Energy, Inc., the Western Area Power Administration (“WAPA”)
7 Colorado-Missouri Division, and Tri-State Generation and Transmission, Inc.
8 (“TSGT”) in the North;

9 • to the systems of Tucson Electric Power Company (“TEPCo”), Arizona Public
10 Service Company (“APS”), Salt River Project Agricultural Improvement and
11 Power District (“SRP”), and WAPA Lower Colorado Division to the West; and

12 • To the El Paso Electric Company (“EPE”) and TSGT systems in the South.

13 In addition, two 200 MW (nominal rating) asynchronous high-voltage direct
14 current (“HVDC”) substations connect the New Mexico transmission system,
15 located within the Western Interconnection grid, to the transmission system of
16 Southwestern Public Service Company (“SPS”), a subsidiary of Xcel Energy, Inc.,
17 located in the Eastern Interconnection grid.² These stations allow interchange of
18 power in either direction with the Eastern Interconnection. The Blackwater tie near
19 Clovis, New Mexico, enables the import of power to the Albuquerque load area via
20 the Blackwater-BA 345 kV line (“BB line”). PNM owns 100% of the Blackwater
21 tie. PNM’s 345 kV transmission from eastern New Mexico into central New

² There are a total of seven HVDC ties between the Western and Eastern Interconnection grids.

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1 Mexico, which serves customers in the central portion of the state, currently has
2 twelve wind farms³ connected to it and is fully subscribed to its current maximum
3 transmission capacity of 2,362 MW.

4
5 The Eddy County tie near Artesia, New Mexico, enables both PNM and EPE to
6 import power from the Eastern Interconnection system via the Eddy County-Amrad
7 345 kV line. PNM owns 33% of the Eddy County tie. The remainder is owned by
8 EPE. The tie primarily serves as a possible backup path to some of PNM's southern
9 New Mexico load when the primary delivery paths are unavailable.

10

11 **Q. WHAT ARE THE OTHER MAJOR ELEMENTS OF THE NEW MEXICO**
12 **TRANSMISSION SYSTEM?**

13 **A.** Large transmission autotransformers located at load centers are used to step down
14 the main transmission system voltages to the 115 kV transmission system.
15 Substations located on 115 kV and 69 kV transmission, and 46 kV sub-transmission
16 lines further step the voltages down to distribution system voltages for delivery to
17 end users.

18

19 **Q. ARE THE TRANSMISSION FACILITIES YOU DESCRIBED SOLELY**
20 **OWNED BY PNM OR ARE THOSE FACILITIES JOINTLY OWNED?**

³ Includes Broadview, Grady, Lone Mesa, Casa Mesa, Argonne Mesa, El Cabo, La Joya 1 and 2, Tecolote, Red Cloud, Duran Mesa, and Clines Corners.

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1 **A.** The 115 kV, 69 kV and 46 kV transmission facilities are solely owned by PNM,
2 except for a limited number of 115 kV switching stations and transmission lines
3 which PNM either co-owns or has transmission rights with TSGT or EPE. PNM
4 jointly owns certain 345 kV facilities in the Four Corners area, along the
5 Arizona/New Mexico border and in southern New Mexico.

6
7 **Q. PLEASE DESCRIBE PNM’S JOINTLY-OWNED TRANSMISSION**
8 **FACILITIES.**

9 **A.** PNM is a part owner in seven jointly owned transmission facilities. First, the Palo
10 Verde Valley Transmission System (“VTS”) consists of three 500 kV lines that run
11 from the Palo Verde Nuclear Generating Station (“Palo Verde”), west of Phoenix,
12 east to the Phoenix metropolitan area (two to the Westwing switchyard and one to
13 the Kyrene switchyard) and various transformers at the Westwing and Kyrene
14 switchyards. PNM currently owns a 9.6% undivided interest in VTS, with APS,
15 SRP, and EPE owning the balance. SRP operates and maintains the VTS.

16
17 Second, PNM, SRP, and TEPCo jointly own the San Juan-Springerville-Vail
18 Transmission System (“San Juan-Vail System”) which consists of two 345 kV
19 transmission lines that emanate south from the San Juan switchyard to the Vail
20 switchyard in eastern Arizona. The lines play an important role in transporting
21 power to customers even after the closure of the San Juan Generating Station. These
22 transmission lines continue along the New Mexico-Arizona border to the McKinley
23 switchyard, then to the Springerville generating plant, and then to the Greenlee and

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1 Vail switchyards near the TEPCo load center in Arizona. The Springerville to
2 Coronado 345 kV line is also a part of the San Juan-Vail System. PNM has an
3 ownership interest in the facilities of the San Juan-Vail System, with SRP and
4 TEPCo owning the balance. TEPCo operates and maintains the San Juan-Vail
5 System. The San Juan-Vail system is used to deliver PNM's southern New Mexico
6 resources to loads in northern New Mexico and is also critical to providing power
7 to communities in southern New Mexico, and El Paso, Texas. Importantly, it
8 provides for emergency support and interconnections to neighboring transmission
9 systems to enhance system reliability and promote economic power exchange.

10
11 Third, PNM and EPE jointly own the Southwest New Mexico Transmission Project
12 ("SWNMT"). This system includes the Greenlee to Hidalgo to Luna 345 kV
13 transmission lines and switching stations. PNM has an ownership interest in the
14 facilities of the SWNMT, with EPE owning the balance. The SWNMT is operated
15 and maintained by EPE.

16
17 Fourth, PNM and EPE jointly own the Amrad-Eddy County 345 kV line and the
18 Eddy County HVDC converter station that interconnects with SPS. PNM owns a
19 33% undivided interest in the Eddy County HVDC tie and the Amrad-Eddy County
20 line, with EPE owning the balance. EPE operates and maintains the Amrad-Eddy
21 County line and SPS operates and maintains the Eddy County converter station
22 through contractual arrangements with PNM.

23

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1 Fifth, PNM and the City of Farmington jointly own the San Juan-Shiprock 345 kV
2 transmission line located in northwestern New Mexico. PNM owns a 94%
3 undivided interest in the facility, which PNM operates and maintains.

4

5 Sixth, PNM and TEPCo jointly own the San Juan-Four Corners 345 kV
6 transmission line, which runs between these two generating stations. PNM owns a
7 50% undivided interest in the line, which PNM operates and maintains.

8

9 Seventh and lastly, PNM and TSGT jointly own the Alamogordo-Hollywood 115
10 kV transmission line located in south-central New Mexico. PNM owns a 27.5%
11 undivided interest in the line, which is jointly operated and maintained by PNM
12 and TSGT.

13

14 **Q. DOES PNM'S TRANSMISSION SYSTEM CONSTITUTE A SINGLE,**
15 **INTEGRATED SYSTEM?**

16 **A.** Yes. PNM's transmission consists of networked lines, facilities and equipment that
17 together constitute a single, integrated system. Under FERC standards, a utility's
18 networked transmission system is viewed as a single piece of equipment and FERC
19 has declared that all customers, including retail and wholesale transmission
20 customers, directly benefit from network upgrades to a utility's transmission
21 system. PNM operates its transmission system as a single unit, with each
22 component of the system functioning as part of the whole. Because the integrated
23 system provides transmission service to retail and wholesale customers, the costs

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1 are allocated between retail and wholesale jurisdictions as discussed by PNM
2 witness Sanders.

3

4 **Q. DOES PNM COORDINATE OPERATIONS BETWEEN ITS NORTHERN**
5 **NEW MEXICO AND SOUTHERN NEW MEXICO TRANSMISSION**
6 **SYSTEMS?**

7 **A.** Yes. Because the facilities connecting the northern and southern portions of PNM's
8 transmission system are operated by others, transmission transactions between the
9 northern and southern portions of PNM's system must be coordinated with EPE
10 and TEPCo, the operators of these connecting facilities. PNM also purchases
11 transmission service from EPE and TEPCo to have adequate transmission rights to
12 deliver electric energy between the northern and southern portions of PNM's
13 system and to deliver PNM resources in southern New Mexico to the northern
14 portions of PNM's system.

15

16 **Q. HOW IS PNM'S TRANSMISSION SYSTEM PLANNED AND USED?**

17 **A.** PNM must plan its transmission system to meet the needs of both its retail
18 jurisdictional customers and its wholesale transmission customers. PNM uses its
19 transmission system to deliver electric energy to its customers from generation,
20 storage, and purchased power resources, described by PNM witness Heffington.
21 PNM also acts as a third-party service provider to enable other entities to deliver
22 the output of generation resources to their customers. As a FERC-jurisdictional
23 transmission provider, PNM provides open access transmission service on its

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1 system for generator interconnection and transmission delivery services pursuant
2 to the terms and conditions of its FERC-approved open access transmission tariff
3 (“OATT”), as discussed below.

4

5 **Q. WHAT ADDITIONAL DEMANDS FOR TRANSMISSION SERVICE HAS**
6 **PNM EXPERIENCED FOR TRANSMISSION SERVICE ON ITS SYSTEM**
7 **SINCE ITS LAST RATE CASE?**

8 **A.** PNM has experienced additional demands for transmission from both retail and
9 wholesale transmission customers. The increased demands stem from increases in
10 customer loads, as well as from the interconnection of generating facilities and
11 energy storage systems.

12

13 **Q. WHAT TYPES OF TRANSMISSION SERVICES DOES PNM PROVIDE**
14 **FOR OTHER ENTITIES OVER ITS TRANSMISSION SYSTEM?**

15 **A.** PNM provides both Network Integration Transmission Service (“NITS”) and
16 Point-to-Point (“PTP”) transmission service over its transmission system pursuant
17 to its OATT.

18

19 PNM provides NITS to the following customers: (1) TSGT; (2) the Incorporated
20 County of Los Alamos, New Mexico; (3) Jicarilla Apache Nation; (4) Pueblo of
21 Acoma; (5) WAPA for Kirtland Air Force Base; (6) Navajo Tribal Utility
22 Authority; (7) Kit Carson Electric Cooperative; and (8) the City of Gallup, New
23 Mexico.

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1

2

PNM has contracts with several transmission customers to provide long-term firm

3

PTP transmission service, as shown in PNM Table WG-1 below:

4

**PNM Table WG-1
Long-Term Firm PTP Transmission Service Obligations**

Name of Customer	Reserved Capacity
High Lonesome Mesa, LLC	100 MW
Tri-State Generation & Transmission Association, Inc.	50 MW*
Aragonne Mesa, LLC	200 MW***
Leeward Renewable Energy Development, LLC	35 MW***
El Paso Electric Company	124 MW
Broadview (JN and KW), LLC	297 MW
Grady, LLC	200 MW
Avangrid Renewables, LLC	269 MW
Clines Corners Wind Farm LLC	243 MW
Red Cloud Wind LLC	331 MW
Tecolote Wind LLC	163 MW
Duran Mesa LLC	63 MW
Salt River Project	184 MW**
* Transmission service will be reduced to 40 MW 1/1/23. ** Transmission service will start 1/1/24. *** Aragonne Mesa was increased from 90 to 200MW, and Leeward was increased to 35MW for a total addition of 145MW.	

5

6

These services are accounted for in the allocation of revenue requirements

7

associated with the transmission system between PNM's retail and FERC

8

jurisdictions as described by PNM witness Sanders.

9

10

Q. PLEASE DESCRIBE THE DEVELOPMENT OF WIND GENERATING

11

FACILITIES IN NEW MEXICO.

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1 **A.** Wind generating resources are concentrated in the eastern portion of New Mexico,
2 as this is the most wind-rich part of the state. For their output to be delivered to
3 New Mexico load or to western energy markets, these wind resources need access
4 to the interstate transmission grid. A list of these facilities and their firm
5 transmission reservations is shown below in PNM Table WG-2.

**PNM Table WG-2
Eastern New Mexico Wind Generating Facilities and
Associated Transmission Reservations**

Wind Farm	Developer	Nameplate capacity (MW)	Firm Transmission (MW)	Wind Farm In-Service Date
New Mexico Wind Energy Center (“NMWEC”)	NextEra	200	200	July 2003
Aragonne Mesa	Leeward Renewable Energy	200	200	90 MW December 2006; 110 MW December 2021
Broadview	Pattern	326	297	January 2017
El Cabo	Avangrid	298	269	June 2017
Casa Mesa	NextEra	50	*	December 2018
Grady	Pattern	220	200	March 2019
La Joya	Avangrid	306	306	February 2021
Western Spirit	Pattern New Mexico Wind	1050	800**	December 2021
* The NMWEC and Casa Mesa wind farms share a 200 MW transmission path, and the Casa Mesa project is subject to curtailment when the combined power outputs exceed 200 MW. **Western Spirit is combination of the Clines Corners, Red Cloud, Tecolote and Duran Mesa windfarms.				

9

10 **Q.** **PLEASE EXPLAIN PNM’S OWNERSHIP INTEREST IN AND COST**
11 **RECOVERY FOR THE WESTERN SPIRIT TRANSMISSION PROJECT.**

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1 **A.** PNM acquired the Western Spirit Transmission Project on December 10, 2021,
2 pursuant to the Commission’s prior approval in Case No. 19-00129-UT. This
3 project consists of an approximately 155-mile 345 kV transmission line
4 commencing in Santa Fe County, New Mexico and extending to interconnection
5 points at (i) a new 345 kV switching station in Torrance County, New Mexico and
6 (ii) PNM’s new Pajarito Switching Station in Bernalillo County, New Mexico,
7 interconnecting the transmission line to PNM’s West Mesa-Sandia 345 kV line.
8 PNM recovers the revenue requirements necessary to cover the costs of these
9 facilities through a FERC-approved incremental rate tariff and associated
10 transmission service agreements for delivery of firm transmission service for 800
11 MW. As a result, none of the associated project costs are included in PNM retail
12 rates paid by existing wholesale transmission or retail customers as discussed by
13 PNM witness Sanders. While the Western Spirit project costs are not recovered
14 through retail rates, PNM’s customers benefit from the project because it increases
15 system reliability, provides additional pathways for energy flows within the
16 integrated transmission system, and improves voltage regulation.

17

18

B. PNM Distribution System

19 **Q. PLEASE DESCRIBE THE PNM DISTRIBUTION SYSTEM.**

20 **A.** PNM’s distribution system generally begins at its distribution substations, which
21 are connected to either 115 kV or 69 kV transmission lines or 46 kV sub-
22 transmission lines. Within the substations, transformers step down the transmission
23 (or sub-transmission) voltage levels to distribution system voltage levels for

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1 delivery to end users. PNM has 216 distribution substation transformers that
2 typically range in size from 42 MVA down to 1 MVA.

3

4 **Q. WHAT GEOGRAPHIC AREA IS COVERED BY PNM'S DISTRIBUTION**
5 **SYSTEM?**

6 **A.** PNM has 177 distribution substations, which are spread over a large geographic
7 area across New Mexico. PNM's retail service territory served by its distribution
8 system includes:

- 9 • City of Albuquerque and the East Mountain area of Bernalillo
- 10 County
- 11 • City of Santa Fe and other portions of Santa Fe County
- 12 • City of Rio Rancho and other portions of Sandoval County
- 13 • Town of Clayton
- 14 • City of Las Vegas
- 15 • Village of Los Lunas, City of Belen, and other portions of
- 16 Valencia County
- 17 • Portions of McKinley County
- 18 • Village of Ruidoso
- 19 • Village of Tularosa, City of Alamogordo, and other portions of
- 20 Otero County
- 21 • City of Deming and other portions of Luna County
- 22 • City of Lordsburg
- 23 • Town of Silver City and other portions of Grant County

24

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1

MAP OF PNM SERVICE AREA IN NEW MEXICO



2

3

4 **Q. WHAT ARE THE GENERAL OPERATING PARAMETERS FOR PNM'S**
5 **DISTRIBUTION SYSTEM?**

6 **A.** The distribution system consists of both networked and radial systems. In
7 Albuquerque and other urban areas, the Company typically operates a networked
8 distribution system with secondary routing options to improve the reliability of the
9 system. In some suburban and most rural areas, PNM has radial systems arranged

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1 like branches on a tree, with feeders radiating outward from a distribution
2 substation, such that customers have a single source of power.

3
4 Nominal voltage levels for PNM's primary distribution system range from 23 kV
5 to 4,160 V, with the largest portion of PNM's primary distribution system utilizing
6 a 12.47 / 7.2 kV design voltage. Distribution class transformers further reduce the
7 primary distribution system voltages to service voltages between 480 V to 120 V
8 for delivery to end users. The distribution system from the distribution class
9 transformers to the end user is referred to as the secondary distribution system.
10 PNM also utilizes a 480 V underground network system to serve portions of
11 downtown Albuquerque. In the case of some larger customers, PNM directly
12 connects customer-owned primary distribution facilities to PNM's primary
13 distribution system at either the substation transformer or to the primary
14 distribution feeder through a primary metered service.

15
16 **Q. CAN PNM PROVIDE INFORMATION ABOUT THE CONDUCTOR**
17 **FOOTAGE OF ITS DISTRIBUTION SYSTEM?**

18 **A.** Yes. PNM is providing a conductor footage report as PNM Exhibit WG-3 that
19 reflects the current primary and secondary overhead and underground footages,
20 broken down by Northern and Southern Divisions.

21

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IV. OVERVIEW OF PNM'S T&D SYSTEMS NEEDS

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Q. WHAT DOES THIS SECTION OF YOUR TESTIMONY COVER?

A. In this section of my testimony, I describe the current status of PNM's T&D systems and the need for continued investment to maintain system safety and reliability, and to prepare for the carbon free energy future by ensuring the Company is able to meet the demand for electric service.

Q. WHY ARE THE T&D INVESTMENTS AND EXPENDITURES IN THE TEST PERIOD APPROPRIATE AND REASONABLE?

A. PNM seeks to maintain highly reliable customer service while meeting public safety requirements. PNM's T&D system investments are necessary to upgrade, strengthen or replace existing facilities. PNM is also leveraging newer, but proven technologies in many areas of its system. As aging infrastructure is replaced, PNM's replacement strategy is to create a more dynamic grid to meet increasing demands resulting from increased electrification and integration of distributed energy resources. PNM's T&D investments will enable future electrification demand, including electric vehicle ("EV") adoption and EV-charging infrastructure. Additionally, PNM is implementing standardized and modern engineering designs for substations, transmission lines, and distribution feeders that have evolved, and continue to evolve, as technology advances to meet customer needs.

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1 The T&D systems are critical elements of the grid and are necessary to serve
2 customers. To that end, the Company’s planned capital investments and O&M
3 expenditures related to the T&D systems directly support continued reliability,
4 resilience, and pave the way for future grid operations. PNM’s T&D systems have
5 grown significantly over the past several decades. PNM has added 686 miles of
6 transmission lines since 2020, and 172 miles of distribution lines since 2018.
7 PNM’s transmission system consists of almost 3,200 miles. These lines were
8 constructed as a mix of wood pole and steel structures, the majority of which were
9 installed in the 1950s through the 1980s. The majority of the poles and overhead
10 conductor on the Company’s lines is more than 40 years old. PNM’s distribution
11 system utilizes approximately 212,000 wood poles. More than 80% of overhead
12 conductor on PNM’s distribution system is greater than 30 years old. About 68%
13 of the Company’s distribution poles are over 40 years old.

14
15 PNM is experiencing economic expansion, including typical load growth and
16 economic development, each of which are driving infrastructure investments. PNM
17 is supporting the growing market for renewable, carbon-free generation resources
18 by providing access to New Mexico’s renewable resource rich environment,
19 including small-scale rooftop solar and community solar systems. These
20 developments require new facilities that lead to larger and more complex, multi-
21 directional T&D systems. The costs for upkeep of the T&D systems—both capital
22 and O&M—have increased in turn.

23

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1 I provide details on the capital investments and related increases its O&M
2 expenditures to achieve these goals in Parts VI and VII of my testimony.

3

4 **Q. HOW DO THE INVESTMENTS IN THE CAPITAL INVESTMENT**
5 **PERIOD AND OPERATING EXPENSES IN THE TEST PERIOD**
6 **ADDRESS THE NEEDS OF THE T&D SYSTEMS?**

7 **A.** In large part, the original T&D systems consist of legacy infrastructure and facilities
8 that were designed to provide a one-way energy delivery system, transmitting
9 electric energy from centralized, baseload generation, such as coal and nuclear
10 facilities, to the state's load centers. While the existing T&D corridors used to
11 transmit baseload generation are increasingly being used to deliver power generated
12 from renewable resources to load centers, it is also the case that PNM's new
13 resources are smaller in size, there are more of them, and they are located in more
14 geographically diversified locations across the system. Additionally, the
15 operational characteristics and functionality of the generation resources have and
16 will continue to significantly change. PNM must update its T&D system to support
17 a multi-directional, network-managed delivery system capable of supporting both
18 utility scale and distributed renewable generation.

19

20

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1 **Q. WHAT VALUE DRIVERS DOES THE COMPANY EMPLOY IN**
2 **IDENTIFYING AND PRIORITIZING PNM'S CAPITAL INVESTMENTS?**

3 **A.** The six value drivers are defined in PNM witness Sanders' testimony and are used
4 to categorize corporate capital investments. These include:

- 5 1. Safety
- 6 2. Reliability
- 7 3. System Performance
- 8 4. Security (physical or cyber)
- 9 5. Environmental
- 10 6. Compliance

11 It is likely that many capital investments will relate to more than one of these value
12 drivers. Most of the Company's efforts are aimed at improving the reliability of
13 PNM's system, whether through an upgrade of individual components at specific
14 locations or a programmatic approach to upgrading outdated or poor performing
15 equipment across the system with newer and more reliable equipment. Many
16 projects provide additional benefits such as improved system monitoring and
17 performance. For example, PNM has implemented a system that tracks the
18 operational performance of equipment through remote monitoring, which enhances
19 the Company's ability to improve awareness, respond to emergent equipment
20 issues before the equipment fails and meet regulatory compliance requirements in
21 a more efficient and cost-effective manner. However, for purposes of this rate case,
22 each capital investment is categorized under a single primary driver. In Part VI,

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1 below, I discuss the Company's specific capital investments in terms of these value
2 driver categories.

3

4 **Q. HOW WILL THE COMPANY ADDRESS THE CHALLENGES YOU HAVE**
5 **IDENTIFIED?**

6 **A.** PNM is actively engaged in asset renewal and replacement, which I describe in
7 more detail below. While PNM has always engaged in continuing maintenance and
8 replacement programs, the Company is also developing more advanced asset
9 management programs for its T&D systems to allow for improved performance
10 tracking and monitoring of installed assets. The asset management system will
11 allow PNM to develop metrics and track equipment performance and reliability
12 both for individual components such as circuit breakers, transformers, and relays,
13 as well as the larger subsystems making up the overall T&D systems. These asset
14 management programs require trained employees to oversee sophisticated software
15 systems, with the ultimate goals of developing condition-based equipment
16 maintenance and replacement programs, while controlling O&M costs related to
17 aging infrastructure.

18

19 PNM's capital improvements are also aimed at improving overall T&D system
20 reliability, incorporating security, ensuring regulatory compliance and meeting load
21 growth. In most areas, the current system is not capable of accommodating
22 additional load without the potential to decrease overall system reliability. PNM
23 plans to rebuild numerous legacy distribution substations to modern standards,

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1 which in many cases will also facilitate improved system configuration. This
2 ultimately increases system reliability by reducing customer outage frequency or
3 duration. Certain of these substations will also be improved with new or improved
4 physical and cyber security protections, which help mitigate the risks that could
5 lead to customer outages and/or increase restoration times for customers. The
6 substation rebuilds will include installing physical and cyber security measures as
7 well as adding line sectionalizing circuit breakers, rebuilding the 115 kV busses at
8 some of these substations to a ring-bus configuration and installing modern
9 monitoring and control systems.

10

11 The Company's asset management and system reconfiguration efforts are being
12 implemented in conjunction with equipment renewal and replacement, including
13 for: poles, wires, and cables; circuit breakers, circuit switchers, transformers, and
14 line reclosers; system protection upgrades; control buildings; switchgear;
15 miscellaneous substation and line equipment; and distribution system automation.
16 I address these renewal and replacement programs below.

17

18 **Q. PLEASE DESCRIBE PNM'S T&D POLE AND WIRE REPLACEMENTS.**

19 **A.** PNM has been engaged in a multi-year plan to replace aging poles and conductors
20 that are subject to wood rot and failure with new poles and conductors. Facilities
21 designated for replacement are prioritized based on age, historic performance, and
22 strategic criticality to the overall system. These replacement activities are aimed at
23 improving the reliability of our transmission and distribution lines, and to provide

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1 improved safety to the public and our employees by reducing the risk of line
2 structures failing and falling on public property or people or causing wildfires in
3 vegetated areas.

4
5 The Company's transmission and distribution poles that are more than 40 years old
6 need to be replaced or maintained to ensure they remain functional and to ensure
7 the continued safety of our customers. Some of PNM's transmission lines have
8 legacy wood pole structures that require life-extending maintenance or
9 replacement. The overhead conductor on distribution lines that is generally greater
10 than 30 years old will systematically be replaced or upgraded on a risk prioritized
11 basis. In some cases, uninsulated distribution conductors will be replaced with
12 insulated conductors, or the Company may utilize alternate designs to reduce risk
13 of wildfires that could be started by vegetation contact. Finally, transmission lines
14 that are generally greater than 50 years old will be systematically replaced or
15 upgraded on a risk prioritized basis as well.

16

17 **Q. WILL PNM'S SYSTEMS REQUIRE OTHER LINE REPLACEMENTS?**

18 **A.** Yes. PNM has over 6,000 miles of underground distribution cable, and almost 40%
19 are past the end of service life. These cables are starting to fail at an increasing rate,
20 causing damage and decreased life expectancy to adjacent cable systems. This
21 results in an increase in the number and duration of customer outages. PNM is
22 heavily focused on systematically replacing aging underground cables and
23 installing cables with increased current-carrying capacity that will provide

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1 increased load carrying capacity and improved reliability to customers. These
2 replacements are intended to improve the reliability of the underground distribution
3 system and reduce the number of unplanned customer outages caused by failing
4 underground cables.

5

6 **Q. PLEASE DESCRIBE THE REPLACEMENT OF PNM'S**
7 **TRANSFORMERS, CIRCUIT BREAKERS, CIRCUIT SWITCHERS, AND**
8 **LINE RECLOSERS.**

9 **A.** PNM has nearly 400 transmission circuit breakers installed in substations that
10 connect the power lines to each other and control power flow. Approximately one-
11 fifth of circuit breakers are past the end of the service life and have limited useful
12 operating life remaining. Many of these circuit breakers use obsolete technology,
13 such as oil-filled, that now requires frequent and resource-intensive maintenance.
14 To improve system reliability, these will systematically be replaced with modern,
15 faster operating circuit breakers that require less maintenance. Modern circuit
16 breakers with faster operating times have numerous benefits over the slower
17 operating breakers in that they reduce the impact of faults on system voltage and
18 reduce damage to equipment during fault conditions. Faster operation provides
19 additional benefits such as increased safety to Company employees and the public.
20 In many instances, the circuit breakers' interruption and current-carrying
21 capabilities will be exceeded as the load on the PNM system increases, which could
22 result in catastrophic equipment failures and/or cascading system outages if not
23 proactively addressed. Similarly, many of the circuit switchers which are primarily

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1 used to connect distribution transformers to the transmission system are nearing the
2 end of their useful life. These will be systematically replaced with new equipment
3 or phased out and replaced with circuit breakers where appropriate.

4
5 PNM's fleet of autotransformers and distribution transformers are, on average, over
6 36 years old, with approximately 60 percent of transformers being over 30 years
7 old. These transformers are nearing the end of their useful lives and many of them
8 are showing typical symptoms of aging. To maintain and improve system
9 reliability, PNM is pro-actively replacing the transformers most at risk of failure to
10 minimize customer outages, potential damage to equipment, and potential injury to
11 employees. New standardized, larger-capacity transformers will be installed in
12 place of many of the smaller transformers that are currently becoming overloaded
13 to accommodate increased loading. In addition, PNM is purchasing additional
14 strategic spare transformers to ensure system resilience in case of unexpected
15 failures of transformers. This is critical, especially in today's environment, where
16 the wait times for long-lead items has more than doubled for larger power
17 equipment, to over 72 weeks, and continues to increase. Lead times for many
18 medium and larger power transformers are now over two years or more.

19
20 PNM has 288 hydraulic line reclosers installed in strategic locations along its
21 distribution lines. The replacement of this equipment is aimed at maintaining and
22 improving reliability and safety. The large majority of these reclosers are currently
23 utilizing thirty-to-forty-year-old hydraulic operating mechanisms which in recent

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1 years have been increasingly unreliable. They are now becoming prone to delayed
2 opening when called upon to open a line or interrupt a fault. The delay results in
3 extended and unnecessary outages that will increase severity and numbers of
4 unplanned distribution line outages if the operating mechanisms are not replaced.
5 In addition, more than 20% of PNM's distribution switchgear feeder breakers are
6 over thirty years old. The operation of these facilities is becoming less reliable due
7 to age and wear. The age and state of these circuit breakers in confined switchgear
8 locations presents the increased risk of potential catastrophic arc flash type-failures.
9 Continued use of these breakers increases the risk of unplanned outages and could
10 present a safety risk to employees.

11
12 **Q. PLEASE DESCRIBE THE T&D SYSTEMS' CURRENT PROTECTION**
13 **RELAYS AND THE PROTECTION UPGRADES THE COMPANY HAS**
14 **INCLUDED IN THE CAPITAL INVESTMENTS FOR THE T&D**
15 **SYSTEMS.**

16 **A.** Nearly every major component on PNM's transmission system must be monitored
17 and protected by a protection system, generally comprised of protective relays,
18 voltage and current sensing devices (instrument transformers for the relays), a dc
19 supply, dc control circuitry to breaker(s) or other interrupting devices, and
20 communications systems necessary for correct operation of the protection system.
21 PNM's protective relays include electromechanical protection relays, solid state
22 (electrostatic), and various vintages of microprocessor protective relays. The
23 electromechanical relays are increasingly obsolete, and many are no longer

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1 supported by their manufacturers. This makes spare parts expensive and difficult to
2 find, just as increasing numbers of them are reaching their end of useful life. In
3 addition, these electromechanical, solid state, and the older vintages of
4 microprocessor relays have limited functionality compared to modern
5 microprocessor-based protective relays. With NERC-mandated reliability
6 standards becoming increasingly more demanding and prescriptive to utility
7 operations, it is imperative that these aging relays be replaced. The Company's
8 replacements are intended to improve reliability, improve system operating
9 performance, enhance safety, and improve PNM's ability to meet compliance
10 obligations.

11
12 Electronic microprocessor-based relay packages offer enhanced functionality,
13 which allows for faster operation as well as allowing for real-time remote
14 monitoring with significantly improved troubleshooting and post-fault event
15 analysis capabilities. Beyond faster fault clearing, the new electronic systems can
16 also improve fault location capability and reduce system restoration times. PNM
17 has systematically replaced legacy relays as part of its transmission relay protection
18 upgrade program. This program involved developing standardized, state-of-the-art
19 protection schemes with redundant functionality for improved reliability and
20 performance. Since its inception, PNM has installed over 170 relays on the
21 transmission system. PNM's transmission relay upgrade program was revamped in
22 2022 with the assistance of an outside firm. Over the next 5 years, PNM has a plan
23 to replace and install over 350 relays on the transmission system.

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1

2 Most of PNM’s distribution protective relays are likewise electromechanical or, in
3 some cases, legacy electronic systems. These legacy relays can fail with limited or
4 no warning or indication of imminent failure. The Company’s replacements
5 improve reliability and enhance safety to PNM personnel and equipment. When
6 these relays fail in service, they are unable to clear faults, which then requires back-
7 up protection systems to clear the faults, which, in turn, results in larger outages
8 and potential damage to equipment. Large fault currents lead to longer duration and
9 wider-spread outages.

10

11 PNM’s T&D investments include relay replacements to limit the risk of extended
12 outages to customers. New redundant microprocessor relays are being retrofitted
13 into distribution switchgear lineups which improve reliability and performance of
14 the distribution system. The Company has a systematic program to replace and
15 modernize PNM’s aging distribution relays, over 40% of which are past their useful
16 lives. Similarly, many of the distribution switchgear line-ups are obsolete and are
17 targeted for full replacement with new, modern and more reliable switchgear line-
18 ups. Most of these replacements will coincide with planned protection and circuit
19 breaker replacements.

20

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1 **Q. DOES THE CAPITAL INVESTMENT PLAN INCLUDE REPLACEMENTS**
2 **AND ENHANCEMENTS TO OTHER PARTS OF THE GRID?**

3 **A.** Yes. Many of PNM's substation control buildings were built decades ago and do
4 not have sufficient floor space to accommodate upgraded protection schemes,
5 installed as new line or station facilities are added, or as obsolete electromechanical
6 protection schemes are replaced with microprocessor-based schemes. In most
7 instances, these control houses do not have any means of climate control, nor can
8 that be retrofitted in a cost-efficient manner. In some instances, the electrical wiring
9 in these buildings contains asbestos materials that are a health hazard to employees.
10 PNM's investment plan includes replacement of these control buildings with new
11 modern substation control buildings in conjunction with or in preparation for
12 protection system upgrades and to accommodate physical or electronic security
13 components. These replacements are driven by reliability, safety, security, and load
14 growth needs.

15

16 **Q. IS THE COMPANY REPLACING OTHER FACILITIES AND**
17 **EQUIPMENT?**

18 **A.** Yes. Like the transformers and circuit breakers, PNM has thousands of other aging
19 pieces of substation equipment types that have or will be replaced with modern and
20 more reliable equipment during substation improvement and reliability upgrade
21 projects to improve system reliability. This equipment includes capacitor banks,
22 voltage transformers, metering systems, surge arresters, insulators, batteries and
23 disconnect switches.

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1

2 **Q. ARE THERE OTHER UPGRADES THE COMPANY IS IMPLEMENTING**
3 **ON ITS T&D SYSTEMS?**

4 **A.** Yes. In conjunction with many of the equipment upgrades and replacements on the
5 distribution system I discuss above, PNM is strategically implementing enhanced
6 monitoring and remote-control capabilities for transmission equipment, as well as
7 automated control systems throughout the distribution network to enhance system
8 performance. These upgrades facilitate faster system restoration following outages
9 and enable integration of future smart grid developments as those technologies
10 mature and can be utilized for the benefit of our customers.

11

12 **Q. HOW DO THE PROJECTS THAT PNM PROPOSES IN THIS REQUEST**
13 **RELATE TO ITS RECENT GRID MODERNIZATION FILING?**

14 **A.** On October 2, 2022, PNM filed an application to implement grid modernization
15 (“Grid Mod Filing”) investments including advanced metering infrastructure. The
16 Grid Mod Filing includes investments for distribution automation and distribution
17 planning. The projects and technologies included in the Grid Mod Filing require
18 underlying grid enhancements that do not fit under the rubric of the grid
19 modernization statute. Infrastructure investments in this filing—including feeder
20 and substation upgrades—are crucial for grid modernization. The investments
21 included in this filing complement the grid modernization investments but there is
22 no duplication between the two requests.

23

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1 **V. T&D CAPITAL INVESTMENT PROCESS**

2
3 **Q. WHAT IS THE PURPOSE OF THIS SECTION OF YOUR TESTIMONY?**

4 **A.** I describe the capital investment process undertaken by PNM to identify and
5 prioritize T&D capital projects and to oversee budgets.

6
7 **Q. HOW DOES PNM DETERMINE WHEN AND WHERE TO MAKE**
8 **CAPITAL INVESTMENTS TO EXPAND OR REINFORCE ITS**
9 **TRANSMISSION SYSTEM?**

10 **A.** Transmission planners are required to continually analyze the performance of the
11 current system and the need for future system improvements to ensure that
12 electricity can be reliably delivered consistent with the NERC and Western
13 Electricity Coordinating Council (“WECC”) requirements, and NMPRC Rule 560.
14 PNM currently uses a ten-year horizon for transmission and distribution planning.
15 Plans are updated annually in advance of the budgeting process. However, based
16 on a recent FERC proposed rule, the transmission planning horizon for transmission
17 will likely be extended to 20 years.

18
19 **Q. PLEASE EXPLAIN THE ROLE OF NERC WITH RESPECT TO PNM’S**
20 **TRANSMISSION PLANNING AND OPERATIONS.**

21 **A.** NERC is a not-for-profit international regulatory authority whose mission is to
22 ensure the reliability of the bulk transmission system in North America. NERC
23 develops and enforces system Reliability Standards under the authority of FERC,

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1 performs annual assessments of seasonal and long-term reliability, monitors the
2 bulk power system through system awareness, and educates, trains, and certifies
3 industry personnel. NERC's area of responsibility covers the bulk transmission
4 systems in the continental United States, Canada, and the northern portion of Baja
5 California, Mexico. NERC is the electric reliability organization for North
6 America, subject to oversight by the FERC and governmental authorities in Canada.
7 NERC's jurisdiction includes users, owners, and operators of the bulk transmission
8 system.

9

10 **Q. WHAT ROLE DOES WECC PLAY?**

11 **A.** WECC is one of six regional electric reliability councils under NERC authority.
12 The WECC region encompasses the entire Western Interconnection as well as parts
13 of Canada and Mexico. WECC develops and implements Regional Reliability
14 Standards and WECC Regional Criteria for the Western Interconnection.

15

16 PNM's transmission system is subject to NERC and WECC jurisdiction, and PNM
17 must make necessary capital investments and O&M expenditures to meet NERC
18 and WECC standards, which in turn are subject to oversight by FERC.

19

20 **Q. PLEASE ELABORATE ON PNM'S TRANSMISSION PLANNING**
21 **PROCESS.**

22 **A.** PNM transmission planners perform modeling and simulations of PNM's
23 transmission system to determine its operating capabilities. The system limitations

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1 are then compared to the present and forecasted demands of PNM’s retail and
2 wholesale transmission customers, along with any new considerations defined by
3 FERC or NERC. NERC reliability standards and other industry practices guide
4 these analyses to ensure electricity can be delivered adequately and securely. As
5 potential system deficiencies are identified, such as over- or under-voltages or
6 overloads of equipment, alternative solutions are identified. These alternative
7 solutions may include the development of new or different operating procedures,
8 the addition of voltage supporting devices, upgrades to substation or line
9 termination equipment, the reconductoring of lines, or the construction of new
10 lines. Alternatives are prioritized in accordance with their ability to solve system
11 issues, to be implemented in the timeframe needed and to provide the lowest
12 lifecycle cost.

13
14 PNM also continually assesses the useful service life of significant components of
15 its transmission system. In some cases, equipment (*e.g.*, relays, breakers,
16 transmission cross arms, transmission structures) may become functionally
17 obsolete because it has reached the end of its useful life based on the number of
18 operating cycles, higher-than-planned maintenance costs, the need to meet
19 compliance obligations, or when parts needed for repairs are no longer available.
20 PNM’s T&D capital budget includes funding for replacing critical equipment that
21 has reached the end of its useful service life.

22

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1 **Q. HOW DOES THE DISTRIBUTION PLANNING FUNCTION IDENTIFY**
2 **SPECIFIC CAPITAL EXPANSION NEEDS?**

3 **A.** Distribution planning evaluates the primary distribution system by comparing the
4 present and forecasted customer loads of the different retail customer service areas
5 against system limitations to determine the need for and timing of system
6 improvement projects. The objectives of these projects are to ensure compliance
7 with NMPRC Rule 560, the requirements of the American National Standards
8 Institute, the National Electrical Safety Code and PNM's own distribution planning
9 criteria. The Company must ensure that it provides safe and reliable electric service
10 to customers within established voltage and equipment loading criteria for normal
11 and emergency conditions. Alternatives are evaluated and a solution is
12 recommended for implementation in the PNM T&D capital budget.
13 Recommendations typically consist of one or more of the following possible
14 solutions (from lowest to highest potential cost):

- 15 • Reconfiguring the system service within an area by changing open points;
- 16 • Balancing connected load along the distribution feeder;
- 17 • Installing capacitors for voltage improvement and power factor correction;
- 18 • Installing voltage regulators to maintain voltage criteria;
- 19 • Upgrading existing overhead conductor/underground cable;
- 20 • Adding new overhead conductor/underground cable;
- 21 • Constructing a new feeder from a substation; and
- 22 • Adding a new substation and/or feeders within a service area.

23

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1 **Q. HOW ARE ALTERNATIVE T&D SOLUTIONS EVALUATED?**

2 **A.** The process starts with an evaluation of the feasibility of the planning alternatives
3 for any known permitting/environmental restrictions. The options resulting from
4 this evaluation are then assessed to identify issues that could affect project viability.
5 Such issues may include difficulty reconciling project schedules and budgets with
6 necessary permitting and procurement requirements and lead times, required public
7 input processes, or with National Environmental Policy Act compliance
8 requirements. Cost estimates are used in the feasibility stage of planning, and for
9 comparison between alternatives. These estimates are based upon standardized
10 station designs, estimated line mileages, historical PNM cost data that is
11 periodically updated, and PNM transmission and distribution design and
12 construction standards. PNM may employ consultants, vendors, and contractors to
13 assist in providing cost estimate information, especially for alternatives that are not
14 typical installations on PNM's system. For example, high-level right-of-way costs
15 are based on the number of property owners, lot sizes, and recent sales information.
16 Estimates are then calibrated by comparing the cost of recent similar installations
17 on the PNM system. Recent supply chain challenges are making cost estimation for
18 materials and services more challenging.

19

20 **Q. HOW DOES PNM FINALIZE T&D PROJECT COST ESTIMATES AND**
21 **TIMELINES?**

22 **A.** Final cost estimates used for project funding include project and site-specific
23 considerations. These include the selection of a specific parcel of land and/or line

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1 route, identification of permitting and environmental restrictions, development of
2 the design in terms of site layout, span lengths, and typical structure heights, and
3 securing current vendor quotes for major equipment. In addition, a timeline for the
4 project is prepared based upon time frames for permitting, right-of-way acquisition,
5 engineering and design, lead times for material and equipment procurement, and
6 construction schedules. Given recent supply chain constraints, estimates must often
7 be updated again following the competitive request for proposals process when the
8 project is put out to bid for engineering, procurement, and construction services.

9

10 **Q. DOES PNM HAVE A PROCESS FOR PRIORITIZING ITS T&D CAPITAL**
11 **INVESTMENTS?**

12 **A.** Yes, PNM recognizes the challenges associated with delivering safe and reliable
13 power as efficiently as possible and that the Company must therefore make
14 decisions about which projects identified in the planning process it can fund.
15 Projects are prioritized based on safety considerations and our value drivers, to
16 ensure that the most critical projects are funded first.

17

18 Through this prioritization process, PNM develops a list of capital projects that is
19 reviewed by business unit management and consolidated with projects from other
20 business units. A final capital investment plan is prepared and submitted to senior
21 management for consideration and approval.

22

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1 **Q. DOES PNM TYPICALLY MEET THE FORECASTED IN-SERVICE**
2 **DATES FOR ITS T&D CAPITAL PROJECTS?**

3 **A.** Yes. PNM usually meets the planned in-service date for of its projects. However,
4 unforeseen events can also cause PNM to redirect labor and capital toward
5 emergent projects, which may result in planned projects being carried over into
6 later periods. Additionally, recent supply chain challenges have resulted in delayed
7 delivery of purchased material or equipment due to a supply chain issue for the
8 counterpart or lack of personnel at vendors and contractors that have resulted in
9 delays. Supply chain issues have also impacted costs of equipment, which in turn
10 can result in a reprioritization of projects.

11

12 **Q. IS FLEXIBILITY SOMETIMES REQUIRED WITH RESPECT TO THE**
13 **IMPLEMENTATION OF T&D PROJECTS?**

14 **A.** Yes, and it is becoming more so in the supply chain environment for commodities,
15 material, equipment, and services. Flexibility in the specific projects the Company
16 completes is necessary to ensure the management of unforeseen events and
17 necessary unbudgeted expenses that can arise during the year. For instance,
18 equipment may fail, diverting the resources of the engineering and project
19 management staff from on-going projects and requiring unbudgeted expenditures
20 to ensure the supply of power to customers is not jeopardized. Projects and
21 associated expenditures therefore cannot always be completed in the timeframe
22 originally forecasted.

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1 PNM has a process for managing changes or “trade-offs” for unplanned emergent
2 projects to ensure the funding of necessary, but unbudgeted, capital expenditures
3 while not exceeding the approved capital target for the year. The process requires
4 documentation of the need for the new expenditure, the identification of a budgeted
5 project expenditure that will be reduced to accommodate the new expenditure, and
6 proper approvals. As a result of this process, some projects may be delayed while
7 others are accelerated, but the total amount of capital invested during the budget
8 period should not change.

9
10 **Q. PLEASE DESCRIBE HOW COST ESTIMATES FOR TRANSMISSION**
11 **CAPITAL PROJECTS ARE DEVELOPED.**

12 **A.** Depending on the complexity of the project, PNM assembles data from a variety of
13 sources to develop cost estimates for transmission line and station system
14 improvements. Initially, various technical solutions and/or locations are evaluated
15 at a high level for feasibility. Considerations include the ability to obtain permits,
16 land rights acquisition, technical performance, required equipment, materials, or
17 services, environmental considerations, the ability to meet the desired schedule, and
18 total long-term ownership costs. Once the preferred solution is identified, more
19 detailed estimates are developed. For many projects, PNM has significant
20 information available from recent similar projects. As part of its ongoing project
21 management practices, PNM reviews historical pricing for trends and potential
22 efficiencies.

23

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1 **Q. DOES PNM USE INFORMATION OTHER THAN HISTORICAL DATA IN**
2 **ITS CAPITAL COST ESTIMATES FOR TRANSMISSION PROJECTS?**

3 **A.** Yes. PNM uses various reliable sources as a basis for its transmission project
4 estimates. The Company uses market value analysis to determine land costs. For
5 material, equipment and construction services, PNM contracts with vendors and
6 receives updated cost estimates. For complex projects, a consultant is typically
7 engaged to prepare construction costs estimates.

8
9 **Q. WHAT ARE SOME OF THE SOURCES USED FOR ESTIMATING COSTS**
10 **ASSOCIATED WITH NECESSARY LAND USE FOR CAPITAL**
11 **PROJECTS?**

12 **A.** Every project that PNM constructs has some form of land right associated with it.
13 Depending on the project and the land ownership, land rights can take various forms
14 such as licenses, permits, easements, leases, or purchase of land in fee. Estimates
15 for these types of land rights are based on historical information and market data.
16 Fees for licenses are generally determined as a matter of the administrative costs to
17 the agency issuing the license. Permits, as with the Bureau of Land Management
18 (BLM), reflect land use (*e.g.*, for grazing or agricultural use) and are based on
19 market value. Estimates for easements are valued by professional appraisers and
20 are based on market values or historical negotiated prices. Estimated lease rates are
21 determined using market values and based on the rate of return an investor expects
22 from their investment in the property. Estimates for leases can also be derived by
23 income appraisal methods. When acquisition of land is required, PNM staff review

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1 comparable sales in an area, and when necessary, secure formal appraisals.
2 Estimates also include any support costs associated with land rights acquisitions
3 such as surveys, re-platting, environmental studies, and contract reviews.

4
5 With regard to projects on public lands, PNM's staff maintains relationships with
6 local, tribal, state, and federal land-use agencies. When a project is developed that
7 involves land or land-use managed by these agencies, PNM discusses the specific
8 project to understand the requirements that must be met as well as the typical
9 schedule for submission and approval of a permit. Costs for anticipated mitigation
10 efforts are included in the project estimate.

11
12 **Q. WHAT RESOURCES DOES PNM USE FOR ESTIMATING THE COST OF**
13 **NON-TYPICAL EQUIPMENT?**

14 **A.** For specialty equipment that is not routinely purchased by PNM, as part of the
15 estimating process PNM often contacts vendors to obtain information on costs and
16 lead times. PNM may hold meetings with other utilities with similar installations,
17 and information is also secured through industry groups such as The Institute of
18 Electrical and Electronics Engineers (IEEE). As the project matures, formal
19 Requests for Information ("RFIs") and/or Requests for Proposals ("RFPs") are
20 issued to obtain pricing information and competitive bids. The responses to the
21 RFI and RFP are used to select the most responsive vendor(s). Autotransformers
22 are one example of items purchased through an RFP process. PNM also engages

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1 consultants to assist with detailed cost estimates for engineering, procurement,
2 and/or construction for projects.

3

4 **Q. HOW ARE CONSTRUCTION COSTS FOR CAPITAL T&D PROJECTS**
5 **ESTIMATED?**

6 **A.** Construction may be performed with either in-house personnel or with experienced
7 contractors. Part of the process for developing a cost estimate includes deciding
8 who will perform the various construction activities. For projects constructed in-
9 house, costs are typically estimated by the number of days the job is expected to
10 take, size of crew, job skills needed, and Company labor costs. Other factors in
11 developing construction cost estimates include local versus out-of-town work, new
12 construction versus system upgrades, availability of specialty contractors in the
13 time frame needed, and the potential need to work extended hours or weekends to
14 accommodate system conditions.

15

16 **Q. HOW ARE ENGINEERING AND CONSTRUCTION MANAGEMENT**
17 **COSTS ESTIMATED?**

18 **A.** Engineering and construction management may be performed by either PNM
19 personnel or outside consultants. Typically, consultants are used to supplement
20 PNM's staff. For in-house support, the engineering and construction management
21 labor costs are estimated as a percentage of the equipment and construction costs.
22 For external support, consultants may be contacted for high-level estimates or
23 existing unit rates, and an estimate of hours and skills is applied.

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1

2 **Q. DOES PNM INCLUDE COST LOADS IN ITS CAPITAL COST**
3 **ESTIMATES?**

4 **A.** Yes. Project estimates include applicable utility loads and overhead. The loads
5 applied to capital projects are discussed by PNM witness Peters.

6

7 **Q. PLEASE DESCRIBE THE PROCESS FOR DEVELOPING COST**
8 **ESTIMATES FOR DISTRIBUTION CAPITAL PROJECTS.**

9 **A.** Like larger transmission and substation projects, the process for distribution line
10 construction projects begins by determining the routing of a project in light of the
11 overall project objective. Once the route is determined, an engineer or designer
12 prepares a map of the proposed route. From the PNM designer’s conceptual design,
13 the necessary equipment, structures, and material required to meet the objectives of
14 the project are determined. Most distribution projects use similar structure and
15 equipment configurations. Accordingly, the Company has developed standard
16 drawings and material lists.

17

18 The materials and standard construction configurations used are vetted by PNM’s
19 Distribution Standards Department to ensure facilities are constructed to meet
20 current National Electrical Safety Code requirements and the designs are consistent
21 with industry norms. From these standard drawings PNM created “Compatible
22 Units” in its work management system. The designer uses the Compatible Units to
23 construct the design map for the project. The work management system generates

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1 a complete material list and an estimate of the construction labor-hours necessary
2 to construct the project. The system applies the current material costs and specific
3 labor rates to determine the PNM labor cost to construct the project.

4

5 **Q. HOW ARE OUTSIDE DISTRIBUTION CONTRACTOR COSTS**
6 **ESTIMATED?**

7 **A.** The PNM project manager also identifies the tasks to be performed by a contractor
8 if necessary. Contractor work typically includes line construction, trenching or
9 boring for underground distribution projects, as well as traffic control, removal and
10 replacement of landscaping, asphalt and sidewalks, and tree trimming. The designer
11 arranges to receive quotes for these tasks from approved PNM contractors.

12

13 **Q. HOW ARE FINAL ESTIMATED COSTS FOR DISTRIBUTION CAPITAL**
14 **PROJECTS DETERMINED AND REVIEWED?**

15 **A.** Costs for contractor work along with labor, material, right-of-way acquisition, and
16 any necessary environmental surveys or permitting work are entered into PNM's
17 work management system. The work management system is a program used by
18 PNM that compiles all the direct costs and applies labor rates and applicable
19 loadings to calculate a final cost estimate. PNM employs a peer review process for
20 distribution construction estimates. The review is usually conducted by a principal
21 or senior level engineer. In addition, the work is reviewed by the appropriate level
22 manager prior to authorization for construction. Finally, PNM seeks input during
23 the final design review through construction phases of the process from other

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1 internal stakeholders such as system engineering, operations, construction, land
2 services, environmental, regulatory and others as needed.

3

4 **Q. DOES PNM TAKE STEPS TO ENSURE THAT ITS DISTRIBUTION-
5 RELATED MATERIAL COSTS ARE REASONABLE?**

6 **A.** Yes. PNM manages its distribution-related material costs through an agreement
7 with a wholesale material supplier that provides the bulk of materials for
8 distribution construction. This supplier also supplies materials to many other
9 utilities and consequently has much greater buying power than PNM, helping to
10 keep costs low. This allows PNM to reduce its on-site stock, which is primarily
11 used for responding to emergency work. The supplier maintains stock on hand to
12 achieve a required availability rate of materials for PNM based upon PNM's
13 historical usage. PNM notifies the supplier in advance of major orders to help keep
14 lead times to a minimum.

15

16 PNM performs quarterly audits of the supplier's pricing to verify its acquisition
17 costs, mark-ups and rebates or discounts are appropriate.

18

19 **VI. T&D CAPITAL PROJECTS CLEARING DURING THE CAPITAL
20 INVESTMENT PERIOD**

21

22 **Q. WHAT DO YOU ADDRESS IN THIS SECTION OF YOUR DIRECT
23 TESTIMONY?**

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1 **A.** In this section of my testimony, I support the Company’s capital investments
2 included in the Capital Investment Period. Below I describe certain representative
3 capital investments for each Company value driver. I provide justification and
4 descriptions for all T&D capital projects in PNM Exhibit WG-4 and PNM Exhibit
5 WG-5.

6
7 **Q. WHAT IS THE COMPANY’S FORECAST OF THE TOTAL T&D
8 CAPITAL CLEARINGS THROUGH THE END OF THE CAPITAL
9 INVESTMENT PERIOD?**

10 **A.** PNM’s total T&D capital forecast through the end of the Capital Investment Period
11 is \$999,764,124. PNM T&D’s capital investment clearings anticipated during the
12 Capital Investment Period are summarized in PNM Table WG-3, organized by the
13 Company’s value drivers. Included in the totals presented is PNM’s share of jointly
14 owned projects.

**PNM Table WG-3
T&D Capital Clearings**

PNM T&D Capital Clearings (Dollars in Millions)	
Transmission	
Value Driver	Capital Investment Period
Compliance	25.4
Environmental	0.77
Reliability	156.0
Safety	7.7
Security	6.1
System Performance	305.2
Projects less than \$25,000	0.08
Transmission Total	502.4
Distribution	

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Value Driver	Capital Investment Period
Compliance	119.6
Environmental	10.5
Reliability	292.7
Safety	28.5
Security	0.3
System Performance	45.7
Projects less than \$25,000	0.16
Distribution Total	497.3
Overall T&D Total	999.8
There may be differences between the sum of the individual driver and/or period amounts and Total amounts due to rounding.	

1 The jurisdictional allocations of these investments are discussed by PNM witness
2 Sanders.

3
4 PNM classifies its capital investments as specific projects or blankets, which I
5 discuss below.

6
7 **Q. PLEASE DESCRIBE WHAT IS MEANT BY “SPECIFIC” CAPITAL**
8 **PROJECTS.**

9 **A.** Specific capital projects generally are those valued at over \$100,000 or that address
10 an unforeseen unique or specific capital improvement necessary for the safe and
11 reliable operation of the electric system. Examples of specific capital projects
12 include transmission lines, substations, switchyards, large distribution feeder
13 extensions and larger equipment replacements or upgrades.

14

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1 **Q. PLEASE DESCRIBE WHAT IS MEANT BY A “BLANKET” CAPITAL**
2 **INVESTMENT.**

3 **A.** Blanket investments comprise those costs that would not separately constitute a
4 specific project. For example, a new transmission line or substation would
5 constitute a specific project; however, the repair of a single utility pole is not large
6 enough to be a specific project, and, therefore, would fall into the applicable blanket
7 investment category.

8
9 Blanket investments fall into three main categories: Distribution Blankets, Yearly
10 projects, and General Plant. Each category includes numerous projects that
11 generally have a cost under \$250,000.

12
13 Distribution Blanket projects include line extensions for providing new or upgraded
14 service, removal and replacement of failing equipment, removal and replacement
15 of distribution facilities as may be necessary after storms or for public improvement
16 projects, minor system improvements for improving voltage or capacity levels, new
17 service conductor installations, transformer purchases, meter purchases, emergent
18 underground distribution cable and pole replacements of failed or rotting
19 equipment, cable and pole replacements, and streetlight installations and removals.

20
21 Yearly project blankets typically cover smaller capital improvements, equipment
22 replacement or rehabilitation, upgrades, minor relocations and enhancements to
23 existing facilities, including electrical system communications infrastructure,

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1 transmission lines, distribution substations, switchyards, distribution bird guarding;
2 and minor distribution equipment replacements identified through line patrols.
3 Yearly projects also include PNM’s share of investments in jointly owned
4 transmission projects identified earlier in my testimony.

5

6 General Plant projects include distribution and transmission tools and equipment
7 and communications equipment.

8

9 **Q. WHAT INFORMATION DOES PNM REQUIRE TO SUPPORT T&D**
10 **CAPITAL PROJECTS?**

11 **A.** Descriptions of the forecasted Capital Investment Period clearings for all T&D
12 capital projects can be found in PNM Exhibits WG-4 (Transmission) and WG-5
13 (Distribution). Each project is identified by its project name and project
14 identification number. Detailed project information including project justifications,
15 estimated completion dates, alternatives reviewed and budget figures by cost type
16 are hyperlinked from the project identification numbers on the table of contents
17 sheet in the electronic versions of PNM Exhibits WG-4 and WG-5.

18

19 Select significant and representative T&D capital investments that clear during the
20 Capital Investment Period are described below, organized by value driver—*i.e.*,
21 compliance, environment, reliability, safety, security, and system performance.

22

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A. Investments to Ensure Compliance

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Q. PLEASE PROVIDE EXAMPLES OF T&D CAPITAL INVESTMENTS WHOSE PRIMARY DRIVER IS TO ENSURE COMPLIANCE.

A. Examples of capital investments whose primary driver is to ensure compliance include the following:

- San Juan Solar/Transmission Project No. 65008994/\$9.1 million. The purpose of this project is to construct the necessary facilities to interconnect a 400 MW solar project with battery storage, the San Juan Solar Center 1 Energy project which is currently contracted for 200MW and an ultimate capacity of 400MW, to PNM’s transmission system pursuant to PNM's OATT. To facilitate the interconnection, PNM first secures or acquires the necessary land, permits, and right-of-way for the interconnection. PNM will then construct or cause construction of the San Juan North 345 kV substation in accordance with PNM standards and specifications, which will be connected to the existing San Juan 345 kV Switching Station via a 345 kV tie.
- Transportation Electrification Program (TEP) Buildout/Distribution Project Nos. 10005123, 10029923/\$4.1 million (total). This project is required to implement the whole-home electric vehicle (WHEV) pilot rate approved by the Commission. The purpose of the TEP Buildout Project is to purchase, install and configure the software and hardware required to implement the new WHEV rate. This includes the hardware, software, and advanced meters necessary to implement the WHEV.

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- 1 • Single Phase Underground Residential Distribution Cable Replacement/
2 Distribution Project No. 60001721/\$5.3 million. This project is to install new
3 conduit and conductors to address aging underground single-phase residential
4 cables. As existing single-phase cables degrade over time, they are susceptible
5 to cable failure or faults. As cables begin to fail, more customers are impacted
6 with longer outage durations. PNM will perform inspections, integrity testing,
7 assessments, designs, materials, and construction across various focus areas in
8 the PNM underground distribution system.

B. Investments to Achieve Environmental Benefits

11 **Q. PLEASE PROVIDE EXAMPLES OF T&D CAPITAL INVESTMENTS**
12 **WHOSE PRIMARY DRIVER IS TO ACHIEVE ENVIRONMENTAL**
13 **BENEFITS.**

14 **A.** Examples of capital investments whose primary driver is to achieve environmental
15 benefits include the following:

- 16 • Bird Guard Reliability and Avian Improvements Projects/Distribution Project
17 Nos. 10002316, 15002316, 41002316, 60001617/\$2.2 million (total). The
18 Company's bird guarding projects involve the installation of protective covers
19 for overhead distribution facilities or other equipment to prevent birds and other
20 wildlife from coming into contact with energized facilities. The installation of
21 bird guard equipment will reduce outages caused electrical facilities coming
22 into contact with birds and other animals.

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1 • Eastern New Mexico 345 kV Bird Guarding/Transmission Project No.
2 65008219/\$0.5 million. The Company has engaged an avian conservation and
3 research organization to help identify and mitigate the cause of interruptions on
4 the BB transmission line corridor related to raptor and other large bird
5 interference. The Company will install perch diverters to keep birds away from
6 transmission conductors. These investments will reduce system interruptions
7 caused by bird interference.

8 • Electric Vehicle (EV) Charging Infrastructure/Transmission Project No.
9 64830022; Distribution Project No. 60030322/\$0.3 million (Transmission);
10 \$6.9 million (Distribution). This project will supplement and upgrade the
11 existing EV charging infrastructure at the Santa Fe Electric Service Center,
12 Albuquerque Electric Service Center, Silver City Electric Service Center,
13 Alamogordo Electric Service Center, Deming Electric Service Center, and
14 Ruidoso Electric Service Center. PNM will install direct current fast charger
15 “(DCFC)” units at all of these sites, with some sites getting multiple chargers
16 to support the anticipated number of EVs that will be acquired in the coming
17 years. These DCFCs will allow for the full charging of light duty EVs in under
18 30 minutes and heavy duty EVs in under two hours, facilitating the movement
19 of EVs from location to location. In addition, this project will also expand the
20 number of level 2 (L2) chargers, usually used for overnight charging, at these
21 service center sites to support the growing number of light duty EVs in the fleet.

22

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C. Reliability Investments

1
2 **Q. PLEASE PROVIDE EXAMPLES OF T&D CAPITAL INVESTMENTS**
3 **WHOSE PRIMARY DRIVER IS RELIABILITY.**

4 **A.** Examples of capital investments whose primary driver is reliability include the
5 following:

- 6 • Distribution Feeder Rebuilds/Distribution Project Nos. 14001621, 15201621,
7 41001721, 41005221, 10003020, 10003521, 10003621, 10003721, 10003722,
8 10005121/\$43.5 million (total). These projects consist of rebuilds for backbone
9 distribution feeders in PNM's service territory, particularly focusing on the
10 Albuquerque metro region, to enable distribution feeders to support and connect
11 customer and community distributed energy resources, including EVs, while
12 addressing aging infrastructure and improving distribution system security and
13 stability. The distribution feeder rebuilds aim to allow PNM to utilize dispatchable
14 generation and battery energy storage systems to provide grid services for voltage
15 support and provide relief on constrained feeders. The distribution feeder projects
16 also reduce customers outages, decrease fire hazards, and reduce environmental
17 impacts.
- 18 • Palomas Substation/Transmission Project No. 65009319/\$15.6 million. This
19 project consists of the construction of the Palomas (a.k.a. La Cueva) Substation.
20 The substation is necessary to provide transformer and feeder capacity to
21 accommodate the projected load growth in the north Albuquerque area north of
22 Paseo Del Norte Boulevard and east of Interstate 25. The substation will
23 initially include one or two 115-12.47 kV, 33.6 MVA transformers, a five-

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1 feeder switchgear with a main breaker, and a 4-breaker ring. The substation is
2 planned to tap a nearby 115 kV transmission line. The new substation will
3 enable load on existing feeders to be reduced and allow existing feeders that
4 serve load in the area to be shortened, resulting in improved voltage quality.
5 These enhancements will increase current reliability and ensure that PNM can
6 support future load growth in the region.

- 7 • 345 kV Structure Replacements/Transmission Project Nos. 64807323, 65009122,
8 65009618/\$27.7 million. This project consists of replacing existing wooden K-Frame
9 tangent structures with steel H-Frame structures on the FW 345 kV transmission line.
10 This 345kV transmission line is over 50 years old and reaching the end of its useful
11 life. As this structure ages, its risk of failure increases. The 345kV transmission lines
12 carry the bulk electric grid power necessary for support and delivery of customer
13 energy and capacity needs. It is critical to mitigate any risks to bulk electric operations,
14 as failure of these lines can cause extended and widespread outages.

- 15 • Critical Transformer Spares Project/Distribution Project No. 60005522/\$23.8
16 million. This project addresses the gap in the projected amount of critical spares
17 PNM would need in the coming years in medium-sized power transformers.
18 PNM recently standardized its power transformer size to one that has significant
19 interchangeability throughout the transmission and distribution systems as part
20 of PNM's continued push towards comprehensive system standardization. Due
21 to the increasing lead times and pricing, it is necessary for PNM to purchase
22 power transformers for projects already identified as priorities in 2024 along
23 with strategic spares for unforeseen emergency situations. PNM has opted for

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1 a bulk order purchasing model for equipment with typically long lead times to
2 head off any future construction delays. This approach ensures that major
3 equipment crucial to these projects are readily available during scheduled
4 construction outages.

- 5 • West Mesa Control House Replacement/Transmission Project No.
6 65008392/\$16.1 million. This project involves replacing the existing West
7 Mesa Control House with a larger control house to house more modern
8 protection systems (e.g., relays). The scope involves completing a detailed
9 building specification for the procurement of a new and larger 230kV/345kV
10 control house; procuring the new control house including batteries, marshalling
11 cabinets, and cable trays; evaluating the existing station AC auxiliary service
12 circuits and loads based on current demand and the needs of the new larger
13 control house, and finalizing these circuits for the new control houses; and lastly
14 installing and energizing the new West Mesa 230/345kV control house
15 replacement which includes installing new pier foundations, cable trays,
16 generators, and station service voltage transformer, as well as any additional
17 repairs/replacements of related distribution material/equipment.

D. Safety Investments

18
19
20 **Q. PLEASE PROVIDE EXAMPLES OF T&D CAPITAL INVESTMENTS**
21 **WHOSE PRIMARY DRIVER IS SAFETY.**

22 **A.** Examples of capital investments whose primary driver is safety include the
23 following:

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- 1 • Wildfire Mitigation/Transmission Project No. 64807143; Distribution Project
2 No. 10002321/\$1.0 million (Transmission); \$ 6.1 million (Distribution). This
3 project will be used to perform analysis, design, and construction aimed to
4 reduce possible ignition sources and thereby reduce the risk of wildfire to the
5 approximately 685 miles of transmission and 2,119 miles of distribution lines
6 in Hazardous Fire Areas identified in PNM’s wildfire mitigation plan
7 (“WMP”).

8 The program will install wildlife protection, aerial cable systems, fire-safe
9 lightning arrestors, advanced relaying, non-wood poles, and replace other
10 devices to help reduce possible ignition sources. The funding will also cover
11 the cost of data collection, LiDAR surveys, field inventory, line inspection, and
12 modeling of the electric system to assist in the selection of appropriate
13 engineering solutions to prevent wildfire on the 2,804 distribution and
14 transmission line miles.

- 15 • Transmission Emergency and Aging Equipment Blanket (through 2024)/
16 Transmission Project No. 64807417/\$1.3 million. These blanket projects
17 address failing or functionally obsolete equipment at transmission substations.
18 Equipment purchased or replaced includes medium power transformers, relays,
19 circuit switches, and metal enclosed switchgear. The Company also purchases
20 equipment where procurement is expected to have long lead times due to the
21 difficulty of acquiring the equipment in a reasonable period of time. Proactively
22 purchasing replacement equipment enables PNM to minimize system
23 downtime.

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1

E. Security Investments

2

**Q. PLEASE PROVIDE EXAMPLES OF T&D CAPITAL INVESTMENTS
WHOSE PRIMARY DRIVER IS SECURITY.**

3

4

A. Examples of capital investments whose primary driver is security include the following:

5

6

- NERC Physical Security/Transmission Project Nos. 65008117, 65008143/\$5.2 million. The purpose of this project is to procure and install physical security systems. This project is the continuation of a long-term initiative to promote station security and to ensure North American NERC Critical Infrastructure Protection (“CIP”) security requirements. Specifically, these systems and enhancements will physically harden infrastructure to enable PNM to detect, deter, delay, defend, and respond to potential threats, and help prevent or mitigate damage to critical transmission systems.

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F. System Performance Investments

16

**Q. PLEASE PROVIDE EXAMPLES OF T&D CAPITAL INVESTMENTS
WHOSE PRIMARY DRIVER IS SYSTEM PERFORMANCE.**

17

18

A. Examples of capital investments whose primary driver is system performance include the following:

19

20

- Los Lunas Capacity Expansion/Transmission Project Nos. 65009422, 65009950/\$53.1 million. The Los Lunas project is a system improvement to support future residential, commercial, and industrial load growth, inclusive of an existing data center, in the Village of Los Lunas in Valencia County. Among

21

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1 other things, the project includes constructing a new 115kV Substation (named
2 Rattlesnake), making modifications to the existing 115kV Huning Ranch
3 Substation, and building a new 115kV double circuit transmission line between
4 the Rattlesnake 115kV Substation and Huning Ranch 115kV Substation to
5 serve data center load expansions from 200MW to 275MW over time. The
6 subsequent phase includes constructing a new 345kV/ 115kV substation named
7 Hidden Mountain, and two new 115kV transmission lines from Rattlesnake to
8 Hidden Mountain.

- 9 • Sky Ranch Project/Transmission Project No. 65009321/\$83.7 million. This
10 project involves constructing a new 115kV substation called the Sun Ranch
11 Substation, building a new 115kV line between Sun Ranch and Rattlesnake
12 substations, rebuilding PNM's existing Los Morros to Sun Ranch and Huning
13 Ranch to Los Morros lines, upgrading the voltage on PNM's existing 46kV
14 Person to Tome line to 115kV, building a new 115kV terminal at Person
15 substation, building a new 115kV terminal at Tome substation, and
16 interconnecting NextEra's Sky Ranch substation. Once completed, this project
17 will allow for increased load and enhanced system reliability by installing the
18 equipment necessary to comply with various NERC and WECC requirements
19 and reliability standards.

- 20 • Atrisco Interconnection/Transmission Project No. 65009522/\$24.4 million.
21 Atrisco is a future switching station located on one of PNM's existing Rio
22 Puerco-West Mesa 345 kV lines. This station enables interconnection of a 400

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1 power system; schedule the outages and maintain and repair the stations, lines and
2 equipment; perform vegetation management activities on and around T&D
3 facilities and structures; and perform system reliability, interconnection and
4 engineering cost studies. In addition, O&M expenses include the amortization of
5 T&D right-of-way acquisition costs, regulatory assessment fees, costs for vehicle
6 leases, miscellaneous materials and supplies, and the cost of obtaining transmission
7 service over non-PNM systems (*i.e.*, third-party transmission expenses).

8
9 **Q. PLEASE DESCRIBE THE PROCESS THAT PNM USES TO DEVELOP ITS**
10 **O&M BUDGET FOR T&D EXPENSES.**

11 **A.** PNM's O&M budget is developed through a multi-step process. Each department
12 within the PNM T&D organization reviews data from previous years and evaluates
13 known changes. Each department then adjusts the projection based on historical
14 data for known variances that may typically include factors such as scheduled
15 maintenance work and additional contract studies. This information is input into
16 PNM's budgeting system and costs are typically projected for five years using
17 standard escalation rates for these components. PNM witness Sanders addresses
18 the escalation rate for labor and non-labor costs. Examples of categories that are
19 reviewed include staffing levels, payroll (*i.e.*, labor costs, including both straight
20 time and overtime), outside services, employee expenses, equipment and materials.
21 Senior management must review and approve the final O&M budget. In addition,
22 as I explain below, PNM has reflected additional O&M expenses that Company
23 will incur during the linkage data and the Test Period.

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1

2 **Q. WHAT IS THE BUDGETING PROCESS FOR JOINTLY OWNED**
3 **TRANSMISSION FACILITIES?**

4 **A.** For the jointly owned transmission facilities, the operating agent for each facility
5 (which may be PNM or another transmission operator) prepares an annual O&M
6 budget proposal. The respective Engineering & Operating committees, on which
7 PNM has representation for each facility where it is an owner, is presented the
8 annual O&M budgets and votes on the approval of such budgets. PNM then
9 internally budgets for these activities based upon the approved annual projected
10 O&M budgets prepared by the operating agent and approved by the appropriate
11 committees. The operating agents are responsible for the necessary maintenance
12 and repairs to the transmission facilities and invoice the other joint owners for their
13 respective share of O&M costs.

14

15 **Q. HOW DOES PNM MONITOR AND CONTROL ITS O&M COSTS?**

16 **A.** PNM constantly monitors its O&M expenditures and reviews all aspects of its
17 operations for potential savings. The T&D leadership team conduct reviews of the
18 O&M budget with department heads on a monthly and quarterly basis. The purpose
19 of these reviews is to monitor T&D O&M expenses and make sure that
20 expenditures are reasonable and within the expected amounts. Appropriate efforts
21 are made to help ensure that the O&M expenditures remain within budget.

22

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1 **Q. PLEASE DESCRIBE PNM'S O&M EXPENDITURES IN THE BASE**
2 **PERIOD.**

3 **A.** The Company's Base Period O&M expenditures are the actual O&M expenditures
4 related to T&D functions during the twelve months ending June 30, 2022. PNM's
5 Base Period O&M expenses are supported by the Company's books and records
6 and included in the unadjusted base period presented by PNM witness Sanders.
7 These expenditures were subject to the rigorous budgeting and cost control
8 measures I described above. PNM's methodology for forecasting O&M costs in
9 the Test Period is discussed by PNM witness Sanders.

10

11 *B. Proposed Adjustments to O&M Expenditures for the Test Period*

12 **Q. IS PNM PROPOSING ADJUSTMENTS TO THE COMPANY'S BASE**
13 **PERIOD O&M EXPENDITURES THAT WILL BE REFLECTED IN THE**
14 **TEST PERIOD?**

15 **A.** Yes. Table PNM Table WG-4 below summarized the incremental labor and non-
16 labor expenses reflected in the test period.

17

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**PNM Table WG-4
PNM T&D TEST PERIOD ADJUSTMENTS
(dollars in millions)**

	2023	2024	Cumulative Total
Transmission			
Internal Labor *	-	-	-
Non-Labor	1.2	1.6	2.8
Total Transmission	1.2	1.6	2.8
Distribution			
Internal Labor *	1.2	0.8	2.0
Non-Labor	2.1	1.1	3.1
Total Distribution	3.2	1.9	5.1
Total Incremental O&M	\$ 4.4	\$ 3.5	\$ 7.9
* Labor expenses do not include annual escalations. See the direct testimony of PNM Witness Sanders for modeling and escalations of labor expense included in the revenue requirement model.			

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The Company proposes adjustments of approximately \$5.93 million in incremental non-labor O&M expenses for the T&D systems to be reflected in the Test Period. The additional O&M expenditures fall into the following categories: (1) increased wildfire mitigation plan-related (“WMP”) activities, (2) increased expenses for vegetation management, (3) increased maintenance on PNM’s T&D aging infrastructure, and (4) increased expenditures related to compliance with FERC and NERC Reliability Standards.

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1 In addition, PNM proposes approximately \$2.0 million in incremental labor O&M
2 expenses for T&D systems, resulting in the addition of 50 new full-time personnel.⁴
3 The incremental labor expenses are based on the need to increase headcount to
4 support the growth and increasing maintenance needs of the electric system, and
5 support the proposed infrastructure improvement projects. These are necessary to
6 support the need for training for line team apprentices and to develop future line
7 workers to support the ongoing growth and maintenance of the electric system.

8
9 The proposed incremental O&M expenses begin in the linkage period and continue
10 through the Test Period. My testimony provides support for the incremental non-
11 labor O&M expenses in the sections below.

12
13 *a. WMP-Related Activities*

14
15 **Q. PLEASE DESCRIBE THE COMPANY'S WMP-RELATED O&M**
16 **EXPENDITURES.**

17 **A.** The WMP includes five program elements: (1) risk analysis, (2) preventative
18 programs and strategies, (3) a fire weather operating plan, (4) emergency
19 preparedness, and (5) customer support.

20
21 The risk analysis comprehensively assesses wildfire risk throughout the PNM's
22 service territory and at substations. The service territory assessment uses a

⁴ Full-time personnel are allocated between capital and O&M. The \$2 million shown reflects the O&M allocation, the remaining labor charged to capital, is included in capital projects.

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1 geographic information system (GIS) assessment to identify areas with the highest
2 wildfire risk. PNM can use the results to prioritize fire hardening activities, enhance
3 inspection and maintenance activities, implement field work restrictions during
4 critical fire weather and make system operations decisions. The substation
5 assessment required onsite assessments to determine which substations are at
6 highest risk of having an internal equipment fire spread. PNM prioritizes
7 treatments for substations that score highest in its risk assessments.

8
9 The preventative programs and strategies include vegetation management, outage
10 and ignition management, engineering and technical solutions, implementing
11 design and construction practices, enhanced inspection and maintenance, and
12 system protection from wildfire. These efforts focus on high fire areas in PNM's
13 system and are in addition to routine vegetation management conducted on other
14 facilities.

15
16 The fire weather operating plan implements industry best practices for increasing
17 situational awareness based on meteorological conditions, predictive tools, and
18 monitoring. Improved situational awareness informs operational practices, such as
19 the need to escalate work restrictions or implementing a public safety power shutoff
20 ("PSPS"). PSPS events require close coordination between PNM field operators,
21 dispatchers, state, local and federal agencies and the community at-large.

22

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1 Finally, the WMP’s emergency preparedness element includes wildfire response
2 and recovery of wildfire zones. The WMP provides that PNM will support fire
3 discovery and reporting efforts as well as methods to evaluate fire risk and
4 communicate fire information as appropriate.

5

6 **Q. WHY HAVE COSTS FOR THE WMP INCREASED FROM THE BASE**
7 **PERIOD TO THE TEST PERIOD FOR THE WMP-RELATED**
8 **ACTIVITIES?**

9 **A.** The WMP will require additional monitoring and analysis, preventative
10 maintenance, emergency preparedness and customer outreach to continue a
11 proactive approach to preventing catastrophic wildfires caused by utility
12 equipment. PNM’s WMP efforts are expanding to meet changing climate
13 conditions and increased spending is necessary to expand infrastructure
14 maintenance and monitoring in high fire risk areas.

15

16 **Q. WHY ARE THE WMP COSTS PRUDENT?**

17 **A.** PNM must adapt to climate change and resulting changes in the operating
18 environment. The WMP strives to prevent catastrophic wildfires caused by utility
19 infrastructure by identifying risks for wildfire ignition and spread in advance and
20 coordinating efforts to reduce those risks, while also improving monitoring and
21 coordination capabilities. These efforts will enhance grid resiliency and public
22 safety.

23

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1 **Q. WHAT IS PNM'S FORECAST OF INCREMENTAL T&D O&M**
2 **EXPENDITURES RELATED TO WMP ACTIVITIES FOR THE TEST**
3 **PERIOD?**

4 **A.** These activities will comprise approximately \$0.9 million in incremental O&M
5 expenditures reflected in the Test Period and includes both transmission and
6 distribution expenses as discussed above. These costs are summarized in PNM
7 Table WG-5.

8 **PNM Table WG-5**

WMP Activity	Test Period Expenditure	FERC Account
Wildfire Mitigation Management - Transmission	\$ 225,000	571, Maintenance of overhead lines (Transmission – major);
Wildfire Mitigation Management - Distribution	\$675,000	593 Maintenance of overhead lines (Distribution – major)
Total	\$ 900,000	--

9

10 *b. Enhanced Vegetation Management*

11

12 **Q. PLEASE DESCRIBE THE COMPANY'S VEGETATION MANAGEMENT**
13 **ACTIVITIES FOR ITS T&D SYSTEMS.**

14 **A.** Vegetation management is a key part of any utility's reliability program and PNM's
15 distribution circuit maintenance is planned based on the length of time since
16 vegetation at or near a facility has last been trimmed as well as outage performance
17 data. Customer calls and requests from Line Departments also generate work
18 requests for the vegetation crews. These requests are prioritized with crews
19 dispatched based on the urgency of the request and crew availability. PNM

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1 vegetation management efforts apply to all of its T&D facilities. The enhanced
2 vegetation management expenses discussed in this section are separate from the
3 enhanced vegetation management that occurs in high fire areas pursuant to the
4 WMP.

5
6 PNM schedules and performs vegetation management on NERC designated
7 transmission lines every year. NERC designated lines are transmission lines
8 operating at 230kV or greater. Non-NERC lines are patrolled, and tree-trimming
9 work is performed as needed.

10
11 **Q. PLEASE DESCRIBE THE NEED FOR ENHANCED VEGETATION**
12 **MANAGEMENT ACTIVITIES ON PNM'S T&D SYSTEMS.**

13 **A.** Extreme weather events like wildfires, hurricanes, and blizzards, have increased in
14 frequency and severity across the country. In the Western United States
15 specifically, higher temperatures throughout extended spring and summer seasons
16 have led to drought and decreased snowpack in the mountains. These conditions
17 can intensify the devastating effects of wildfires in areas already prone to risk
18 throughout the hottest and driest months of the year. For utilities like PNM that
19 have a significant amount of T&D infrastructure in or near high-risk areas,
20 particularly in southern New Mexico and the Eastern Mountains area, the
21 implications of inaction are grave. Through enhanced vegetation management
22 activities and the WMP activities, the Company can improve the resiliency of its
23 T&D system while simultaneously keeping customers and the electric system safe.

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1 **Q. WHAT RISKS DO UTILITIES FACE WHERE THERE ARE EXTREME**
2 **WEATHER EVENTS?**

3 **A.** Extreme weather events pose extraordinary risk for utility companies and their
4 customers. Utilities that have not appropriately hardened or protected infrastructure
5 risk leaving their customers and system without recourse in the event of outages.
6 In addition, utilities may have exposure to potential liability, as is the case in
7 California, which can have adverse impacts on customers, the utility, and the
8 regulatory system. Wildfire-related costs have contributed to the bankruptcy of one
9 California utility. PNM believes that continued and increased investment in
10 vegetation management activities today is a prudent course of action to mitigate the
11 risks associated with extreme weather events in the future. The Company has
12 engaged a full-time consultant who has worked with San Diego Gas & Electric
13 Company, an industry leader in wildfire mitigation practices.

14
15 **Q. WHAT ACTIVITIES IS THE COMPANY UNDERTAKING TO ENHANCE**
16 **ITS VEGETATION MANAGEMENT FOR THE T&D SYSTEM?**

17 **A.** PNM's efforts include expanding vegetation management activities on its
18 transmission system, including enhanced patrol techniques using LiDAR, and
19 removing fuel loading.

20
21 **Q. WHY IS INCREASED SPENDING FOR ENHANCED VEGETATION**
22 **MANAGEMENT REASONABLE?**

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1 **A.** PNM’s vegetation management program has reduced the overall impacts of
2 vegetation caused outages and improved reliability. However, growth of the
3 electric system and rising annual costs have reduced the program’s effectiveness
4 over the last five years. Average annual vegetation management costs have
5 increased by approximately 9% per year. PNM has increased the spending through
6 the linkage data and the Test Period consistent with the industry standard per-mile
7 rates to reduce the risk of outages and wildfires caused by electric infrastructure
8

9 **Q. WHAT IS PNM’S FORECAST OF INCREMENTAL T&D O&M
10 EXPENDITURES RELATED TO VEGETATION MANAGEMENT?**

11 **A.** These activities comprise approximately \$2.0 million in incremental O&M
12 expenditures reflected in the Test Period and includes both transmission and
13 distribution expenses as discussed above. These costs are summarized in PNM
14 Table WG-6.

PNM Table WG-6

Vegetation Management	Test Period Expenditure	FERC Account
Additional Transmission Vegetation Management	\$ 300,000	571 Maintenance of overhead lines (Transmission – major)
Additional Distribution Vegetation Management	\$ 1,700,000	593 Maintenance of overhead lines (Distribution – major)
Total	\$ 2,000,000	--

16

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1

C. Increased Infrastructure Maintenance

2

**Q. WHY HAVE O&M EXPENSES RELATED TO T&D INFRASTRUCTURE
MAINTENANCE INCREASED IN RECENT YEARS?**

3

4

A. T&D assets require routine maintenance to ensure continuity of service and reliable performance for our customers. Due to the age of many PNM facilities, the Company must inspect these facilities regularly, and aging infrastructure generally requires more maintenance than new facilities.

5

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In addition to issues related to aging infrastructure, PNM's T&D maintenance must account for the significant growth in the T&D systems in recent years. The PNM T&D systems have grown considerably, as discussed above, to accommodate new load and generation resources. The increased quantity of T&D assets requires additional technically trained personnel to conduct regular maintenance.

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**Q. HOW DOES PNM DETERMINE WHERE MAINTENANCE IS NEEDED
ON THE DISTRIBUTION SYSTEM?**

16

17

A. PNM tracks reliability performance. The Company assigns reliability performance of all our circuits based on System Average Interruption Duration Index ("SAIDI") performance, number, and type of disturbances. These circuits are then ranked from worst-performing to best-performing and the 30 worst-performing circuits are assigned for thorough patrols, and work to correct deficiencies. This system equates to a 20-year cycle to perform routine inspection and maintenance on all of

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1 PNM's 615 distribution circuits. Patrol work is largely an O&M expense, but where
2 equipment must be replaced, there can also be capital investments.

3
4 Maintenance work is also generated through the Company's equipment failure
5 database maintained in the Distribution Operations Center. This is emergent work
6 and not scheduled as a part of the routine circuit maintenance, but rather assigned
7 to crews to address system component failures that directly affects the routine
8 operation of the system and outage restoration. Examples of this work include
9 repairing underground cable faults, overhead capacitor banks and SCADA
10 controlled switches, as well as manually operated switches, equipment damaged by
11 vehicles and other equipment failures.

12
13 The Company also performs routine inspections and maintenance of underground
14 distribution systems. These inspections occur on a 5-year cycle. PNM's downtown
15 Albuquerque network distribution system is over 40 years old. Much of this
16 inspection and maintenance work is classified as O&M and the Company must
17 maintain a sufficient budget to meet this obligation.

18

19 **Q. HOW DOES PNM DETERMINE WHERE MAINTENANCE IS NEEDED**
20 **ON THE TRANSMISSION SYSTEM?**

21 **A.** Transmission Line maintenance is tracked by the Transmission Line Department.
22 Each year roughly one-fifth of the transmission lines are patrolled by the
23 Transmission Line Department, either by helicopter patrols, or a lineman travelling

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1 the line and performing a visual inspection. As a result of these patrols and
2 inspections, deficiencies are noted, and work is scheduled with PNM's Power
3 Operations group.

4
5 PNM has roughly 70 Transmission Switching stations throughout the New Mexico
6 service territory. Major maintenance for PNM's auto transformer fleet is on a 5-
7 year cycle and major circuit breaker maintenance is performed on a 5-year cycle as
8 well.

9
10 **Q. DOES PNM PERFORM EMERGENT OR EMERGENCY WORK ON ITS**
11 **TRANSMISSION SYSTEM?**

12 **A.** Yes. Emergency maintenance work is generated as the result of patrol activity or
13 from the Power Operations team reports. Emergent work is usually the result of a
14 line outage and is scheduled with our Power Operations group in accordance with
15 WECC requirements. Emergency work is not part of the Company's scheduled
16 maintenance activities.

17
18 **Q. WHAT ACTIVITIES IS THE COMPANY UNDERTAKING TO ADDRESS**
19 **POTENTIAL PROBLEMS ASSOCIATED WITH THE AGE OF THE T&D**
20 **SYSTEMS?**

21 **A.** PNM's efforts include increased patrolling activities on its transmission system.
22 The Company has increased the frequency of its patrolling and is using new
23 technology, such as corona cameras and infra-red cameras. Maintenance activities

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1 on PNM’s distribution system include systematic patrol and maintenance of the
2 worst-performing circuits, systematic pole inspection and replacement,
3 replacement of underground cables, and increased inspection of equipment in
4 underground vaults and manholes.

5

6 **Q. WHAT IS PNM’S FORECAST OF INCREMENTAL T&D O&M**
7 **EXPENDITURES RELATED TO AGING T&D INFRASTRUCTURE**
8 **MAINTENANCE ACTIVITIES FOR THE TEST PERIOD?**

9 **A.** These activities comprise approximately \$1.5 million in incremental O&M
10 expenditures reflected in the Test Period which includes both transmission and
11 distribution expenses as discussed above. These costs are summarized in PNM
12 Table WG-7, below.

13

PNM Table WG-7

Aging Infrastructure Maintenance Activities y	Test Period Expenditure	FERC Account
Increased Maintenance – Transmission	\$ 500,000	563 Overhead line expense (Transmission – major)
Overhead lines – Distribution	\$300,000	593 Maintenance of overhead lines (Distribution – major)
Underground lines – Distribution	\$700,000	594 Maintenance of underground lines (Distribution – major)
Total	\$ 1,500,000	--

14

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1 **Q. WHAT ACTIVITIES IS THE COMPANY UNDERTAKING RELATED TO**
2 **PNM’S DISTRIBUTION SUBSTATION MAINTENANCE?**

3 **A.** PNM’s efforts include maintenance on the Company’s distribution substations to
4 ensure safe and reliable operation of these critical facilities. The number of
5 substations has increased over the last several years due to the significant growth
6 in recent years. The increased number of substations assets requires additional
7 funding to conduct regular maintenance. These activities comprise approximately
8 \$0.13 million in incremental O&M expenditures reflected in the Test Period.

9

10 ***D. T&D-Related Compliance and Study Requirements***

11 **Q. PLEASE DESCRIBE THE NEW COMPLIANCE COSTS PNM HAS**
12 **FORECAST FOR THE TEST PERIOD.**

13 **A.** FERC and NERC are in the process of developing new rules and study requirements
14 for transmission planning, coordination, and generator interconnection. These new
15 rules require PNM to perform additional planning and coordination activities on a
16 regular basis. FERC’s proposed rules implement reforms to the existing OATT and
17 Large Generator Interconnection Process “(LGIP)” by requiring PNM to: (1)
18 perform transmission planning studies over a 20-year time horizon (increased from
19 the current 10-year horizon), (2) provide data transparency through creation and
20 maintenance of an interactive visual representation of the system impact(s) of
21 potential generators in the LGIP studies, and (3) provide customer interconnection
22 data verification.

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1 Additional FERC rules seek to expand regional transmission coordination and
2 study requirements as well as expand requirements for extreme event definition,
3 study, and corrective action planning. NERC is concurrently expanding its
4 Transmission Planning Assessment to require Electromagnetic Transient Studies
5 for technical evaluation of renewables and other advanced technologies on the
6 transmission system, as well as require additional evaluation and implementation
7 of requirements for control systems interactions and ride-through capabilities.

8

9 From the state perspective, the NMPRC recently issued a revised integrated
10 resource plan (IRP) rule requiring expansion of transmission and distribution study
11 as part of the IRP. In addition, PNM has seen a significant rise in the number of
12 economic development customer requests for pricing and technical requirements to
13 serve their loads from the transmission and distribution systems.

14

15 **Q. WHAT IS PNM'S FORECAST OF INCREMENTAL REGULATORY**
16 **COMPLIANCE COSTS DURING THE TEST PERIOD?**

17 **A.** These activities comprise approximately \$1.5 million in incremental O&M
18 expenditures reflected in the Test Period. These costs are summarized in PNM
19 Table WG-8, below.

20

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PNM Table WG-8

Regulatory Compliance Activity	Test Period Expenditure	FERC Account
20-Year Transmission Planning Study & Stakeholder Process	\$300,000	561 Transmission Studies
On-Line Visual Transmission Hosting Capability Mapping	\$250,000	561 Transmission Studies
Regional Transmission Planning & Modeling	\$350,000	561 Transmission Studies
Extreme Weather Studies & Modeling	\$300,000	561 Transmission Studies
Electromagnetic Transients Study	\$250,000	561 Transmission Studies
Transmission Economic Development Studies	\$50,000	561 Transmission Studies
Total	\$ 1,500,000	--

2

3

E. Third-Party Transmission Services

4

Q. PLEASE DESCRIBE THE THIRD-PARTY TRANSMISSION SERVICES PNM PURCHASES FROM OTHER TRANSMISSION PROVIDERS TO SERVE ITS LOAD.

5

6

7

A. PNM purchases transmission service from APS, TEPCo, TSGT, and EPE to serve PNM load. This transmission service is used to deliver remotely located generation to PNM's load centers located throughout the state. The rates PNM pays for transmission service purchased from these transmission service providers are approved by FERC. These costs are included in the work papers of PNM witness Sanders. PNM also has transmission exchange agreements with WAPA under which PNM and WAPA provide transmission services to each other without the need for reciprocal payments.

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1 **Q. PLEASE DESCRIBE THE TRANSMISSION SERVICE EXCHANGE**
2 **AGREEMENTS BETWEEN PNM AND WAPA.**

3 **A.** The transmission service exchange agreements between PNM and WAPA are
4 Contract 2425 and Contract P0695. Under Contract 2425, PNM provides WAPA
5 140 MW of transmission service from Four Corners to West Mesa. In exchange,
6 PNM receives from WAPA 84 MW of transmission service from Westwing to Four
7 Corners. Under Contract P0695, PNM provides WAPA up to 107 MW of
8 transmission service between Four Corners and various points of delivery on
9 PNM's transmission system. In return, WAPA provides PNM 50 MW of
10 transmission service from Westwing to Four Corners. The net effect of the two
11 contracts is that PNM provides WAPA up to 247 MW of transmission service and
12 receives 134 MW of transmission service from WAPA on the Westwing to Four
13 Corners transmission path. PNM uses this transmission path to deliver 134 MW of
14 its Palo Verde generation entitlement to its New Mexico transmission system as a
15 network resource for service to PNM's native load customers.

16

17

VIII. BB2 PROJECT

18

19

20 **Q. WHAT IS THE PURPOSE OF THIS SECTION OF YOUR TESTIMONY?**

21 **A.** In this section of my testimony, I provide information in support of the prudence of
22 costs associated with the BB2 Project and the benefits it provides retail customers.

23

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1 **Q. WHAT IS THE BB2 PROJECT?**

2 **A.** The BB2 Project consists of several network upgrades to PNM's transmission
3 system that improve and expand available transmission capacity for all PNM
4 customers. It includes two 345 kV transmission lines that run 42 miles through
5 Sandoval and Santa Fe Counties from the pre-existing Clines Corner 345kV
6 Switching Station to the Project's 345 kV Diamond Tail Switching Station (located
7 north of the Albuquerque metro-area load center near Algodones, New Mexico),
8 and related facilities. The BB2 Project is an essential transmission facility
9 integrated with PNM's overall transmission system and has facilitated the further
10 development of renewable energy generation in New Mexico. The BB2 Project
11 serves PNM's retail customers as well as wholesale transmission customers. The
12 Commission approved PNM's request for a certificate of public convenience and
13 necessity ("CCN") for the BB2 Project in Case No. 18-00243-UT.

14

15 **Q. IS IT APPROPRIATE TO CONSIDER THE BB2 NETWORK UPGRADES**
16 **AS BEING EXCLUSIVELY ASSOCIATED WITH SPECIFIC POWER**
17 **PURCHASE AGREEMENTS?**

18 **A.** No. It is not appropriate to consider the network upgrades as assignable to specific
19 power purchase agreements for two reasons. First, network upgrades serve to
20 enhance capacity of the transmission system as a whole. For PNM's retail
21 customers, network upgrades like BB2 facilitate the delivery of power from PNM's
22 network resources to their homes and businesses. To the extent PNM has power

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1 purchase agreements that are enabled to have energy delivered to it is a benefit to
2 all retail customers.

3
4 Secondly, PNM had an obligation to construct the BB2 network upgrades to
5 interconnect certain large generating facilities that requested transmission service
6 under PNM's OATT. It is not appropriate to consider the network upgrades to be
7 assignable to specific power purchase agreements because the obligation to
8 construct the BB2 network upgrades comes entirely from entering into Large
9 Generator Interconnection Agreements ("LGIAs"), the agreement PNM enters into
10 with interconnection customers that provides the terms and conditions applicable
11 to the interconnection. LGIAs are governed by FERC's open access policy for the
12 transmission system and interconnection customers. PNM was required under the
13 LGIAs to construct the network upgrades which were necessary to interconnect the
14 projects associated with the BB2 line.

15

16 **Q. WHAT BENEFITS DOES THE BB2 PROJECT PROVIDE FOR PNM'S**
17 **CUSTOMERS?**

18 **A.** The BB2 Project enables the delivery of up to 362 MW of energy to PNM's
19 customers. Because of the project's location on the transmission system east and
20 north of the Albuquerque metro-area load center, the integration of the transmission
21 line and switching station provide additional system redundancies and improved
22 reliability for the system as a whole, by providing additional power flows for
23 delivery of energy within, across, and beyond PNM's service areas. Various

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1 renewable energy resources located in eastern New Mexico interconnect with the
2 BB2 Project and existing transmission facilities and are delivered to serve retail
3 load and regional markets. As an example, the BB2 line enabled interconnection
4 of the Leeward Renewable Energy Development project, providing capacity for a
5 145MW transmission service contract, with minimal upgrades, thereby shifting
6 transmission costs from retail to wholesale customers. Please see the testimony of
7 PNM witness Sanders for further discussion regarding the cost allocation for the
8 BB2 transmission line.

9

10 **Q. WHAT WERE PNM'S TOTAL COSTS TO BUILD THE BB2 PROJECT?**

11 **A.** The total cost to construct the BB2 Project was \$111.4 million. This final cost of
12 the project exceeded the estimated cost by approximately \$26.4 million. PNM
13 provided compliance filings updating and detailing the costs of the project in Case
14 No. 18-00243-UT.

15

16 As a result of the increased cost, PNM is requesting the Commission determine the
17 costs that exceeded the estimate provided in issuing a certificate of convenience
18 and public necessity have been prudently incurred. PNM has taken the same
19 approach for supporting this transmission project cost overrun as is set forth in Rule
20 17.3.580.11 NMAC, for certificated costs for generation plant additions.

21

22 **Q. WHY DID THE TOTAL COST TO CONSTRUCT THE BB2 PROJECT**
23 **EXCEED THE CERTIFICATED ESTIMATED COST?**

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1 **A.** The final engineering design required modifications to address site-specific
2 construction needs, and to ensure that the transmission structures meet required
3 engineering standards. These final design modifications increased the final
4 estimated cost of the BB2 project by approximately \$26.4 million, from an
5 originally estimated \$85 million, to approximately \$111.4 million. The updated
6 construction costs reflect the following:

7 • Changes to the structure designs to meet the requirements for the National
8 Electric Safety Code (“NESC”) regarding the class of transmission line
9 structures to meet specific locational, wind, and ice loading conditions
10 necessitated by localized geographies. The final NESC “Heavy” rather than
11 “Medium” class transmission structures provide increased strength and steel
12 content to support the physical load requirements identified in the final
13 engineering design.

14 • Modifications to final detailed engineering and design for the BA switching
15 station bus and breaker layout that allow for increased power flows on
16 PNM’s transmission facilities system. The switching station upgrades
17 provide grid resiliency and stability under a robust range of operating
18 conditions, improving transmission system integration and accommodating
19 increasing system needs.

20 Increases in construction budgets, including the addition of on-site mobile
21 concrete processing equipment required by the remote location and
22 corresponding unimproved road conditions across the project geographical
23 sites.

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1

2 **Q. WERE THE ACTUAL COSTS FOR THE BB2 PROJECT PRUDENT AND**
3 **REASONABLE?**

4 **A.** Yes. The actual costs incurred to construct the BB2 Project and related
5 transmission facilities were necessary to ensure the line functions safely and
6 effectively. In particular, upgrading the transmission structures to provide
7 increased strength and steel content to support the physical loads identified in the
8 final engineering design was necessary to ensure the line could withstand local
9 weather conditions. Switching station upgrades resulted in increased capacity and
10 improved reliability for portions of the overall system. Project construction was
11 conducted using competitive bid processes, and changes in design and construction
12 were reviewed to ensure the changes were necessary to meet engineering safety
13 standards, reliability and system expansion considerations, and site-specific
14 conditions. Therefore, the actual project costs of \$111.4 million were reasonable
15 and prudently incurred.

16

17

18 **IX. RIGHTS-OF-WAY RENEWALS AND LONG TERM LIABLITIES**

19

20 **Q. ARE THERE ANY RIGHTS-OF-WAY RENEWALS ACROSS TRIBAL**
21 **LANDS OR LANDS BEING HELD IN TRUST BY THE UNITED STATES**
22 **PROJECTED DURING THE LINKAGE DATA AND THE TEST PERIOD?**

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1 **A.** Yes, there are eight different transmission and several distribution rights-of-way
2 renewals across sovereign Pueblo and tribal lands expiring that will need to be
3 renewed. In addition to these, PNM is currently amortizing thirty separate right-
4 of-way accounts crossing the land of sixteen different entities which expire at
5 varying times between now and 2051. Twelve of these sixteen entities are Native
6 American.

7

8 **Q. WHY ARE THESE RIGHTS-OF-WAY RENEWALS REQUIRED TO**
9 **PROVIDE ELECTRIC SERVICE?**

10 **A.** PNM’s system is situated across a significant amount of sovereign tribal and Pueblo
11 lands. In accordance with federal regulations pertaining to rights-of-way across
12 sovereign tribal lands, many of PNM’s rights-of-way are restricted to a term of
13 years and expire at varying times throughout the life of those system facilities.
14 These rights-of-way are necessary to maintain and operate those facilities situated
15 on native lands. Each facility serves an integral role in the continued operation of
16 PNM’s transmission and distribution systems to serve its customers.

17

18 **Q. IS PNM FORECASTING THE RENEWAL COSTS FOR THESE RIGHTS-**
19 **OF-WAY IN THIS RATE CASE?**

20 **A.** Yes. The forecasted costs accrued for rights-of-way renewals in this rate case are
21 reasonable and shown in the testimony of PNM witness Sanders (See PNM Exhibit
22 KTS-4; WP OM-14, WP OM-15 and WP OM-16). PNM forecasts estimated
23 rights-of-way costs based on recent rights-of-way settlement agreements, which

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1 represent and incorporate current market and economic conditions. Many of
2 PNM's right-of-way renewals are prescribed by federal regulations and are
3 administered through the United States Department of the Interior and the Office
4 of the Special Trustee. Due to the unique circumstances associated with sovereign
5 tribal and Pueblo lands, renewal costs are not necessarily uniform and future costs
6 must be estimated. PNM has identified those rights-of-way that are set to expire
7 during the linkage data and the Test Period and has analyzed the renewal costs.
8 These right-of-way renewal costs are included in the cost of service presented by
9 PNM witness Sanders.

10

11 **Q. PLEASE DESCRIBE PNM'S ANNUAL RIGHT-OF-WAY PAYMENT TO**
12 **THE NAVAJO NATION.**

13 **A.** In 2010, PNM reached an agreement with the Navajo Nation for the extension and
14 renewal of twenty-one segments of various rights-of-way on 2,100 acres across
15 Tribal Trust Lands for transmission, distribution, stations, and communications
16 facilities. The agreement extended the term of each right-of-way until 2030. As
17 part of the agreement and in consideration for these extensions, PNM agreed to pay
18 the Navajo Nation \$6,000,000 annually subject to annual adjustment based upon
19 increases in the Consumer Price Index. This annual cost is included in the cost of
20 service presented by PNM witness Sanders.

21

22 **Q. ARE THE ESTIMATED COSTS FOR RENEWING T&D RIGHT-OF-WAY**
23 **AGREEMENTS REASONABLE?**

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1 **A.** Yes. These agreements for are existing rights-of-way for T&D lines and facilities
2 that are necessary to deliver power to customers. PNM has significant experience
3 in securing necessary right-of-way renewals for its T&D systems. We have an
4 established process that we follow for right-of-way renewals that is being applied
5 to the renewals in question that takes into consideration the unique status of
6 sovereign entities and the federal agencies with whom PNM negotiates. Based on
7 PNM’s experience with right-of-way renewals, we have bona fide market data
8 about the likely costs that will be incurred for these right-of-way renewals. All of
9 these factors inform PNM’s cost estimates presented in this case and form a reliable
10 basis for use in establishing a cost of service for these expenses. From the
11 settlements completed to date, PNM’s payments are consistent with the overall
12 estimate.

13

14 **Q. ARE THE RIGHT-OF-WAY RENEWALS NECESSARY FOR THE**
15 **PROVISION OF EXISTING T&D SERVICE TO PNM’S CUSTOMERS?**

16 **A.** Yes. The facilities located in the subject rights-of-way are vital components of
17 PNM’s T&D system and are imperative to providing reliable service to PNM
18 customers throughout New Mexico. The expenses associated with the renewal of
19 these rights-of-way are necessary for PNM to maintain the facilities on these lands
20 and prevent PNM from incurring costly relocations of these facilities. PNM records
21 expenses associated with right-of-way renewals at the estimated renewal rate
22 subject to true-up upon completion of the negotiations for the right-of-way.

23

**DIRECT TESTIMONY OF
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1 **Q. WHY IS IT APPROPRIATE TO INCLUDE THE TEST PERIOD RIGHT-**
2 **OF-WAY RENEWAL PAYMENTS IN THE COST OF SERVICE FOR**
3 **RECOVERY IN THIS CASE?**

4 **A.** PNM endeavors to keep right-of-way expenses reasonable by engaging in good
5 faith negotiations and is currently negotiating and finalizing the outstanding right-
6 of-way renewal agreements. Right-of-way expenses are a fundamental component
7 of maintaining existing facilities that provide reliable service to customers and these
8 right-of-way payments are projected to be paid during the Capital Investment
9 Period.

10

11 **Q. DOES PNM HAVE LONG TERM LIABILITIES RELATED TO RIGHTS-**
12 **OF-WAY ON PNM'S SYSTEM?**

13 **A.** Yes. The liability reflects other parties' negotiated payment for when PNM settles
14 future right-of-way negotiations associated with the fiber optic lines. In addition,
15 PNM has executed a right-of-way agreement with TEPCo. Under the agreement,
16 TEPCo pays PNM for shared use of a right-of-way. TEPCo paid PNM its
17 obligations under the agreement and PNM is amortizing this liability over the term
18 of agreement. Please see the testimony of PNM witness Sanders for cost of service
19 treatment for these long term liabilities.

20

21 **X. CONCLUSION**

22

23 **Q. DO YOU HAVE ANY CONCLUDING OBSERVATIONS?**

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1 **A.** Yes. The PNM T&D capital investments are prudent and necessary to provide
2 electric service that is adequate to the needs of PNM’s customers. PNM’s capital
3 investments and O&M expenses are required to ensure the safety, reliability,
4 security, and performance of the T&D systems needed to serve PNM’s customers,
5 as well as ensuring compliance with legal and regulatory obligations and achieving
6 environmental benefits. PNM has a rigorous and structured process for identifying
7 and prioritizing capital investment in advance of its need. PNM is preparing New
8 Mexico for the energy future by taking a thoughtful approach to maintaining and
9 replacing aging T&D infrastructure. PNM is also taking necessary steps to protect
10 its system from wildfire and other hazards through its Wildfire Mitigation and
11 Enhanced Vegetation Management Programs. Further the costs associated with the
12 BB2 Project are prudent and were reasonably incurred, and the project has resulted
13 in transmission expansion and network upgrades that have benefited all customers.
14 The capital investments cleared and O&M expenditures incurred during the Capital
15 Investment Period are prudent, reasonable, and necessary for the provision of safe
16 and reliable service.

17

18 **Q.** **DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

19 **A.** Yes.

GCG#530113

Résumé of Wesley W. Gray

PNM Exhibit WG-1

Is contained in the following 1 page.

WESLEY W. GRAY
EDUCATIONAL AND PROFESSIONAL SUMMARY

Name: Wesley W. Gray, P.E.

Address: PNM Resources Inc.
MS ES24
4201 Edith Boulevard, NE
Albuquerque, NM 87107

Position: Director, Transmission Distribution and Substation Field Operations

Education: Bachelor of Science in Electrical Engineering, New Mexico State University,
1990
Master of Science in Electrical Engineering, New Mexico State University,
1992

Licensed Professional Engineer in the State of New Mexico, December 2022

Employment: Employed by PNM since 2021.
Positions held within the Company include:

Director, TDS Field Operations
Engineer II
Engineer I

Other positions held:
Assistant Director of Electric Utility, City of College Station, TX
Assistant General Manager, Plumas – Sierra Rural Electric Coop, CA
Chief Operating Office/Manager of Engineering, Grays Harbor PUD, WA

Testimony Filed:

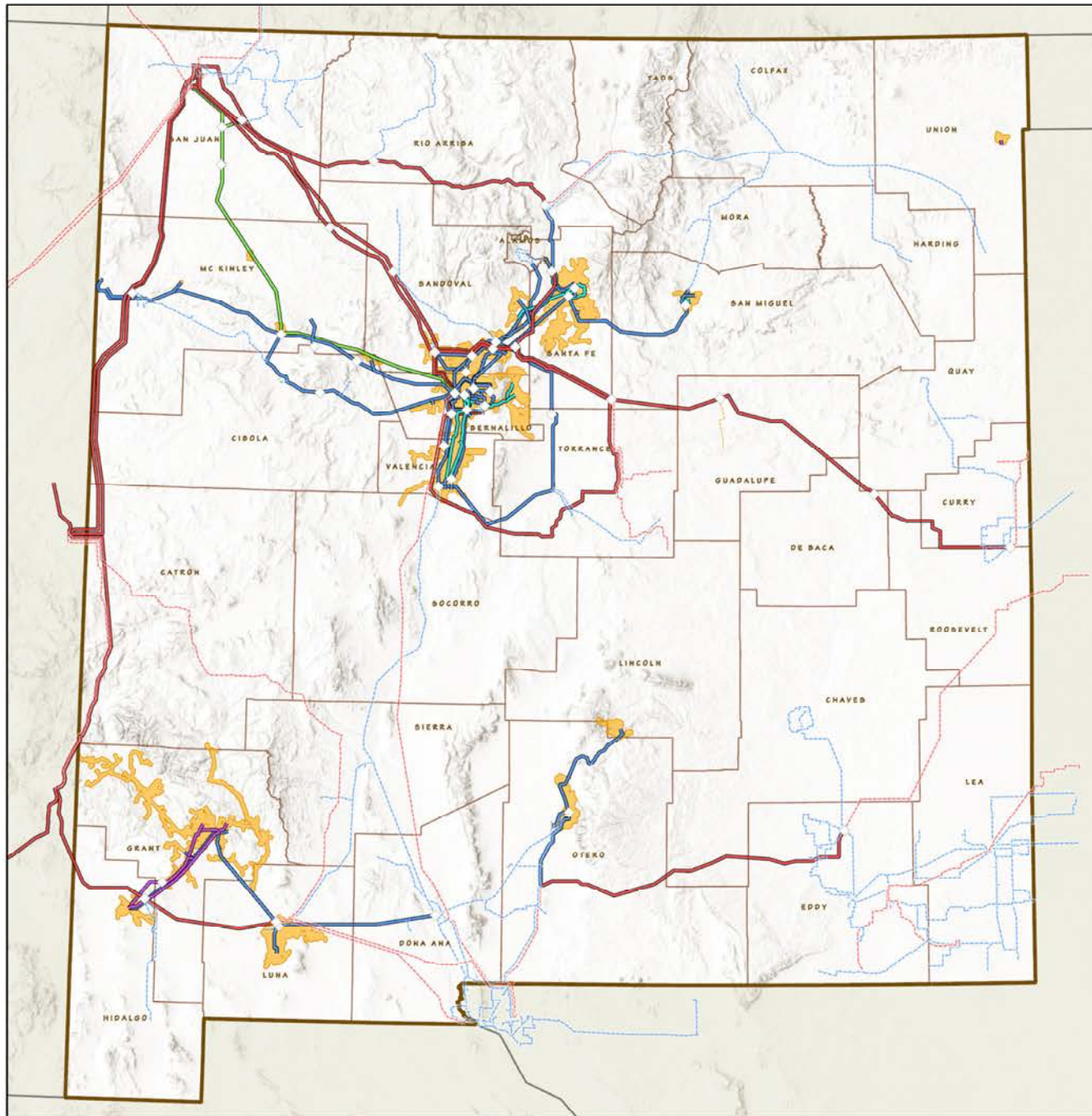
- None.

GCG#530042

Map of New Mexico Transmission System

PNM Exhibit WG-2

Is contained in the following 1 page.



- PNM Transmission**
- 345 kV
 - 230 kV
 - 115 kV
 - 69 kV
 - 46 kV

- Station**
- ◆ Switching

- Other Transmission**
- 500 kV
 - 345 kV
 - 230 kV
 - 169 kV
 - 115 kV
 - 69 kV

 PNM Service Area

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Conductor Footage Report for New Mexico

PNM Exhibit WG-3

Is contained in the following 1 page.

PNM Exhibit WG-3 Conductor Footage Report for New Mexico (Distance in Feet)		
Division	Conductor Type/Orientation	In Service
Northern Areas Totals	Pri_OH	56,482,608
	Pri_UG	43,986,320
ALBUQUERQUE	Total Primary	100,468,928
AMBROSIA LAKE		
CHURCH ROCK	Sec_OH	21,714,145
CLAYTON	Sec_UG	24,098,789
EAST MOUNTAIN	Total Secondary	45,812,934
FARMINGTON		
LAS VEGAS	Sec_STL_OH	4,350,340
MARQUEZ	Sec_STL_UG	3,749,034
SANDOVAL	Total Secondary	8,099,374
SANTA FE		
SEVEN LAKES	Serv_OH	0
VALENCIA	Serv_UG	0
	Total Secondary	0
Southern Areas Totals	Pri_OH	30,353,452
	Pri_UG	1,870,708
ALAMOGORDO	Total Primary	32,224,160
DEMING		
LORDSBURG	Sec_OH	7,701,840
RUIDOSO	Sec_UG	488,993
SILVER CITY	Total Secondary	8,190,833
	Sec_STL_OH	2,541,359
	Sec_STL_UG	153,276
	Total Secondary	2,694,635
	Serv_OH	3,165,001
	Serv_UG	982,715
	Total Secondary Service	4,147,716
2022		
	Primary Conductor	132,693,088
	Secondary Conductor	68,945,492
	Total	201,638,580

Transmission Capital Projects

PNM Exhibit WG-4

Is contained in the following 191 pages.

PNM EXHIBIT WG-4-PNM Transmission Capital Projects

Project costs & closings data based on PowerPlan forecasted dollars

Project information based on SharePoint supplemental data.

Click/tap a project number to view detailed information for that project

Press Ctrl+a to go to the first sheet. Press Ctrl+z to go to the last sheet

The following projects are forecasted to have less than \$25,000 in absolute value in closings during July 2022-December 2024 and are excluded from documentation:

64807018-UVLS Relay-VT Upg Gavilan-Hollywood=(639), 64807119-CY and WB Line Galloping Mitigation=(23577), 64807221-Petroglyph Station-Transmission=39, 64807470-Guadalupe 44 MVAR Reactor Rebucket=(71392), 64808323-Ortiz Substation=(5689), 64809018-SEL Relay Project 2019=0

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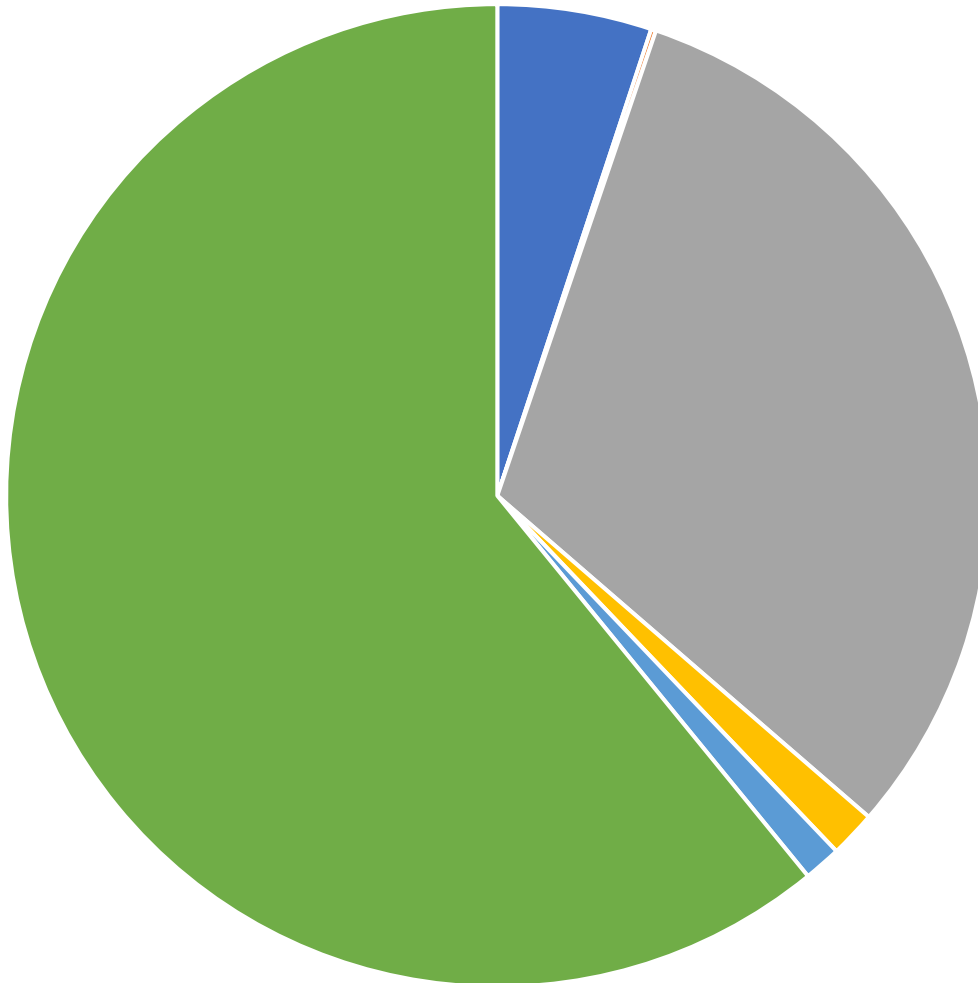
Index	Project #/Sheet	Project Name	Net BegBal-Jul-22	Costs 7/22-12/24	Closings 7/22-12/24
1	22007010	Misc. Trans. Station Blanket	(0)	414,151	(400,266)
2	22007110	Misc. 115kv Trans Imp Blanket	0	265,637	(265,637)
3	22007114	Silver City HV Capacitor Protection	-	131,691	(131,691)
4	22007308	HVDC Converter Station-Eddy County	0	154,024	(154,024)
5	64807025	Leyendecker Substation	-	1,361,622	(1,361,622)
6	64807040	Norton Capacitor	-	528,404	(528,404)
7	64807043	Breaker Replacements 2021	836,065	32,187	(868,252)
8	64807140	Tribal Fiber-WFF	3,189,693	1,917,606	(5,107,299)
9	64807143	Wildfire Mitigation-Transm-WFF	143,312	838,987	(982,299)
10	64807219	Ojo Circuit Switcher 02586	1,038,284	278,481	(1,316,764)
11	64807321	System Equipment Upgrade-WFF	906,634	45,837	(924,371)
12	64807322	WFF-Reconfig Tap Sub Unit 2	1,728,256	24,789	(1,753,045)
13	64807323	WFF-345kV Struc Repl Phase 5	8,292,681	5,062,224	(13,354,904)
14	64807340	Pitt-Midway Circuit Switcher-Mtr Eq	-	2,265,356	(2,265,356)
15	64807417	Trans Emergency & Aging Equipment	(0)	1,249,903	(1,249,903)
16	64807513	Transmission Breaker Replacement	456,193	3,557	(459,751)
17	64807540	NM SEL Relay Project 2021	1,177,518	877,339	(2,054,857)
18	64807642	Guadalupe SVC Backup Generator	-	1,139,849	(1,139,849)
19	64807716	115 kV Breaker Repl Fault Current	195,496	0	(195,496)
20	64807820	ICLSS Relay Replacement Program	40,870	324,778	(365,648)
21	64807920	Prosperity Transmission Substation	867,151	5,752,613	(945,644)
22	64808019	Person Transformer Replacement	38,119	-	(38,119)
23	64808023	Menaul Substation	-	1,370,883	(1,370,883)
24	64808321	BA 115kV Breaker Replacement	280,476	2,267	(282,743)
25	64808422	Embudo Substation	-	3,067,190	(3,067,190)
26	64808622	Hawkins Substation	-	1,456,571	(1,456,571)
27	64808723	Aspen Substation	-	761,427	(761,427)
28	64808823	Coal Substation	-	145,337	(145,337)
29	64808918	TW 115kV ROW	13,959	81,132	(95,091)
30	64809120	SEL Relay Project 2020	169,793	59,878	(229,672)
31	64809221	Route 66 115kV Switching Station	458,552	87,283	(545,835)
32	64809222	Trans Relay Replacement 2022	85,493	14,904,035	(14,989,529)
33	64809420	Pintado 345kV Switching Station	4,746,331	24,041,000	(28,787,331)
34	64830017	17-21 Specialty Equip & Vehicle Co2	0	868,520	(868,463)
35	64830022	EV Charging Infrastructure-Co2	-	303,525	(303,525)
36	64830023	Spec Equip and Vehicles Co2	235,406	1,570,662	(1,805,257)
37	65006010	San Juan Vail	(48)	1,516,513	(1,516,465)
38	65006110	ANPP Transmission blanket	225,325	1,924,332	(2,149,657)
39	65006210	SW NM Transmission Blanket	1,409,468	1,141,766	(2,551,234)
40	65007010	Misc. Station Improvements	(1,368)	975,208	(909,018)
41	65007023	West Mesa 345kV Bus Reconfiguration	-	2,867,379	(2,867,379)
42	65007110	Misc. Transmission Blanket	3,832,542	6,899,464	(10,732,006)
43	65007119	Asset Health Monitoring Event Rptg	971,696	2,858,194	(3,829,890)
44	65007140	Long Lead Material-WFF	110,729	856	(111,585)
45	65007143	Asset Health Mntrg-Event Rptg 24-28	-	1,982,145	(1,982,145)
46	65007710	Switch Stations Replacements IA	737,812	2,240,234	(2,978,046)
47	65007914	Relay IA	3,377	109,588	(68,603)
48	65007919	Strategic System Spare 345KV Shunt	47,778	-	(47,778)
49	65008021	Transm Comm Improvement 2021-2025	484,374	2,553,283	(3,037,658)
50	65008117	NERC Physical Security-WFF	221,490	4,529,906	(4,751,395)
51	65008143	NERC Physical Security 24-28	-	1,396,112	(1,396,112)
52	65008219	Eastern NM 345KV Bird Guarding	464,863	4,474	(469,338)
53	65008220	Sagebrush Station-Transmission	2,849,922	24,438,855	(13,388,897)
54	65008318	Control House Replacement	-	3,774,197	(3,774,197)
55	65008319	ER-RE Line HOD to MOD Switches	30,152	292	(30,444)
56	65008320	Transmission Comm Improvement 2020	230,560	2,219	(232,779)
57	65008392	West Mesa Control House Replacement	2,562,879	13,567,410	(16,130,289)
58	65008514	Pachmann Substation-Transmission	944,864	4,004,697	(4,949,561)
59	65008618	Remote Terminal Units Upgrade	356,355	486,414	(842,769)
60	65008822	Sandia Peak Interconnection	-	2,422,491	(2,422,491)

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61	65008922	Rio Puerco-Pajarito 345kV ROW-WFF	6,919,681	(398,406)	(6,521,275)
62	65008952	Intel Expansion - Transmission	512,943	5,280,645	(5,793,588)
63	65008953	Guadalupe 72 MVAR Regasket	271,180	82,836	(354,016)
64	65008994	San Juan Solar	6,542,603	16,973,313	(23,515,916)
65	65008995	Rio Puerco 345kV Series Capacitor Bank Switch Replacements	3,780,283	42,787	(3,823,070)
66	65008996	Aragonne Wind 345kV Line Relay Repl	509,491	4,427	(513,918)
67	65008997	PRC-002 Compliance DFR Project	250,534	56,740	(307,274)
68	65009022	Belen Phase Shifting Transformer	3,566,961	19,684,547	(23,251,508)
69	65009122	345kV Structure Repl Phase VI	5,440,282	22,480,966	(16,621,340)
70	65009141	WFF-Substation Rebuilds Long Lead	-	2,799,107	(2,799,107)
71	65009222	Jicarilla Interconnection	-	495,951	(495,951)
72	65009318	BB2-Diamond Tail to Clines Corners	66,947	969	(67,916)
73	65009319	Palomas Station-Transmission	3,917,701	(183,344)	(3,734,357)
74	65009321	Project Sky Ranch 1	960,634	82,727,527	(83,688,162)
75	65009419	Western Spirit Transmission Project	1,112,390	-	(1,112,390)
76	65009421	Embudo to Reeves 115kV Upgrade	-	368,847	(368,847)
77	65009422	Los Lunas Capacity Expansion	17,467,761	6,243,866	(23,711,626)
78	65009522	Atrisco Interconnection	-	24,442,816	(24,442,816)
79	65009618	345kV Structure Replacement Phase 3	55,422	111,095	(166,517)
80	65009950	Los Lunas Capacity Expansion Phase4	-	102,838,362	(100,590,487)
81	65028022	Powerclerk - Transmission	85,790	683	(85,335)
82	65028122	Kinsmen Viewport Eng Doc Mgmt	1,625,810	4,280	(1,609,158)
83	65028221	PowerClerk Imp for Int Processes	76,153	402	(75,517)
84	65028322	Kinsmen TD As-Built Record Mgmt	676,287	231,193	(898,299)
85	65028422	Kinsmen Mgmt Framework	479,749	3,824	(477,688)
86	65028522	Kinsmen CIP Cyber Asset Management	331,412	2,644	(330,352)
87	65028622	Smartsheet Implementation	42,481	560	(41,749)
88	65030610	Communications Equipment-blanket	107,222	366,596	(473,818)
89	65030820	Power Ops Main Building Renovations	969,238	91,513	(1,060,751)
90	65030821	Power Ops Backup Ctr at Aztec-WFF	652,786	1,827,909	(2,480,695)
91	65031922	Gen Svcs Bldg Maint Blanket-Trans	16,096	297,550	(313,645)
92	65034010	Co2 Tools & Equipment	4,294	259,295	(263,535)
93	65034012	TECH SERVICE TRANSMISSION TOOLS	26,677	560,654	(586,119)
		Totals	96,851,857	438,784,929	(502,318,531)

Transmission Capital Projects Primary Driver Distribution*

■ Compliance ■ Environmental ■ Reliability ■ Safety ■ Security ■ System Performance



*Projects subject to other NMPRC proceedings are not assigned a primary driver & are excluded from chart.

Primary Driver	Project #	Project Name	Closings 7/22-12/24
None*	65009419	Western Spirit Transmission Project	(1,112,390)
Compliance	64807920	Prosperity Transmission Substation	(945,644)
Compliance	64808918	TW 115kv ROW	(95,091)
Compliance	65008994	San Juan Solar	(23,515,916)
Compliance	65008997	PRC-002 Compliance DFR Project	(307,274)
Compliance	65009318	BB2-Diamond Tail to Clines Corners	(67,916)
Compliance	65028022	Powerclerk - Transmission	(85,335)
Compliance	65028221	PowerClerk Imp for Int Processes	(75,517)
Compliance	65028522	Kinsmen CIP Cyber Asset Management	(330,352)
Environmental	64830022	EV Charging Infrastructure-Co2	(303,525)
Environmental	65008219	Eastern NM 345KV Bird Guarding	(469,338)
Reliability	22007010	Misc. Trans. Station Blanket	(400,266)
Reliability	22007110	Misc. 115kv Trans Imp Blanket	(265,637)
Reliability	22007114	Silver City HV Capacitor Protection	(131,691)
Reliability	22007308	HVDC Converter Station-Eddy County	(154,024)
Reliability	64807025	Leyendecker Substation	(1,361,622)

Primary Driver	Project #	Project Name	Closings 7/22-12/24
Reliability	64807043	Breaker Replacements 2021	(868,252)
Reliability	64807140	Tribal Fiber-WFF	(5,107,299)
Reliability	64807219	Ojo Circuit Switcher 02586	(1,316,764)
Reliability	64807321	System Equipment Upgrade-WFF	(924,371)
Reliability	64807322	WFF-Reconfig Tap Sub Unit 2	(1,753,045)
Reliability	64807323	WFF-345kV Struc Repl Phase 5	(13,354,904)
Reliability	64807513	Transmission Breaker Replacement	(459,751)
Reliability	64807540	NM SEL Relay Project 2021	(2,054,857)
Reliability	64807642	Guadalupe SVC Backup Generator	(1,139,849)
Reliability	64807716	115 kV Breaker Repl Fault Current	(195,496)
Reliability	64807820	ICLSS Relay Replacement Program	(365,648)
Reliability	64808019	Person Transformer Replacement	(38,119)
Reliability	64808023	Menaul Substation	(1,370,883)
Reliability	64808321	BA 115kV Breaker Replacement	(282,743)
Reliability	64808422	Embudo Substation	(3,067,190)
Reliability	64808622	Hawkins Substation	(1,456,571)
Reliability	64808723	Aspen Substation	(761,427)
Reliability	64808823	Coal Substation	(145,337)
Reliability	64809120	SEL Relay Project 2020	(229,672)
Reliability	64809222	Trans Relay Replacement 2022	(14,989,529)
Reliability	65006010	San Juan Vail	(1,516,465)
Reliability	65006110	ANPP Transmission blanket	(2,149,657)
Reliability	65006210	SW NM Transmission Blanket	(2,551,234)
Reliability	65007010	Misc. Station Improvements	(909,018)
Reliability	65007023	West Mesa 345kV Bus Reconfiguration	(2,867,379)
Reliability	65007110	Misc. Transmission Blanket	(10,732,006)
Reliability	65007140	Long Lead Material-WFF	(111,585)
Reliability	65007710	Switch Stations Replacements IA	(2,978,046)
Reliability	65007914	Relay IA	(68,603)
Reliability	65007919	Strategic System Spare 345KV Shunt	(47,778)
Reliability	65008021	Transm Comm Improvement 2021-2025	(3,037,658)
Reliability	65008220	Sagebrush Station-Transmission	(13,388,897)
Reliability	65008318	Control House Replacement	(3,774,197)
Reliability	65008319	ER-RE Line HOD to MOD Switches	(30,444)
Reliability	65008320	Transmission Comm Improvement 2020	(232,779)
Reliability	65008392	West Mesa Control House Replacement	(16,130,289)
Reliability	65008514	Pachmann Substation-Transmission	(4,949,561)
Reliability	65008618	Remote Terminal Units Upgrade	(842,769)
Reliability	65008922	Rio Puerco-Pajarito 345kV ROW-WFF	(6,521,275)
Reliability	65008995	Rio Puerco 345kV Series Capacitor Bank Switch Replacements	(3,823,070)
Reliability	65008996	Aragonne Wind 345kV Line Relay Repl	(513,918)
Reliability	65009122	345kV Structure Repl Phase VI	(16,621,340)
Reliability	65009141	WFF-Substation Rebuilds Long Lead	(2,799,107)
Reliability	65009319	Palomas Station-Transmission	(3,734,357)
Reliability	65009421	Embudo to Reeves 115kV Upgrade	(368,847)
Reliability	65009618	345kV Structure Replacement Phase 3	(166,517)
Reliability	65030610	Communications Equipment-blanket	(473,818)
Reliability	65030821	Power Ops Backup Ctr at Aztec-WFF	(2,480,695)
Safety	64807040	Norton Capacitor	(528,404)
Safety	64807143	Wildfire Mitigation-Transm-WFF	(982,299)
Safety	64807417	Trans Emergency & Aging Equipment	(1,249,903)
Safety	64830017	17-21 Specialty Equip & Vehicle Co2	(868,463)

Primary Driver	Project #	Project Name	Closings 7/22-12/24
Safety	64830023	Spec Equip and Vehicles Co2	(1,805,257)
Safety	65030820	Power Ops Main Building Renovations	(1,060,751)
Safety	65031922	Gen Svcs Bldg Maint Blanket-Trans	(313,645)
Safety	65034010	Co2 Tools & Equipment	(263,535)
Safety	65034012	TECH SERVICE TRANSMISSION TOOLS	(586,119)
Security	65008117	NERC Physical Security-WFF	(4,751,395)
Security	65008143	NERC Physical Security 24-28	(1,396,112)
System Performance	64807340	Pitt-Midway Circuit Switcher-Mtr Eq	(2,265,356)
System Performance	64809221	Route 66 115kV Switching Station	(545,835)
System Performance	64809420	Pintado 345kV Switching Station	(28,787,331)
System Performance	65007119	Asset Health Monitoring_Event Rptg	(3,829,890)
System Performance	65007143	Asset Health Mntrg-Event Rptg 24-28	(1,982,145)
System Performance	65008822	Sandia Peak Interconnection	(2,422,491)
System Performance	65008952	Intel Expansion - Transmission	(5,793,588)
System Performance	65008953	Guadalupe 72 MVAR Regasket	(354,016)
System Performance	65009022	Belen Phase Shifting Transformer	(23,251,508)
System Performance	65009222	Jicarilla Interconnection	(495,951)
System Performance	65009321	Project Sky Ranch 1	(83,688,162)
System Performance	65009422	Los Lunas Capacity Expansion	(23,711,626)
System Performance	65009522	Atrisco Interconnection	(24,442,816)
System Performance	65009950	Los Lunas Capacity Expansion Phase4	(100,590,487)
System Performance	65028122	Kinsmen Viewport Eng Doc Mgmt	(1,609,158)
System Performance	65028322	Kinsmen TD As-Built Record Mgmt	(898,299)
System Performance	65028422	Kinsmen Mgmt Framework	(477,688)
System Performance	65028622	Smartsheet Implementation	(41,749)
Grand Total			(502,318,531)

Driver	Percentage	Amount
Compliance	5.07%	(25,423,043)
Environmental	0.15%	(772,863)
Reliability	31.13%	(156,016,257)
Safety	1.53%	(7,658,376)
Security	1.23%	(6,147,507)
System Performance	60.89%	(305,188,096)
	100.00%	(501,206,142)

Project No: 22007010 Misc. Trans. Station Blanket

Company: 002 Transmission Services
Location: 220 TNMP NM Transm General

Project Information

County % Total System 100%

Estimated Start Date 10/2/2008

Estimated Completion Date 12/31/2027

Description
This is a blanket project for on-going capital replacements and betterments at transmission substations. Specifically, this blanket addresses smaller projects (less than \$100k each) to replace and/or upgrade station equipment. Work for this project may include drainage improvements, grounding improvement, bushing replacements, adding or replacing surge arrestors, switch operator ground mats, or isolation switch replacements. The specific work that will be performed will be determined based on the conditions of the equipment at each substation. Further, projects will be prioritized based on ability to improve reliability, maintainability, and safety.

Project Need Justification
Much of this equipment is either failing, obsolete, cannot be readily repaired, or no longer supports current safety and reliability requirements. Additionally, existing infrastructure no longer provides favorable ergonomics for worker safety. New equipment will address these concerns and add improved surge protection for transformers by installing arresters. Additionally, this project aims to implement changes in oil filtration on equipment, therefore reducing maintenance requirements.

Project Alternatives
Alternatives will be assessed on a case-by-case basis at the work-order level. Once needs have been identified, potential solutions and alternatives will be evaluated. Alternatives will be evaluated based on long term maintainability. Additionally, alternatives will be evaluated based on the ability to meet safety or code requirements, and current and future system performance.

Project Estimate Approach
Cost estimates are prepared on a per-task basis. Estimates typically include major equipment prices from master agreements, and minor material and construction costs from previous similar work or competitive bids. On unique or specialty projects, vendor quotes are secured prior to authorizing work. PNM reviewed historical spend on an annual basis across the last 5 years to develop the future budget.

In addition to the historical funding, PNM also looked at trends which are developing on our system. These trends include equipment which is nearing its end of productive life, changes in compliance, environmental, and safety requirements, and results from inspections and testing. All of these trends need to be considered when estimating budgets and implementing projects.

There is a slight uptick in anticipated spend due to:
1) Aging equipment, therefore leading to a higher need for repairs / replacements.

Customer Benefit
These capital projects will replace aging components that lead to system outages and extended downtime. These improvements to system reliability will benefit customers directly.

Primary Value Driver Reliability

Safety
This project addresses aging equipment that can be responsible for employee and public safety incidents. Additionally, replacing aging components can have a positive impact on reliability and maintainability, thereby reducing incidents of damage to public property.

Reliability
This project addresses ongoing capital replacements and repairs of components at transmission substations. By replacing and repairing equipment, PNM can ensure that system reliability is maximized, therefore positively impacting the System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance
By replacing aging components, PNM can ensure that it is maintaining North American Electric Reliability Corporation (NERC) standards.

Environmental

Project No:	Misc. Trans. Station Blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	71,856	-	-	-	-	-	-	71,856
120: Overtime-General	22,701	-	-	-	-	-	-	22,701
350: Material Issues-Major	281,763	-	-	-	-	-	-	281,763
370: Outside Services	676,656	12,000	12,000	12,000	12,000	12,000	17,500	754,156
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	(51,566)	-	-	-	-	-	-	(51,566)
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,390	-	-	-	-	-	-	6,390
914: Pension and Benefits	23,823	-	-	-	-	-	-	23,823
915: Injuries and Damages	6,441	-	-	-	-	-	-	6,441
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	6,954	-	-	-	-	-	-	6,954
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	64,348	480	480	480	480	480	700	67,448
926: A&G Loads	70,299	475	475	475	475	475	693	73,368
928: AFUDC Debt	26,496	9	23	35	44	51	61	26,718
929: AFUDC Equity	32,388	21	55	83	105	123	147	32,922
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,284,988)	(2,519)	(4,544)	(6,172)	(7,481)	(8,533)	(42,132)	(1,356,370)
825: Closing Cost of Removal	46,439	(78)	(140)	(190)	(229)	(261)	(1,290)	44,252
Project Net	0	10,388	8,349	6,711	5,393	4,335	(24,321)	10,855

Project No:	Misc. Trans. Station Blanket													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	71,856	-	-	-	-	-	-	-	-	-	-	-	-	71,856
120: Overtime-General	22,701	-	-	-	-	-	-	-	-	-	-	-	-	22,701
350: Material Issues-Major	281,763	-	-	-	-	-	-	-	-	-	-	-	-	281,763
370: Outside Services	754,156	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	16,500	902,656
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	(51,566)	-	-	-	-	-	-	-	-	-	-	-	-	(51,566)
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,390	-	-	-	-	-	-	-	-	-	-	-	-	6,390
914: Pension and Benefits	23,823	-	-	-	-	-	-	-	-	-	-	-	-	23,823
915: Injuries and Damages	6,441	-	-	-	-	-	-	-	-	-	-	-	-	6,441
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,954	-	-	-	-	-	-	-	-	-	-	-	-	6,954
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	67,448	600	600	600	600	600	600	600	600	600	600	600	825	74,873
926: A&G Loads	73,368	431	431	431	431	431	431	431	431	431	431	431	592	78,699
928: AFUDC Debt	26,718	36	53	67	78	87	94	100	104	108	111	113	120	27,790
929: AFUDC Equity	32,922	46	68	85	99	111	120	127	133	138	142	145	154	34,288
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,356,370)	(4,651)	(6,273)	(7,577)	(8,625)	(9,467)	(10,145)	(10,689)	(11,127)	(11,478)	(11,761)	(11,989)	(52,487)	(1,512,638)
825: Closing Cost of Removal	44,252	(143)	(192)	(232)	(264)	(289)	(310)	(326)	(339)	(349)	(358)	(364)	(1,596)	39,491
Project Net	10,855	8,319	6,686	5,374	4,319	3,472	2,790	2,243	1,803	1,449	1,165	936	(35,891)	13,521

Project No:	Misc. Trans. Station Blanket													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	71,856	-	-	-	-	-	-	-	-	-	-	-	-	71,856
120: Overtime-General	22,701	-	-	-	-	-	-	-	-	-	-	-	-	22,701
350: Material Issues-Major	281,763	-	-	-	-	-	-	-	-	-	-	-	-	281,763
370: Outside Services	902,656	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	17,500	1,052,156
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	(51,566)	-	-	-	-	-	-	-	-	-	-	-	-	(51,566)
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,390	-	-	-	-	-	-	-	-	-	-	-	-	6,390
914: Pension and Benefits	23,823	-	-	-	-	-	-	-	-	-	-	-	-	23,823
915: Injuries and Damages	6,441	-	-	-	-	-	-	-	-	-	-	-	-	6,441
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,954	-	-	-	-	-	-	-	-	-	-	-	-	6,954
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	74,873	600	600	600	600	600	600	600	600	600	600	600	875	82,348
926: A&G Loads	78,699	522	522	522	522	522	522	522	522	522	522	522	761	85,202
928: AFUDC Debt	27,790	35	49	60	69	76	81	86	90	93	95	97	104	28,724
929: AFUDC Equity	34,288	61	84	104	119	131	141	149	156	161	165	168	180	35,908
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,512,638)	(5,189)	(6,724)	(7,957)	(8,949)	(9,746)	(10,387)	(10,903)	(11,317)	(11,650)	(11,918)	(12,133)	(53,902)	(1,673,412)
825: Closing Cost of Removal	39,491	(159)	(206)	(243)	(273)	(297)	(317)	(332)	(344)	(354)	(362)	(368)	(1,638)	34,597
Project Net	13,521	7,870	6,326	5,085	4,087	3,285	2,641	2,123	1,706	1,372	1,103	886	(36,120)	13,885

Project No: 22007110 Misc. 115kv Trans Imp Blanket

Company: 002 Transmission Services
Location: 220 TNMP NM Transm General

Project Information

Estimated Start Date 10/2/2008
Estimated Completion Date 12/31/2027

County %	Grant	
	Otero	40%
	Luna	30%
	Hidalgo	20%
		10%

Description
 PNM routinely inspects its 115kV transmission lines in Southern New Mexico and identifies equipment or materials that need to be repaired or replaced.
 This project includes multiple tasks that are aimed at improving reliability and maintainability and enhancing the safe operations of the transmission system. Tasks are prioritized based on risk to the operation of the system. Specifically modifications include, but are not limited to, replacing damaged porcelain insulators with more robust non-ceramic insulators, installing modular steel truss tops to replace failed wood cross-arms and braces, replacing structures to provide enhanced clearances, and installing new line sectionalizing switches to provide more reliable and safe switching operations.

Project Need Justification
 The projects identified under this blanket are evaluated for safety, reliability, and security. Projects are then prioritized and addressed by highest impact. Not completing these projects would lead safety risks for both employees and the public, decreased reliability, and unsecure facilities.

Project Alternatives
 Alternatives are considered on a project-by-project basis. Alternatives considered might include the do-nothing approach, or a risk-of-failure assessment. For example, when considering transmission line material, improved materials such as polymer insulators or prefabricated steel truss framing are typically used to replaced original material. Driven steel ground line pole reinforcing may be chosen as an alternative to complete replacement of a rotten wood pole due to its improved strength and durability.

Project Estimate Approach
 Project estimation is based on an adjusted average from previous years. This project covers emergent work so variances, ranging from low/moderate to high, are possible.

Customer Benefit
 Work completed on transmission lines will benefit customers by reducing system interruptions and improving restoration times.

Primary Value Driver Reliability
Safety Improved reliability, maintenance, and enhancements of transmission lines can help mitigate the risk of employee and public safety incidents. Additionally, repairs completed as part of this project can reduce damage to public property.

Reliability Repairs and modifications completed as part of this project will reduce system interruptions and outages related to transmission lines. Therefore, improvement will be seen in the System Average Interruption Duration Index (SAIDI), indicating improved electric grid reliability.

System Performance

Security

Compliance

Environmental

Project No:	22007110	Misc. 115kv Trans Imp Blanket						
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	137,845	-	-	2,624	8,121	8,497	-	157,087
120: Overtime-General	42,151	-	-	-	-	-	-	42,151
350: Material Issues-Major	155,422	-	-	-	-	-	-	155,422
370: Outside Services	112,198	-	-	2,000	10,000	20,000	-	144,198
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	90,118	-	-	37	500	500	-	91,155
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,067	-	-	199	615	643	-	14,524
914: Pension and Benefits	52,629	-	-	565	1,748	1,829	-	56,770
915: Injuries and Damages	15,079	-	-	225	695	727	-	16,726
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	9,037	-	-	-	-	-	-	9,037
922: Minor Material Load	(408)	-	-	-	-	-	-	(408)
925: E&S Loads	36,100	-	-	226	867	1,288	-	38,481
926: A&G Loads	27,515	-	-	185	737	1,148	-	29,585
928: AFUDC Debt	52,381	-	-	4	24	64	88	52,561
929: AFUDC Equity	56,389	-	-	10	58	154	211	56,823
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(713,979)	-	-	-	-	-	(62,670)	(776,649)
825: Closing Cost of Removal	(85,545)	-	-	-	-	-	(1,919)	(87,464)
Project Net	0	-	-	6,074	23,366	34,850	(64,290)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	157,087	-	-	2,624	6,121	5,497	-	-	-	2,624	8,121	8,497	-	190,571
120: Overtime-General	42,151	-	-	-	-	-	-	-	-	-	-	-	-	42,151
350: Material Issues-Major	155,422	-	-	2,000	4,500	3,000	-	-	-	-	-	-	-	164,922
370: Outside Services	144,198	-	-	-	-	-	-	-	-	2,000	10,000	20,000	-	176,198
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	91,155	-	-	-	500	500	-	-	-	37	500	500	-	93,192
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,524	-	-	198	461	414	-	-	-	198	612	640	-	17,045
914: Pension and Benefits	56,770	-	-	604	1,410	1,266	-	-	-	604	1,870	1,957	-	64,481
915: Injuries and Damages	16,726	-	-	261	609	547	-	-	-	261	808	845	-	20,058
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,037	-	-	146	328	219	-	-	-	-	-	-	-	9,730
922: Minor Material Load	(408)	-	-	-	-	-	-	-	-	-	-	-	-	(408)
925: E&S Loads	38,481	-	-	284	680	561	-	-	-	286	1,096	1,622	-	43,011
926: A&G Loads	29,585	-	-	166	399	323	-	-	-	167	668	1,041	-	32,350
928: AFUDC Debt	52,561	-	-	6	28	57	70	70	70	42	73	134	171	53,282
929: AFUDC Equity	56,823	-	-	8	36	72	89	89	90	53	93	171	218	57,742
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(776,649)	-	-	-	-	-	-	-	(16,649)	-	-	-	(80,608)	(873,906)
825: Closing Cost of Removal	(87,464)	-	-	-	-	-	-	-	(504)	-	-	-	(2,453)	(90,421)
Project Net	0	-	-	6,298	15,073	12,456	159	160	(16,993)	6,273	23,840	35,406	(82,673)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	190,571	-	-	2,624	6,121	5,497	-	-	-	2,624	8,121	8,497	-	224,056
120: Overtime-General	42,151	-	-	-	-	-	-	-	-	-	-	-	-	42,151
350: Material Issues-Major	164,922	-	-	2,000	4,500	3,000	-	-	-	-	-	-	-	174,422
370: Outside Services	176,198	-	-	-	-	-	-	-	-	2,000	10,000	20,000	-	208,198
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	93,192	-	-	-	500	500	-	-	-	37	500	500	-	95,229
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,045	-	-	198	461	414	-	-	-	198	612	640	-	19,566
914: Pension and Benefits	64,481	-	-	604	1,410	1,266	-	-	-	604	1,870	1,957	-	72,193
915: Injuries and Damages	20,058	-	-	261	609	547	-	-	-	261	808	845	-	23,389
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,730	-	-	146	328	219	-	-	-	-	-	-	-	10,423
922: Minor Material Load	(408)	-	-	-	-	-	-	-	-	-	-	-	-	(408)
925: E&S Loads	43,011	-	-	284	680	561	-	-	-	286	1,096	1,622	-	47,540
926: A&G Loads	32,350	-	-	201	484	391	-	-	-	203	810	1,261	-	35,700
928: AFUDC Debt	53,282	-	-	6	24	48	59	60	60	36	62	114	145	53,895
929: AFUDC Equity	57,742	-	-	10	42	84	103	103	104	62	107	197	251	58,805
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(873,906)	-	-	-	-	-	-	-	(16,747)	-	-	-	(81,112)	(971,766)
825: Closing Cost of Removal	(90,421)	-	-	-	-	-	-	-	(507)	-	-	-	(2,468)	(93,396)
Project Net	-	-	-	6,334	15,159	12,527	162	163	(17,091)	6,310	23,985	35,633	(83,184)	-

Project No: 22007114 Silver City HV Capacitor Protection

Company: 002 Transmission Services
 Location: 220 TNMP NM Transm General

Project Information

County % Grant 100%

Estimated Start Date 1/1/2014

Estimated Completion Date 12/31/2023

Description
 In the event of a high voltage situation, capacitors need to be manually switched out of service by System Operators when voltages exceed component set points. The purpose of this project is to install automated high voltage protection for the MD 115 kV, MD 69 kV, and Silver City 69 kV capacitors.

Project Need Justification
 Capacitor banks currently need to be manually switched out of service by System Operators in order to avoid damage and system failures during high voltage conditions. This results in a delay that can damage equipment and negatively impact system reliability. High voltage protection automates this process, which not only removes the burden from System Operators, but also minimizes costs associated with potential equipment damage during these conditions.

Project Alternatives
 The only alternative to this project is the do-nothing approach. This approach was not considered because it would leave the system operator responsible for manually switching the capacitor during high-voltage conditions. The resulting delay would leave the system and capacitor exposed to higher voltages for longer periods, which can cause damage to equipment.

Project Estimate Approach
 Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
 Customers will benefit from increased electric grid reliability. Automating capacitor-switching processes in response to high voltage conditions mitigates risks of component damage during these conditions.

Primary Value Driver Reliability

Safety

Reliability Automating capacitor-switching processes will mitigate risks of damage to components during high-voltage conditions. Therefore, this project aims to increase system reliability by minimizing manual intervention during high-voltage conditions.

System Performance

Security

Compliance

Environmental

Project No: 22007114 Silver City HV Capacitor Protection

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	24,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	833	833	833	833	833	833	833	833	833	833	833	833	10,000
370: Outside Services	-	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	6,167	5,986	73,819
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	151	151	151	151	151	151	151	151	151	151	151	151	1,807
914: Pension and Benefits	-	461	461	461	461	461	461	461	461	461	461	461	461	5,527
915: Injuries and Damages	-	199	199	199	199	199	199	199	199	199	199	199	199	2,388
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	61	61	61	61	61	61	61	61	61	61	61	61	730
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	491	491	491	491	491	491	491	491	491	491	491	481	5,877
926: A&G Loads	-	323	323	323	323	323	323	323	323	323	323	323	317	3,871
928: AFUDC Debt	-	11	33	55	78	100	123	145	168	191	214	237	260	1,614
929: AFUDC Equity	-	14	42	71	99	128	156	185	214	243	273	302	331	2,058
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(127,850)	(127,850)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(3,841)	(3,841)
Project Net	-	10,710	10,760	10,810	10,861	10,912	10,963	11,015	11,067	11,119	11,171	11,223	(120,611)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	24,000	-	-	-	-	-	-	-	-	-	-	-	-	24,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	10,000	-	-	-	-	-	-	-	-	-	-	-	-	10,000
370: Outside Services	73,819	-	-	-	-	-	-	-	-	-	-	-	-	73,819
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,807	-	-	-	-	-	-	-	-	-	-	-	-	1,807
914: Pension and Benefits	5,527	-	-	-	-	-	-	-	-	-	-	-	-	5,527
915: Injuries and Damages	2,388	-	-	-	-	-	-	-	-	-	-	-	-	2,388
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	730	-	-	-	-	-	-	-	-	-	-	-	-	730
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	5,877	-	-	-	-	-	-	-	-	-	-	-	-	5,877
926: A&G Loads	3,871	-	-	-	-	-	-	-	-	-	-	-	-	3,871
928: AFUDC Debt	1,614	-	-	-	-	-	-	-	-	-	-	-	-	1,614
929: AFUDC Equity	2,058	-	-	-	-	-	-	-	-	-	-	-	-	2,058
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(127,850)	-	-	-	-	-	-	-	-	-	-	-	-	(127,850)
825: Closing Cost of Removal	(3,841)	-	-	-	-	-	-	-	-	-	-	-	-	(3,841)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 22007308 HVDC Converter Station-Eddy County

Company: 002 Transmission Services
Location: 220 TNMP NM Transm General

Project Information

County % Roosevelt 100%

Estimated Start Date 10/16/2007

Estimated Completion Date 12/31/2027

Description
The purpose of this project is to replace the High-Voltage Direct Current (HVDC) converter currently located at the PNM's Blackwater Station. The converter is the direct current (DC) interconnection between the Western Electricity Coordinating Council (WECC) and the Southwest Power Pool (SPP).

Project Need Justification
The existing HVDC-converter went into service at the end of 1984. Over the years, spare parts have become difficult to obtain, and in some cases impossible to find as they are no longer manufactured. These barriers results in extended system downtime due to maintenance and component failures.

Project Alternatives
One alternative is conducting an analysis of spare parts that could be purchased in case of failure. This alternative was not considered due to the unavailability of spare parts. Therefore, this alternative may only ensure short-term operability. Additionally, PNM looked into a partial replacement of obsolete subcomponents. This alternative was also not considered due to incompatibility with existing equipment. This alternative would require substantial re-engineering costs. In both cases, costs would exceed an entire replacement of the unit.

Project Estimate Approach
The project estimate was developed via an analogous estimation of original project costs, which were adjusted for current costs. Further, a Life-Assessment Study was performed by the Original Equipment Manufacturer (OEM) to determine cost alternatives.

Customer Benefit
Customers benefit from PNM's new ability to both import and export energy from the SPP area. Further, the interconnection of the WECC and SPP grids would increase grid reliability.

Primary Value Driver Reliability

Safety A modern HVDC unit contains up-to-date safety equipment for personnel. Further, implementing a modern unit reduces risk of injury to PNM personnel working in close proximity to obsolete equipment.

Reliability Implementing a new unit will reduce downtime resulting from the difficulties of obtaining spare parts for the existing units. Therefore, reducing component downtime will positively impact grid reliability.

System Performance New technologies allow for a wider range of power flow control and regulation compared to existing equipment.

Security

Compliance Minimizing outage occurrences and durations will assist in meeting compliance goals and meeting customer expectations.

Environmental

Project No:	22007308	HVDC Converter Station-Eddy County						
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	7,003	-	-	-	-	-	-	7,003
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	10,716	-	-	-	-	-	-	10,716
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	17,694	-	-	-	-	-	-	17,694
391: Jt Proj Bill to PNM -N Lab	281,005	-	-	14,000	-	-	15,000	310,005
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	(5,411)	-	-	-	-	-	-	(5,411)
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	509	-	-	-	-	-	-	509
914: Pension and Benefits	1,990	-	-	-	-	-	-	1,990
915: Injuries and Damages	553	-	-	-	-	-	-	553
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	178	-	-	-	-	-	-	178
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	20,955	-	-	560	-	-	600	22,115
926: A&G Loads	21,487	-	-	554	-	-	594	22,636
928: AFUDC Debt	12,956	-	-	10	21	21	32	13,040
929: AFUDC Equity	12,412	-	-	25	50	50	77	12,614
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(382,047)	-	-	-	-	-	(30,655)	(412,702)
825: Closing Cost of Removal	-	-	-	-	-	-	(939)	(939)
Project Net	(0)	-	-	15,150	71	71	(15,291)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	7,003	-	-	-	-	-	-	-	-	-	-	-	-	7,003
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	10,716	-	-	-	-	-	-	-	-	-	-	-	-	10,716
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	17,694	-	-	-	-	-	-	-	-	-	-	-	-	17,694
391: Jt Proj Bill to PNM -N Lab	310,005	-	13,000	-	-	-	13,000	-	-	14,000	-	-	15,000	365,005
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	(5,411)	-	-	-	-	-	-	-	-	-	-	-	-	(5,411)
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	509	-	-	-	-	-	-	-	-	-	-	-	-	509
914: Pension and Benefits	1,990	-	-	-	-	-	-	-	-	-	-	-	-	1,990
915: Injuries and Damages	553	-	-	-	-	-	-	-	-	-	-	-	-	553
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	178	-	-	-	-	-	-	-	-	-	-	-	-	178
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	22,115	-	650	-	-	-	650	-	-	700	-	-	750	24,865
926: A&G Loads	22,636	-	467	-	-	-	467	-	-	503	-	-	539	24,610
928: AFUDC Debt	13,040	-	15	29	29	29	44	29	30	45	61	62	79	13,493
929: AFUDC Equity	12,614	-	19	37	37	38	56	38	38	58	78	79	100	13,191
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(412,702)	-	-	-	-	-	(13,860)	-	-	-	-	-	(45,103)	(471,665)
825: Closing Cost of Removal	(939)	-	-	-	-	-	(424)	-	-	-	-	-	(1,368)	(2,731)
Project Net	-	-	14,150	66	67	67	(66)	67	67	15,306	140	140	(30,004)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	7,003	-	-	-	-	-	-	-	-	-	-	-	-	7,003
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	10,716	-	-	-	-	-	-	-	-	-	-	-	-	10,716
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	17,694	-	-	-	-	-	-	-	-	-	-	-	-	17,694
391: Jt Proj Bill to PNM -N Lab	365,005	-	13,167	-	-	-	13,809	-	-	13,980	-	-	14,464	420,425
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	(5,411)	-	-	-	-	-	-	-	-	-	-	-	-	(5,411)
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	509	-	-	-	-	-	-	-	-	-	-	-	-	509
914: Pension and Benefits	1,990	-	-	-	-	-	-	-	-	-	-	-	-	1,990
915: Injuries and Damages	553	-	-	-	-	-	-	-	-	-	-	-	-	553
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	178	-	-	-	-	-	-	-	-	-	-	-	-	178
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	24,865	-	658	-	-	-	690	-	-	699	-	-	723	27,636
926: A&G Loads	24,610	-	573	-	-	-	601	-	-	608	-	-	629	27,021
928: AFUDC Debt	13,493	-	13	25	25	25	39	26	26	40	53	53	67	13,885
929: AFUDC Equity	13,191	-	22	44	44	44	67	45	45	69	92	93	117	13,872
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(471,665)	-	-	-	-	-	(14,480)	-	-	-	-	-	(45,377)	(531,522)
825: Closing Cost of Removal	(2,731)	-	-	-	-	-	(442)	-	-	-	-	-	(1,376)	(4,549)
Project Net	0	-	14,432	69	69	69	283	71	71	15,395	145	146	(30,752)	(0)

Project No: 64807025 Leyendecker Substation

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Bernalillo 100%

Estimated Start Date 6/13/2022

Estimated Completion Date 1/31/2024

Description
Leyendecker substation has equipment that is decades old causing it to have a growing probability of equipment failure. This project would replace aging equipment in the substation that was identified as high risk for future failures and therefore outages for the local area. A portion of the 115kV transmission conductor and steel H-frame dead-end would be replaced with a PNM standard design. This design would include a new disconnect switch and surge arresters both mounted on the H-frame structure.

Project Need Justification
PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
One alternative is to keep the existing assets in place and allow them to operate until failure. This would immediately impact the local neighborhood with power outages and an emergency replacement would have to be deployed which would entail higher costs and longer outages.

Project Estimate Approach
The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit
The project would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. The installation of 115kV surge arresters at the outgoing line position would help protect expensive major assets from major surges on the incoming transmission line (e.g. lightning strikes) therefore mitigating duration of outages and limiting exposure of expensive equipment to hazardous fault current, both of which are beneficial to the customer.

Primary Value Driver Reliability

Safety

Reliability
Installing 115kV surge arresters and a visual open point disconnect switch would allow for higher reliability numbers by limiting the power transformer and switchgear to hazardous fault currents and simplifying maintenance clearance point switching procedures, respectively.

System Performance

Security

Compliance

Environmental

Project No:	64807025 Leyedecker Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	2,148	10,522	10,522	11,222	11,222	45,637
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	21,133	21,133	21,133	21,133	84,533
370: Outside Services	-	-	19,334	18,621	18,621	24,921	24,921	106,418
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	12,680	12,680	12,680	12,680	50,720
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	163	797	797	850	850	3,455
914: Pension and Benefits	-	-	462	2,264	2,264	2,415	2,415	9,821
915: Injuries and Damages	-	-	184	901	901	961	961	3,907
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	1,546	1,546	1,546	1,546	6,184
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	892	2,677	2,677	2,967	2,967	12,180
926: A&G Loads	-	-	851	2,493	2,493	2,770	2,770	11,377
928: AFUDC Debt	-	-	16	83	185	292	405	981
929: AFUDC Equity	-	-	40	200	443	700	971	2,355
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	24,089	73,917	74,262	82,457	82,841	337,566

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	45,637	11,222	8,158	34,756	8,158	7,658	7,158	7,158	7,158	769	769	769	769	140,140
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	84,533	21,133	-	-	-	-	-	-	-	-	-	-	-	105,666
370: Outside Services	106,418	24,921	73,422	179,814	73,422	68,922	64,422	64,422	64,422	6,921	6,921	6,921	6,921	747,870
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	50,720	12,680	-	-	-	-	-	-	-	-	-	-	-	63,400
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,455	845	614	2,617	614	577	539	539	539	58	58	58	58	10,571
914: Pension and Benefits	9,821	2,584	1,879	8,004	1,879	1,764	1,649	1,649	1,649	177	177	177	177	31,585
915: Injuries and Damages	3,907	1,117	812	3,458	812	762	712	712	712	77	77	77	77	13,310
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,184	1,542	-	-	-	-	-	-	-	-	-	-	-	7,725
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	12,180	3,725	4,244	11,432	4,244	3,984	3,724	3,724	3,724	400	400	400	400	52,582
926: A&G Loads	11,377	2,511	2,929	7,703	2,929	2,749	2,570	2,570	2,570	276	276	276	276	39,012
928: AFUDC Debt	981	781	965	1,320	1,677	1,869	2,050	2,227	2,404	25	25	26	26	14,374
929: AFUDC Equity	2,355	997	1,231	1,684	2,139	2,384	2,615	2,840	3,067	31	32	33	33	19,440
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	(1,168,068)	(8,191)	(8,259)	(8,319)	-	(1,192,837)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	(35,094)	(249)	(253)	(255)	-	(35,850)
Project Net	337,566	84,059	94,254	250,788	95,874	90,669	85,439	85,841	(1,116,917)	294	223	162	8,737	16,988

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	140,140	-	-	-	-	-	-	-	-	-	-	-	-	140,140
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	105,666	-	-	-	-	-	-	-	-	-	-	-	-	105,666
370: Outside Services	747,870	105,708	-	-	-	-	-	-	-	-	-	-	-	853,578
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	63,400	-	-	-	-	-	-	-	-	-	-	-	-	63,400
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	10,571	-	-	-	-	-	-	-	-	-	-	-	-	10,571
914: Pension and Benefits	31,585	-	-	-	-	-	-	-	-	-	-	-	-	31,585
915: Injuries and Damages	13,310	-	-	-	-	-	-	-	-	-	-	-	-	13,310
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,725	-	-	-	-	-	-	-	-	-	-	-	-	7,725
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	52,582	5,285	-	-	-	-	-	-	-	-	-	-	-	57,868
926: A&G Loads	39,012	4,598	-	-	-	-	-	-	-	-	-	-	-	43,610
928: AFUDC Debt	14,374	130	-	-	-	-	-	-	-	-	-	-	-	14,505
929: AFUDC Equity	19,440	226	-	-	-	-	-	-	-	-	-	-	-	19,666
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,192,837)	(128,962)	-	-	-	-	-	-	-	-	-	-	-	(1,321,799)
825: Closing Cost of Removal	(35,850)	(3,973)	-	-	-	-	-	-	-	-	-	-	-	(39,824)
Project Net	16,988	(16,988)	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64807040 Norton Capacitor
Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

Estimated Start Date 3/1/2022
Estimated Completion Date 3/31/2023

County %	Santa Fe	40%
	Los Alamos	40%
	Sandoval	10%
	Rio Arriba	10%

Description
 The purpose of this project is to replace the existing combination of Joslyn switch and non zero-crossing breaker that together protect and control the 27MVAR 115kV Norton capacitor bank. A new preinsertion resistor (PIR) or zero-crossing breaker will be installed as the replacement.

Project Need Justification
 Currently, the Joslyn switch is used to close in and energize the capacitor bank, but is unreliable due to wear. The non-zero closing breaker cannot be used to energize the breaker. Using it can result in breaker failure and as a result injury to personnel or unavailability of the capacitor bank for an extended period. The Norton 27MVAR capacitor is switched almost every day in the summer and winter months for voltage control in the Northern part of the state.

Project Alternatives
 The first alternative considered was replacement of the worn out parts of the Joslyn switch. However, the parts for this type of switch are no longer available. In addition, the existing set up is non-standard and outdated. Replacing the two pieces of equipment with a new appropriate breaker follows PNM's new standard for capacitor bank protection and increases reliability by reducing complexity of the installation. Another option is the do nothing option. The do-nothing option would result in eventual breaker failure with an unacceptable risk level of injury to personnel and extended loss of the capacitor bank.

Project Estimate Approach
 The estimate was created as a unit estimate using costs from similar equipment and estimating labor hours required for completion of the work.

Customer Benefit
 Proper energization or de-energization of the Norton 115kV capacitor bank helps keep voltage on the 115kV lines connecting to Norton Station within appropriate ranges which then translates to adequate voltages at the substations fed off these lines that then feed customers in PNM's system. Lines connecting into Norton feed mainly Santa Fe and Los Alamos counties.

Primary Value Driver Safety
Safety If the Joslyn switch failed, operation of the non-zero closing breaker to energize the capacitor could result in breaker failure and as a result, injury to PNM personnel.

Reliability Replacing the two pieces of equipment with a new appropriate breaker follows PNM's new standard for capacitor bank protection and increases reliability by reducing complexity of the installation.

System Performance

Security

Compliance

Environmental

Project No:	64807040 Norton Capacitor							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	5,000	-	5,000	-	4,000	-	14,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	10,000	30,000	20,000	30,000	-	90,000
370: Outside Services	-	-	-	79,000	-	79,000	-	158,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	379	-	379	-	303	-	1,060
914: Pension and Benefits	-	1,076	-	1,076	-	861	-	3,013
915: Injuries and Damages	-	428	-	428	-	342	-	1,198
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	732	2,195	1,463	2,195	-	6,584
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	275	400	4,635	800	4,580	-	10,691
926: A&G Loads	-	198	396	4,514	792	4,475	-	10,375
928: AFUDC Debt	-	5	18	113	217	320	407	1,079
929: AFUDC Equity	-	12	43	271	520	767	977	2,591
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	7,373	11,589	127,611	23,791	126,842	1,384	298,591

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	14,000	-	-	4	-	-	-	-	-	-	-	-	-	14,004
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	90,000	-	-	30,000	-	-	-	-	-	-	-	-	-	120,000
370: Outside Services	158,000	25,000	-	150,000	-	-	-	-	-	-	-	-	-	333,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,060	-	-	0	-	-	-	-	-	-	-	-	-	1,060
914: Pension and Benefits	3,013	-	-	1	-	-	-	-	-	-	-	-	-	3,014
915: Injuries and Damages	1,198	-	-	0	-	-	-	-	-	-	-	-	-	1,199
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,584	-	-	2,189	-	-	-	-	-	-	-	-	-	8,772
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	10,691	1,250	-	9,000	-	-	-	-	-	-	-	-	-	20,941
926: A&G Loads	10,375	898	-	6,462	-	-	-	-	-	-	-	-	-	17,735
928: AFUDC Debt	1,079	644	675	882	-	-	-	-	-	-	-	-	-	3,281
929: AFUDC Equity	2,591	821	861	1,125	-	-	-	-	-	-	-	-	-	5,399
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(512,812)	-	-	-	-	-	-	-	-	-	(512,812)
825: Closing Cost of Removal	-	-	-	(15,592)	-	-	-	-	-	-	-	-	-	(15,592)
Project Net	298,591	28,613	1,536	(328,740)	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	14,004	-	-	-	-	-	-	-	-	-	-	-	-	14,004
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	120,000	-	-	-	-	-	-	-	-	-	-	-	-	120,000
370: Outside Services	333,000	-	-	-	-	-	-	-	-	-	-	-	-	333,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,060	-	-	-	-	-	-	-	-	-	-	-	-	1,060
914: Pension and Benefits	3,014	-	-	-	-	-	-	-	-	-	-	-	-	3,014
915: Injuries and Damages	1,199	-	-	-	-	-	-	-	-	-	-	-	-	1,199
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,772	-	-	-	-	-	-	-	-	-	-	-	-	8,772
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	20,941	-	-	-	-	-	-	-	-	-	-	-	-	20,941
926: A&G Loads	17,735	-	-	-	-	-	-	-	-	-	-	-	-	17,735
928: AFUDC Debt	3,281	-	-	-	-	-	-	-	-	-	-	-	-	3,281
929: AFUDC Equity	5,399	-	-	-	-	-	-	-	-	-	-	-	-	5,399
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(512,812)	-	-	-	-	-	-	-	-	-	-	-	-	(512,812)
825: Closing Cost of Removal	(15,592)	-	-	-	-	-	-	-	-	-	-	-	-	(15,592)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 64807043 Breaker Replacements 2021

Company: 002 Transmission Services
 Location: 648 Transmission General 2

Project Information

County % San Juan 67%
 Dona Ana 33%

Estimated Start Date 9/1/2021

Estimated Completion Date 9/30/2022

Description
 The project will replace three oil filled breakers with SF6 breakers. These breakers include Mimbres Breaker 15162 115kV oil circuit breaker (OCB), Gallegos breaker 31762 115 kV OCB, and Gallegos breaker 34162 115 kV OCB. These replacements will require engineering to ensure sufficient direct current (DC) power is provided, new foundations for the breakers, and associated equipment.

Project Need Justification
 Three breakers have been identified to be replaced due to aging equipment. These breakers are oil filled and have become obsolete. The replacement of these breakers is needed to reduce the risk of failure. Failure can lead to system reliability and performance issues as well as safety issues.

Project Alternatives
 The only alternative is the do nothing approach. This alternative was not considered as this aging equipment needs to be replaced.

Project Estimate Approach
 This project was estimated using recent substation construction projects, and quotes from vendors for labor and material.

Customer Benefit
 Customers benefit from this project with increased reliability and improved system performance based on the capabilities and features of the upgraded breakers.

Primary Value Driver
 Reliability
 Safety

Reliability
 Upgraded breakers will provide system reliability with new technology and updated controls.

System Performance

Security

Compliance

Environmental

Project No:	64807043 Breaker Replacements 2021							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	139,681	5,000	5,000	2,000	-	-	-	151,681
120: Overtime-General	82,391	-	-	-	-	-	-	82,391
350: Material Issues-Major	435,602	-	-	-	-	-	-	435,602
370: Outside Services	573,862	5,000	-	-	-	-	-	578,862
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	39	-	-	-	-	-	-	39
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	120,931	-	-	-	-	-	-	120,931
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	16,713	379	379	151	-	-	-	17,622
914: Pension and Benefits	48,904	1,076	1,076	430	-	-	-	51,487
915: Injuries and Damages	17,826	428	428	171	-	-	-	18,854
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,041	-	-	-	-	-	-	3,041
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	54,951	475	275	110	-	-	-	55,811
926: A&G Loads	63,046	396	198	79	-	-	-	63,720
928: AFUDC Debt	4,612	880	898	909	-	-	-	7,299
929: AFUDC Equity	14,154	2,112	2,155	2,182	-	-	-	20,602
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(739,689)	-	-	(648,400)	-	-	-	(1,388,089)
825: Closing Cost of Removal	-	-	-	-	(219,852)	-	-	(219,852)
Project Net	836,065	15,745	10,408	(642,366)	(219,852)	-	-	-

Project No:	64807043 Breaker Replacements 2021													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	151,681	-	-	-	-	-	-	-	-	-	-	-	-	151,681
120: Overtime-General	82,391	-	-	-	-	-	-	-	-	-	-	-	-	82,391
350: Material Issues-Major	435,602	-	-	-	-	-	-	-	-	-	-	-	-	435,602
370: Outside Services	578,862	-	-	-	-	-	-	-	-	-	-	-	-	578,862
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	39	-	-	-	-	-	-	-	-	-	-	-	-	39
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	120,931	-	-	-	-	-	-	-	-	-	-	-	-	120,931
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,622	-	-	-	-	-	-	-	-	-	-	-	-	17,622
914: Pension and Benefits	51,487	-	-	-	-	-	-	-	-	-	-	-	-	51,487
915: Injuries and Damages	18,854	-	-	-	-	-	-	-	-	-	-	-	-	18,854
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,041	-	-	-	-	-	-	-	-	-	-	-	-	3,041
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	55,811	-	-	-	-	-	-	-	-	-	-	-	-	55,811
926: A&G Loads	63,720	-	-	-	-	-	-	-	-	-	-	-	-	63,720
928: AFUDC Debt	7,299	-	-	-	-	-	-	-	-	-	-	-	-	7,299
929: AFUDC Equity	20,602	-	-	-	-	-	-	-	-	-	-	-	-	20,602
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,388,089)	-	-	-	-	-	-	-	-	-	-	-	-	(1,388,089)
825: Closing Cost of Removal	(219,852)	-	-	-	-	-	-	-	-	-	-	-	-	(219,852)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	64807043 Breaker Replacements 2021													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	151,681	-	-	-	-	-	-	-	-	-	-	-	-	151,681
120: Overtime-General	82,391	-	-	-	-	-	-	-	-	-	-	-	-	82,391
350: Material Issues-Major	435,602	-	-	-	-	-	-	-	-	-	-	-	-	435,602
370: Outside Services	578,862	-	-	-	-	-	-	-	-	-	-	-	-	578,862
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	39	-	-	-	-	-	-	-	-	-	-	-	-	39
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	120,931	-	-	-	-	-	-	-	-	-	-	-	-	120,931
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,622	-	-	-	-	-	-	-	-	-	-	-	-	17,622
914: Pension and Benefits	51,487	-	-	-	-	-	-	-	-	-	-	-	-	51,487
915: Injuries and Damages	18,854	-	-	-	-	-	-	-	-	-	-	-	-	18,854
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,041	-	-	-	-	-	-	-	-	-	-	-	-	3,041
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	55,811	-	-	-	-	-	-	-	-	-	-	-	-	55,811
926: A&G Loads	63,720	-	-	-	-	-	-	-	-	-	-	-	-	63,720
928: AFUDC Debt	7,299	-	-	-	-	-	-	-	-	-	-	-	-	7,299
929: AFUDC Equity	20,602	-	-	-	-	-	-	-	-	-	-	-	-	20,602
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,388,089)	-	-	-	-	-	-	-	-	-	-	-	-	(1,388,089)
825: Closing Cost of Removal	(219,852)	-	-	-	-	-	-	-	-	-	-	-	-	(219,852)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 64807140 Tribal Fiber-WFF
Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

		<u>County %</u>	Bernalillo	70%
Estimated Start Date	5/1/2020		Santa Fe	15%
Estimated Completion Date	6/30/2023		Rio Arriba	5%
			Sandoval	10%

Description

This multiyear project is a collaboration effort to build an optical network that benefits PNM’s critical communication infrastructure and provides opportunities for enhanced tribal engagement while mitigating the “Pathnet” fiber Right of Way (ROW) costs and providing leverage for increasing land ROW renewal costs.

There are five different projects within the larger effort. The overall project provides positive impact to PNM’s Operations and Infrastructure, leverages ROW negotiations and costs, and builds trust and strengthens PNM’s Tribal relationships. This project effort also fulfills a commitment made by PNM Leadership to the San Ildefonso Pueblo to develop greater capacity in their communication and potential business development opportunities with surrounding communities, such as Los Alamos National Laboratories (LANL).

This project will incorporate five different efforts:

- Project 1: Pathnet Line/Santa Ana and Zia Pueblos Fiber Project – Critical to the Pathnet line renewal/perfection of easement with the Pueblos of Santa Ana and Zia and provides PNM the ability to re-route traffic if portion of Cabezon-Rio Puerco (CZ) line becomes damaged.
- Project 2: San Felipe Pueblo Fiber Project - This effort will replace static cable on the line between BA Station and North Bernalillo substation with Optical Ground Wire (OPGW).
- Project 3: The project build provides PNM a fiber route to multiple substations in Santa Fe including Caja del Rio substation as well as creates an alternate path for the Algodones-Norton-Zia (ANZ) line.
- Project 4: Pueblo of Laguna/Laguna Development Corporation (LDC) Fiber Project – Secures fiber for Huning Ranch to West Mesa (FB2), Future Line (FB3) and Santolina and solves ROW issues for the Petroglyph Monument/private property ROW issues between 505 Marquette & Rio Puerco to West Mesa Line (BJ97).
- Project 5: Pueblo Fiber Consortium (PFC) - Efforts will expand PNM’s internal communications North of Albuquerque (Enchanted Hills to Corrales Bluff route required for Diamond Tail) by acquiring 12 strands increases limited capacity between Albuquerque and Santa Fe from PFC and cost sharing.

Project Need Justification

As PNM prepares for the future with its optical network infrastructure, there are key components that need developing. The opportunity to enhance tribal engagement is essential. PNM and Tribal relations in the past have been strained. There are benefits to both PNM and the Tribal Relations to have collaboration that will benefit both parties. These efforts will build trust and strengthen the relationship for future efforts. In addition, there have been commitments from PNM’s Leadership to the tribal community, specifically San Ildefonso Pueblo to develop greater capacity in communities, and potential business development opportunities with surrounding communities, such as LANL.

This project will incorporate five different efforts:

- Project 1: Pathnet Line/Santa Ana and Zia Pueblos Fiber Project – Critical to the Pathnet line renewal/perfection of easement with the Pueblos of Santa Ana and Zia and provides PNM the ability to re-route traffic if portion of Cabezon-Rio Puerco (CZ) line becomes damaged.
- Project 2: San Felipe Pueblo Fiber Project - This effort will replace static cable on the line between BA Station and North Bernalillo substation with Optical Ground Wire (OPGW) providing great service throughout the San Felipe Pueblo. It will also allow PNM to build a portion of the route needed to meet up with the Diamond Tail backup circuit and potentially a set of fibers proposed as part of the Tribal Strategy that would be obtained on a line owned by the Tribal Consortium for commercial use along the I-25 corridor.
- Project 3: Provides the San Ildefonso Pueblo an opportunity to develop great capacity in the community and potential business development opportunities with the surrounding community such as LANL, while providing PNM a cap upon ROW costs/acres in exchange for providing fiber access. The project build provides PNM a fiber route to multiple substations in Santa Fe including Caja del Rio substation as well as creating an alternate path for the Algodones-Norton-Zia (ANZ) line.
- Project 4: Pueblo of Laguna/Laguna Development Corporation (LDC) Fiber Project – Secures fiber for Huning Ranch to West Mesa (FB2), Future Line (FB3) and Santolina and solves ROW issues for the Petroglyph Monument/private property ROW issues between 505 Marquette & Rio Puerco to West Mesa Line (BJ97).
- Project 5: Pueblo Fiber Consortium (PFC) - Efforts will expand PNM’s internal communications North of Albuquerque (Enchanted Hills to Corrales Bluff route required for Diamond Tail) by acquiring 12 strands increases limited capacity between Albuquerque and Santa Fe from PFC and cost sharing. The effort will enable PNM optical communication to substations along Rio Grande corridor.

Project Alternatives

The other alternative would be to find routing around the tribal lands, which would add cost to secure the routes and materials and increase the overall project cost and duration.

Project Estimate Approach

PNM has limited engineering resources for this project. An assumption exists that PNM will have adequate available fibers for all anticipated Infeasible Right of Use (IRUs) and conversely that fibers exist for barter within all expected reciprocal IRUs.

PNM Internal Team that handles permitting and ROW access is working closely with the entire team and Project Manager to ensure no deadlines are missed and permitting and ROW access are correct. PNM will monitor ROW for each of the five projects.

The project requires long lead communication and equipment items (steel poles, fiber) which require constant review. With each segment, there will be environmental costs, surveys and planning costs, and PNM wants to ensure those are documented and budgeted for properly. The Pathnet/Tri-State ROW cost allocation/asset transfer agreement was finalized on July 31, 2020.

Customer Benefit

Customers benefit from improved Tribal relations and extending fiber for faster response of PNM facilities (response and monitoring).

Primary Value Driver Reliability

Safety

Reliability Increased monitoring and operational control

System Performance

Security Increased real time monitoring of substations and avoidance of theft or damages

Compliance

Environmental

Project No:	64807140 Tribal Fiber-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	87,418	1,000	1,065	2,500	3,000	1,000	1,000	96,983
120: Overtime-General	2,112	-	-	-	-	-	-	2,112
350: Material Issues-Major	557,226	-	100,000	100,000	100,000	100,000	-	957,226
370: Outside Services	1,666,962	15,000	100,000	100,000	100,000	100,000	100,000	2,181,962
374: Outside Services Legal	328,403	-	-	-	-	-	-	328,403
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	12,494	-	-	-	-	-	-	12,494
805: Land and Land Rights	500,000	-	-	-	-	-	-	500,000
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,727	76	81	189	227	76	76	7,452
914: Pension and Benefits	20,053	215	229	538	646	215	215	22,111
915: Injuries and Damages	7,053	86	91	214	257	86	86	7,871
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	7,153	-	7,315	7,315	7,315	7,315	-	36,413
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	137,927	655	8,059	8,138	8,165	8,055	4,055	175,053
926: A&G Loads	148,015	634	7,962	8,019	8,039	7,960	4,000	184,628
928: AFUDC Debt	50,417	4,516	4,704	5,036	5,371	5,707	5,963	81,713
929: AFUDC Equity	158,976	10,839	11,289	12,086	12,891	13,697	14,312	234,090
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(501,244)	-	-	-	-	-	(4,296,334)	(4,797,578)
825: Closing Cost of Removal	-	-	-	-	-	-	(30,935)	(30,935)
Project Net	3,189,693	33,020	240,795	244,035	245,911	244,110	(4,197,563)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	96,983	1,500	2,000	2,000	2,000	2,000	500	-	-	-	-	-	-	106,983
120: Overtime-General	2,112	-	-	-	-	-	-	-	-	-	-	-	-	2,112
350: Material Issues-Major	957,226	100,000	100,000	100,000	-	-	-	-	-	-	-	-	-	1,257,226
370: Outside Services	2,181,962	100,000	100,000	100,000	70,000	-	-	-	-	-	-	-	-	2,551,962
374: Outside Services Legal	328,403	-	-	-	-	-	-	-	-	-	-	-	-	328,403
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	12,494	-	-	-	-	-	-	-	-	-	-	-	-	12,494
805: Land and Land Rights	500,000	-	-	-	-	-	-	-	-	-	-	-	-	500,000
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,452	113	151	151	151	151	38	-	-	-	-	-	-	8,205
914: Pension and Benefits	22,111	345	461	461	461	461	115	-	-	-	-	-	-	24,414
915: Injuries and Damages	7,871	149	199	199	199	199	50	-	-	-	-	-	-	8,866
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,413	7,296	7,296	7,296	-	-	-	-	-	-	-	-	-	58,301
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	175,053	10,105	10,141	10,141	3,641	141	35	-	-	-	-	-	-	209,256
926: A&G Loads	184,628	7,234	7,252	7,252	2,585	72	18	-	-	-	-	-	-	209,040
928: AFUDC Debt	81,713	234	703	1,176	1,498	1,589	1,601	-	-	-	-	-	-	88,514
929: AFUDC Equity	234,090	298	897	1,500	1,910	2,028	2,042	-	-	-	-	-	-	242,766
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,797,578)	-	-	-	-	-	(757,094)	-	-	-	-	-	-	(5,554,672)
825: Closing Cost of Removal	(30,935)	-	-	-	-	-	(22,937)	-	-	-	-	-	-	(53,872)
Project Net	0	227,275	229,099	230,174	82,444	6,640	(775,631)	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	106,983	-	-	-	-	-	-	-	-	-	-	-	-	106,983
120: Overtime-General	2,112	-	-	-	-	-	-	-	-	-	-	-	-	2,112
350: Material Issues-Major	1,257,226	-	-	-	-	-	-	-	-	-	-	-	-	1,257,226
370: Outside Services	2,551,962	-	-	-	-	-	-	-	-	-	-	-	-	2,551,962
374: Outside Services Legal	328,403	-	-	-	-	-	-	-	-	-	-	-	-	328,403
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	12,494	-	-	-	-	-	-	-	-	-	-	-	-	12,494
805: Land and Land Rights	500,000	-	-	-	-	-	-	-	-	-	-	-	-	500,000
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	8,205	-	-	-	-	-	-	-	-	-	-	-	-	8,205
914: Pension and Benefits	24,414	-	-	-	-	-	-	-	-	-	-	-	-	24,414
915: Injuries and Damages	8,866	-	-	-	-	-	-	-	-	-	-	-	-	8,866
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	58,301	-	-	-	-	-	-	-	-	-	-	-	-	58,301
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	209,256	-	-	-	-	-	-	-	-	-	-	-	-	209,256
926: A&G Loads	209,040	-	-	-	-	-	-	-	-	-	-	-	-	209,040
928: AFUDC Debt	88,514	-	-	-	-	-	-	-	-	-	-	-	-	88,514
929: AFUDC Equity	242,766	-	-	-	-	-	-	-	-	-	-	-	-	242,766
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,554,672)	-	-	-	-	-	-	-	-	-	-	-	-	(5,554,672)
825: Closing Cost of Removal	(53,872)	-	-	-	-	-	-	-	-	-	-	-	-	(53,872)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64807143 Wildfire Mitigation-Transm-WFF

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

Estimated Start Date	1/1/2021	<u>County %</u>	Lincoln	15%	San Miguel	15%
Estimated Completion Date	12/31/2023		Otero	15%		
			Grant	25%		
			Bernalillo	15%		
			Santa Fe	15%		

Description
PNM has established a Wildfire Mitigation Program (WMP) to identify wildfire risk drivers, and develop and tactics and strategies to mitigate the hazards. The funding being requested will be used to perform analysis, design, and construction aimed to reduce possible ignition sources and thereby reduce the risk of wildfire on the approximately 604 miles of transmission lines in the Hazardous Fire Area's (HFA's). The program advanced relaying, non-wood poles, fire-safe lightning arrestors, switches and replace other devices to help reduce possible ignition sources. The funding will also cover the cost of data collection, LiDAR surveys, field inventory, line inspection, and modeling of the electric system to assist in the selection of appropriate engineering solutions to prevent wildfire.

Project Need Justification
In recent years, the western United States has seen an increase in damaging wildfire activity. A contributing factor to this increase is climate change. Both climatologists and fire scientists anticipate longer fire seasons and more extreme fire behavior in future years. This new normal will require new coping stratagems. To address these changing climatic conditions, PNM has established the WPM to identify and implement the necessary actions.

Project Alternatives
The only alternative is to do nothing. This option would continue with "business as usual" which would delay the response needed by PNM to ensure it is working to reduce the risk and intensity of wildfire events.

Project Estimate Approach
The Cost estimates are based on requests for proposals (RFPs) and data received by PNM's consultant, EDM International. PNM also used previous engineering estimates for similar types of work on the PNM system.

Customer Benefit
This WMP will serve as a blueprint to help reduce the risk of PNM infrastructure or operations being the cause of unwanted wild land fire ignitions. In doing so, the plan will also enhance grid resiliency and public safety through new strategies, technologies, and operating guidelines given the changing climate.

Primary Value Driver Safety
Safety This program is aimed at reducing the frequency and intensity of wildfires which should reduce safety risks to personnel and the general public.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	64807143 Wildfire Mitigation-Transm-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	250,000	160,000	-	-	-	-	410,000
370: Outside Services	122,687	-	-	-	-	-	-	122,687
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	379	18,288	11,704	-	-	-	-	30,370
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	11,964	10,000	6,400	-	-	-	-	28,364
926: A&G Loads	5,459	9,900	6,336	-	-	-	-	21,695
928: AFUDC Debt	707	400	725	855	859	863	867	5,277
929: AFUDC Equity	2,115	959	1,741	2,052	2,062	2,072	2,082	13,083
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	143,312	289,547	186,906	2,907	2,921	2,935	2,949	631,479

Project No:	64807143 Wildfire Mitigation-Transm-WFF													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	410,000	-	-	-	-	-	-	-	-	-	-	-	-	410,000
370: Outside Services	122,687	-	-	-	100,000	100,000	100,000	-	-	-	-	-	-	422,687
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	30,370	-	-	-	-	-	-	-	-	-	-	-	-	30,370
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	28,364	-	-	-	5,000	5,000	5,000	-	-	-	-	-	-	43,364
926: A&G Loads	21,695	-	-	-	3,590	3,590	3,590	-	-	-	-	-	-	32,465
928: AFUDC Debt	5,277	1,312	1,319	1,325	1,443	1,674	1,906	2,028	-	-	-	-	-	16,286
929: AFUDC Equity	13,083	1,674	1,682	1,690	1,841	2,136	2,432	2,587	-	-	-	-	-	27,126
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(958,347)	-	-	-	-	-	(958,347)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(23,952)	-	-	-	-	-	(23,952)
Project Net	631,479	2,987	3,001	3,015	111,875	112,400	112,928	(977,685)	-	-	-	-	-	0

Project No:	64807143 Wildfire Mitigation-Transm-WFF													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	410,000	-	-	-	-	-	-	-	-	-	-	-	-	410,000
370: Outside Services	422,687	-	-	-	-	-	-	-	-	-	-	-	-	422,687
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	30,370	-	-	-	-	-	-	-	-	-	-	-	-	30,370
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	43,364	-	-	-	-	-	-	-	-	-	-	-	-	43,364
926: A&G Loads	32,465	-	-	-	-	-	-	-	-	-	-	-	-	32,465
928: AFUDC Debt	16,286	-	-	-	-	-	-	-	-	-	-	-	-	16,286
929: AFUDC Equity	27,126	-	-	-	-	-	-	-	-	-	-	-	-	27,126
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(958,347)	-	-	-	-	-	-	-	-	-	-	-	-	(958,347)
825: Closing Cost of Removal	(23,952)	-	-	-	-	-	-	-	-	-	-	-	-	(23,952)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64807219 Ojo Circuit Switcher 02586

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Rio Arriba 100%

Estimated Start Date 3/1/2019

Estimated Completion Date 12/31/2022

Description

A circuit breaker is designed to create, maintain, and interrupt the flow of current in both normal and fault conditions. Unlike switches, circuit breakers are able to be operated both manually and automatically, allowing for more reliable and safer operation. The purpose of this project is to replace the existing, aging circuit switcher at the Ojo electrical station in Rio Arriba with a circuit breaker.

Project Need Justification

The existing circuit switcher is past its expected life, and in poor condition. It's degradation no longer allows for safe and reliable operation. Replacing it with a new circuit breaker allows for safer and more reliable operation.

Project Alternatives

The only alternative for this project is the do-nothing approach. This approach was not considered, as the existing circuit switcher is in poor condition, and does not allow for safe and reliable operation.

Project Estimate Approach

The cost estimate for this project was developed using the standard procedure of the System Engineering department. Specifically, basic material costs were estimated using actual costs of similar past projects. To ensure accuracy, the figures for past projects are updated in estimating software periodically. For major equipment, alliance vendors were contacted for quotes and scheduling information. Additionally, labor and contractor estimates were evaluated based on past projects. Lastly, overhead costs are standard, and calculated using approved corporate software.

Customer Benefit

Replacing the existing circuit switcher with a circuit breaker ensures that response time to outages and other issues is minimized. In addition, improved operability can improve system reliability, therefore directly benefiting customers.

Primary Value Driver

Reliability

Safety

The current circuit switcher has aged, and no longer operates safely and reliably. This new circuit breaker can be operated automatically, and allows for more reliable, safer, and efficient operations.

Reliability

Replacement of the circuit switcher with a circuit breaker will ensure proper control and protection of the transformer. The improved operability of the unit will minimize downtime, and have positive impacts on system reliability.

System Performance

Security

Compliance

Environmental

Project No:	64807219 Ojo Circuit Switcher 02586							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	195,496	-	-	-	20,000	-	-	215,496
120: Overtime-General	86,093	-	-	-	-	-	-	86,093
350: Material Issues-Major	109,009	-	-	-	-	-	-	109,009
370: Outside Services	215,571	-	-	-	200,000	-	-	415,571
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,768	-	-	-	-	-	-	3,768
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	142,360	-	-	-	-	-	-	142,360
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	21,211	-	-	-	1,514	-	-	22,725
914: Pension and Benefits	63,717	-	-	-	4,304	-	-	68,021
915: Injuries and Damages	22,845	-	-	-	1,712	-	-	24,557
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,634	-	-	-	-	-	-	1,634
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	51,257	-	-	-	9,101	-	-	60,359
926: A&G Loads	38,790	-	-	-	8,712	-	-	47,502
928: AFUDC Debt	20,493	1,466	1,473	1,480	1,655	1,831	1,840	30,239
929: AFUDC Equity	66,039	3,519	3,536	3,553	3,973	4,395	4,416	89,431
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(1,309,404)	(1,309,404)
825: Closing Cost of Removal	-	-	-	-	-	-	(7,360)	(7,360)
Project Net	1,038,284	4,985	5,009	5,033	250,971	6,227	(1,310,508)	(0)

Project No:	64807219 Ojo Circuit Switcher 02586													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	215,496	-	-	-	-	-	-	-	-	-	-	-	-	215,496
120: Overtime-General	86,093	-	-	-	-	-	-	-	-	-	-	-	-	86,093
350: Material Issues-Major	109,009	-	-	-	-	-	-	-	-	-	-	-	-	109,009
370: Outside Services	415,571	-	-	-	-	-	-	-	-	-	-	-	-	415,571
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,768	-	-	-	-	-	-	-	-	-	-	-	-	3,768
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	142,360	-	-	-	-	-	-	-	-	-	-	-	-	142,360
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,725	-	-	-	-	-	-	-	-	-	-	-	-	22,725
914: Pension and Benefits	68,021	-	-	-	-	-	-	-	-	-	-	-	-	68,021
915: Injuries and Damages	24,557	-	-	-	-	-	-	-	-	-	-	-	-	24,557
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,634	-	-	-	-	-	-	-	-	-	-	-	-	1,634
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	60,359	-	-	-	-	-	-	-	-	-	-	-	-	60,359
926: A&G Loads	47,502	-	-	-	-	-	-	-	-	-	-	-	-	47,502
928: AFUDC Debt	30,239	-	-	-	-	-	-	-	-	-	-	-	-	30,239
929: AFUDC Equity	89,431	-	-	-	-	-	-	-	-	-	-	-	-	89,431
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,309,404)	-	-	-	-	-	-	-	-	-	-	-	-	(1,309,404)
825: Closing Cost of Removal	(7,360)	-	-	-	-	-	-	-	-	-	-	-	-	(7,360)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	64807219 Ojo Circuit Switcher 02586													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	215,496	-	-	-	-	-	-	-	-	-	-	-	-	215,496
120: Overtime-General	86,093	-	-	-	-	-	-	-	-	-	-	-	-	86,093
350: Material Issues-Major	109,009	-	-	-	-	-	-	-	-	-	-	-	-	109,009
370: Outside Services	415,571	-	-	-	-	-	-	-	-	-	-	-	-	415,571
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,768	-	-	-	-	-	-	-	-	-	-	-	-	3,768
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	142,360	-	-	-	-	-	-	-	-	-	-	-	-	142,360
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,725	-	-	-	-	-	-	-	-	-	-	-	-	22,725
914: Pension and Benefits	68,021	-	-	-	-	-	-	-	-	-	-	-	-	68,021
915: Injuries and Damages	24,557	-	-	-	-	-	-	-	-	-	-	-	-	24,557
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,634	-	-	-	-	-	-	-	-	-	-	-	-	1,634
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	60,359	-	-	-	-	-	-	-	-	-	-	-	-	60,359
926: A&G Loads	47,502	-	-	-	-	-	-	-	-	-	-	-	-	47,502
928: AFUDC Debt	30,239	-	-	-	-	-	-	-	-	-	-	-	-	30,239
929: AFUDC Equity	89,431	-	-	-	-	-	-	-	-	-	-	-	-	89,431
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,309,404)	-	-	-	-	-	-	-	-	-	-	-	-	(1,309,404)
825: Closing Cost of Removal	(7,360)	-	-	-	-	-	-	-	-	-	-	-	-	(7,360)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64807321 System Equipment Upgrade-WFF

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 12/1/2020

Estimated Completion Date 12/31/2026

Description
This project is to acquire long-lead time equipment to support aging infrastructure replacement projects and ensure critical spare inventory is on hand to restore service in the case of unexpected failures.

Project Need Justification
The purpose of this project is to replace aging infrastructure throughout PNM's system which will modernize PNM's electric grid and improve reliability and safety on both transmission and distribution systems. PNM has a widespread aging system infrastructure that needs to be replaced, modernized and upgraded, which is the reason for the PNM Infrastructure Investment initiative. This is inclusive of partial or complete substation rebuilds, and transmission line rebuilds. The execution phase of the project is expected to last for several years. The necessary equipment has been identified for anticipated work. PNM sees the need to order equipment earlier than normal due to supply chain constraints that continue to worsen with the goal of proactively replacing equipment or facilities at or beyond the end of their useful life.

Project Alternatives
The only alternative is the do nothing approach. This alternative was not considered since aging infrastructure and past technologies are more susceptible to faults and failures and more likely to trigger outages, which negatively affect system reliability. Not having readily available spare equipment will increase the time to restoration.

Project Estimate Approach
The estimate was based on the projected list of equipment needed, whole costs were determined through vendor quotes and prior project experience.

Customer Benefit
PNM is ensuring access to spare equipment for reactive and proactive replacement projects, hedging against supply chain risks. This ready access to necessary equipment will reduce restoration times, directly benefitting customers.

Primary Value Driver Reliability

Safety

Reliability PNM is ensuring access to spare equipment and equipment for proactive replacement projects to hedge against supply chain risk for the purpose of maintaining system reliability.

System Performance

Security

Compliance

Environmental

Project No:	64807321 System Equipment Upgrade-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	30,845	-	-	-	-	-	-	30,845
120: Overtime-General	1,566	-	-	-	-	-	-	1,566
350: Material Issues-Major	524,750	-	-	-	-	-	-	524,750
370: Outside Services	230,723	-	-	-	-	-	-	230,723
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,524	-	-	-	-	-	-	5,524
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	940	-	-	-	-	-	-	940
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,450	-	-	-	-	-	-	2,450
914: Pension and Benefits	7,546	-	-	-	-	-	-	7,546
915: Injuries and Damages	2,742	-	-	-	-	-	-	2,742
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,789	-	-	-	-	-	-	2,789
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	(116,534)	-	-	-	-	-	-	(116,534)
926: A&G Loads	59,161	-	-	-	-	-	-	59,161
928: AFUDC Debt	36,651	1,210	1,215	1,221	1,227	1,233	1,239	43,996
929: AFUDC Equity	117,482	2,903	2,917	2,931	2,945	2,959	2,974	135,112
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(624,617)	(624,617)
825: Closing Cost of Removal	-	-	-	-	-	-	(27,509)	(27,509)
Project Net	906,634	4,113	4,133	4,152	4,172	4,192	(647,914)	279,483

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	30,845	-	-	-	-	-	-	-	-	-	-	-	-	30,845
120: Overtime-General	1,566	-	-	-	-	-	-	-	-	-	-	-	-	1,566
350: Material Issues-Major	524,750	-	-	-	-	-	-	-	-	-	-	-	-	524,750
370: Outside Services	230,723	-	-	-	-	-	-	-	-	-	-	-	-	230,723
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,524	-	-	-	-	-	-	-	-	-	-	-	-	5,524
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	940	-	-	-	-	-	-	-	-	-	-	-	-	940
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,450	-	-	-	-	-	-	-	-	-	-	-	-	2,450
914: Pension and Benefits	7,546	-	-	-	-	-	-	-	-	-	-	-	-	7,546
915: Injuries and Damages	2,742	-	-	-	-	-	-	-	-	-	-	-	-	2,742
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,789	-	-	-	-	-	-	-	-	-	-	-	-	2,789
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(116,534)	-	-	-	-	-	-	-	-	-	-	-	-	(116,534)
926: A&G Loads	59,161	-	-	-	-	-	-	-	-	-	-	-	-	59,161
928: AFUDC Debt	43,996	562	565	568	571	573	576	579	582	584	587	590	593	50,926
929: AFUDC Equity	135,112	717	721	724	728	731	735	738	742	746	749	753	756	143,952
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(624,617)	-	-	-	-	-	-	-	-	-	-	-	(198,424)	(823,042)
825: Closing Cost of Removal	(27,509)	-	-	-	-	-	-	-	-	-	-	-	(8,253)	(35,762)
Project Net	279,483	1,280	1,286	1,292	1,298	1,305	1,311	1,317	1,324	1,330	1,336	1,343	(205,328)	88,576

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	30,845	-	-	-	-	-	-	-	-	-	-	-	-	30,845
120: Overtime-General	1,566	-	-	-	-	-	-	-	-	-	-	-	-	1,566
350: Material Issues-Major	524,750	-	-	-	-	-	-	-	-	-	-	-	-	524,750
370: Outside Services	230,723	-	-	-	-	-	-	-	-	-	-	-	-	230,723
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,524	-	-	-	-	-	-	-	-	-	-	-	-	5,524
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	940	-	-	-	-	-	-	-	-	-	-	-	-	940
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,450	-	-	-	-	-	-	-	-	-	-	-	-	2,450
914: Pension and Benefits	7,546	-	-	-	-	-	-	-	-	-	-	-	-	7,546
915: Injuries and Damages	2,742	-	-	-	-	-	-	-	-	-	-	-	-	2,742
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,789	-	-	-	-	-	-	-	-	-	-	-	-	2,789
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(116,534)	-	-	-	-	-	-	-	-	-	-	-	-	(116,534)
926: A&G Loads	59,161	-	-	-	-	-	-	-	-	-	-	-	-	59,161
928: AFUDC Debt	50,926	151	152	153	153	154	155	156	156	157	158	159	159	52,789
929: AFUDC Equity	143,952	262	263	264	266	267	268	270	271	272	274	275	276	147,181
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(823,042)	-	-	-	-	-	-	-	-	-	-	-	(63,092)	(886,134)
825: Closing Cost of Removal	(35,762)	-	-	-	-	-	-	-	-	-	-	-	(2,476)	(38,237)
Project Net	88,576	413	415	417	419	421	423	425	427	430	432	434	(65,132)	28,100

Project No: 64807322 WFF-Reconfig Tap Sub Unit 2

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 12/18/2020

Estimated Completion Date 9/1/2022

Description County % Total System 100%
This project consists of purchasing long lead equipment for future projects. Examples of equipment to be purchased includes breakers, transformers, and control houses. Due to supply chain disruptions, ensure compliance with contractual obligations, and meet system needs, PNM must procure equipment much earlier than it has previously in the past. This equipment will be used on other projects and charges will be transferred accordingly.

Project Need Justification
In the past two years, lead times on substation equipment such as breakers, transformers, and control houses has increased significantly, even doubling in some instances. If PNM does not order equipment early enough, there is an increased risk that contractual obligations and system needs will not be met. This equipment purchased will be standard to ensure it can be used at several locations within PNM's system.

Project Alternatives
The only alternative available is the do nothing alternative. This alternative is not recommended as it could result in not having the right equipment when needed which could result in missed energizations dates for important substation projects.

Project Estimate Approach
Estimate was created using actual equipment costs and quantities.

Customer Benefit
Customers will benefit from the equipment as it is used in specific projects per the benefits of that project. In addition, ordering the equipment early ensures PNM will have the equipment needed to ensure benefits are realized timely in relation to system need.

Primary Value Driver Reliability

Safety

Reliability
On time energization of projects, whether generation interconnections, system improvements, or addition of capacity is integral for reliability of the system. Ordering the equipment early so it is available when needed ensures that those benefits are timely in relation to system need.

System Performance

Security

Compliance

Environmental

Project No:	64807322 WFF-Reconfig Tap Sub Unit 2							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	26,130	-	-	-	-	-	-	26,130
120: Overtime-General	179	-	-	-	-	-	-	179
350: Material Issues-Major	5,281,697	-	-	-	-	-	-	5,281,697
370: Outside Services	39,164	-	-	-	-	-	-	39,164
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	37,522	-	-	-	-	-	-	37,522
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,987	-	-	-	-	-	-	1,987
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,981	-	-	-	-	-	-	1,981
914: Pension and Benefits	5,885	-	-	-	-	-	-	5,885
915: Injuries and Damages	2,131	-	-	-	-	-	-	2,131
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	16,840	-	-	-	-	-	-	16,840
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	131,096	-	-	-	-	-	-	131,096
926: A&G Loads	278,908	-	-	-	-	-	-	278,908
928: AFUDC Debt	139,564	2,419	2,430	2,442	-	-	-	146,855
929: AFUDC Equity	455,284	5,805	5,833	5,861	-	-	-	472,782
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,690,112)	-	-	(1,737,686)	-	-	-	(6,427,798)
825: Closing Cost of Removal	-	-	-	-	(15,359)	-	-	(15,359)
Project Net	1,728,256	8,224	8,263	(1,729,383)	(15,359)	-	-	(0)

Project No:	64807322 WFF-Reconfig Tap Sub Unit 2													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	26,130	-	-	-	-	-	-	-	-	-	-	-	-	26,130
120: Overtime-General	179	-	-	-	-	-	-	-	-	-	-	-	-	179
350: Material Issues-Major	5,281,697	-	-	-	-	-	-	-	-	-	-	-	-	5,281,697
370: Outside Services	39,164	-	-	-	-	-	-	-	-	-	-	-	-	39,164
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	37,522	-	-	-	-	-	-	-	-	-	-	-	-	37,522
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,987	-	-	-	-	-	-	-	-	-	-	-	-	1,987
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,981	-	-	-	-	-	-	-	-	-	-	-	-	1,981
914: Pension and Benefits	5,885	-	-	-	-	-	-	-	-	-	-	-	-	5,885
915: Injuries and Damages	2,131	-	-	-	-	-	-	-	-	-	-	-	-	2,131
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	16,840	-	-	-	-	-	-	-	-	-	-	-	-	16,840
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	131,096	-	-	-	-	-	-	-	-	-	-	-	-	131,096
926: A&G Loads	278,908	-	-	-	-	-	-	-	-	-	-	-	-	278,908
928: AFUDC Debt	146,855	-	-	-	-	-	-	-	-	-	-	-	-	146,855
929: AFUDC Equity	472,782	-	-	-	-	-	-	-	-	-	-	-	-	472,782
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,427,798)	-	-	-	-	-	-	-	-	-	-	-	-	(6,427,798)
825: Closing Cost of Removal	(15,359)	-	-	-	-	-	-	-	-	-	-	-	-	(15,359)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	64807322 WFF-Reconfig Tap Sub Unit 2													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	26,130	-	-	-	-	-	-	-	-	-	-	-	-	26,130
120: Overtime-General	179	-	-	-	-	-	-	-	-	-	-	-	-	179
350: Material Issues-Major	5,281,697	-	-	-	-	-	-	-	-	-	-	-	-	5,281,697
370: Outside Services	39,164	-	-	-	-	-	-	-	-	-	-	-	-	39,164
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	37,522	-	-	-	-	-	-	-	-	-	-	-	-	37,522
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,987	-	-	-	-	-	-	-	-	-	-	-	-	1,987
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,981	-	-	-	-	-	-	-	-	-	-	-	-	1,981
914: Pension and Benefits	5,885	-	-	-	-	-	-	-	-	-	-	-	-	5,885
915: Injuries and Damages	2,131	-	-	-	-	-	-	-	-	-	-	-	-	2,131
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	16,840	-	-	-	-	-	-	-	-	-	-	-	-	16,840
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	131,096	-	-	-	-	-	-	-	-	-	-	-	-	131,096
926: A&G Loads	278,908	-	-	-	-	-	-	-	-	-	-	-	-	278,908
928: AFUDC Debt	146,855	-	-	-	-	-	-	-	-	-	-	-	-	146,855
929: AFUDC Equity	472,782	-	-	-	-	-	-	-	-	-	-	-	-	472,782
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,427,798)	-	-	-	-	-	-	-	-	-	-	-	-	(6,427,798)
825: Closing Cost of Removal	(15,359)	-	-	-	-	-	-	-	-	-	-	-	-	(15,359)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64807323 WFF-345kV Struc Repl Phase 5

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % San Juan 100%

Estimated Start Date 12/1/2020

Estimated Completion Date 12/31/2023

Description

Transmission line poles can be constructed in a variety of ways. Transmission poles in San Juan county are wooden K-Frame tangent structures. The purpose of this project is to continue replacement of these wooden K-Frame tangent structures with steel H-Frame structures on the FW 345kV Transmission Line.

For this major transmission line segment, replacing the existing aged wood structures with new, current technology steel structures provide long-term durability for the future. Specifically, this project aims to meet the following operation and safety objectives:

1. Protect and maintain PNM's major transmission infrastructure from line damage and collapse
2. Mitigate bulk-electric system operational risk and ensure customer power delivery
3. Mitigate public's and personnel's hazardous exposure to extra high voltage infrastructure

Project Need Justification

This 345kV transmission line is over 50 years old and reaching the end of its useful life. As this structure ages, its risk of failure increases. The 345kV transmission lines carry the bulk electric grid power necessary for support and delivery of customer energy and capacity needs. It is critical to mitigate any risks to bulk electric operations, as failure of these lines can cause extended and widespread outages.

Project Alternatives

The only alternative to this project is to continue replacing components as they fail and rebuilding with similar wood structure members. As structures continue to age, maintenance costs will escalate. Additionally, the risk of decreased reliability and line damage due to potential structure failures will increase. Further, once these transmission structures approach the end of their useful lives, maintenance options are few, as the basic structural integrity of the line has degraded beyond maintenance practices.

Project Estimate Approach

For major equipment like transmission structures we contacted our alliance vendor (Trinity Meyer) and requested information regarding the costs and schedules of these major items. Additionally, labor and contractor estimates were created from past projects that are similar in nature.

Customer Benefit

These enhancements will ensure that system reliability and power delivery efficiency is maximized. Specifically, these enhancements will minimize unplanned and planned downtime. These minimizations will benefit customers directly.

Primary Value Driver Reliability

Safety

Reliability Replacement of wooden structures installed in the 1960's that are well past their expected life-cycle with new steel structures will ensure the reliability of PNM's 345kV bulk transmission system. These enhancements will be reflected positively in the System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:

64807323 WFF-345kV Struc Repl Phase 5

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	8,322	50,000	50,000	50,000	50,000	50,000	50,000	308,322
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	6,687,910	-	-	-	-	-	-	6,687,910
370: Outside Services	240,047	500,000	500,000	1,000,000	1,000,000	500,000	500,000	4,240,047
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	233	-	-	-	-	-	-	233
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	623	3,785	3,785	3,785	3,785	3,785	3,785	23,333
914: Pension and Benefits	1,840	10,760	10,760	10,760	10,760	10,760	10,760	66,400
915: Injuries and Damages	630	4,280	4,280	4,280	4,280	4,280	4,280	26,310
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	21,721	-	-	-	-	-	-	21,721
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	64,866	22,753	22,753	42,753	42,753	22,753	22,753	241,384
926: A&G Loads	323,383	21,780	21,780	41,580	41,580	21,780	21,780	493,663
928: AFUDC Debt	224,732	11,827	12,724	13,995	15,641	16,926	17,847	313,692
929: AFUDC Equity	718,376	28,386	30,539	33,589	37,541	40,625	42,836	931,891
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(12,997,930)	(12,997,930)
825: Closing Cost of Removal	-	-	-	-	-	-	(356,974)	(356,974)
Project Net	8,292,681	653,571	656,621	1,200,742	1,206,340	670,909	(12,680,863)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	308,322	-	-	-	-	-	-	-	-	-	-	-	-	308,322
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	6,687,910	-	-	-	-	-	-	-	-	-	-	-	-	6,687,910
370: Outside Services	4,240,047	-	-	-	-	-	-	-	-	-	-	-	-	4,240,047
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	233	-	-	-	-	-	-	-	-	-	-	-	-	233
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,333	-	-	-	-	-	-	-	-	-	-	-	-	23,333
914: Pension and Benefits	66,400	-	-	-	-	-	-	-	-	-	-	-	-	66,400
915: Injuries and Damages	26,310	-	-	-	-	-	-	-	-	-	-	-	-	26,310
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	21,721	-	-	-	-	-	-	-	-	-	-	-	-	21,721
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	241,384	-	-	-	-	-	-	-	-	-	-	-	-	241,384
926: A&G Loads	493,663	-	-	-	-	-	-	-	-	-	-	-	-	493,663
928: AFUDC Debt	313,692	-	-	-	-	-	-	-	-	-	-	-	-	313,692
929: AFUDC Equity	931,891	-	-	-	-	-	-	-	-	-	-	-	-	931,891
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(12,997,930)	-	-	-	-	-	-	-	-	-	-	-	-	(12,997,930)
825: Closing Cost of Removal	(356,974)	-	-	-	-	-	-	-	-	-	-	-	-	(356,974)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	308,322	-	-	-	-	-	-	-	-	-	-	-	-	308,322
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	6,687,910	-	-	-	-	-	-	-	-	-	-	-	-	6,687,910
370: Outside Services	4,240,047	-	-	-	-	-	-	-	-	-	-	-	-	4,240,047
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	233	-	-	-	-	-	-	-	-	-	-	-	-	233
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,333	-	-	-	-	-	-	-	-	-	-	-	-	23,333
914: Pension and Benefits	66,400	-	-	-	-	-	-	-	-	-	-	-	-	66,400
915: Injuries and Damages	26,310	-	-	-	-	-	-	-	-	-	-	-	-	26,310
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	21,721	-	-	-	-	-	-	-	-	-	-	-	-	21,721
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	241,384	-	-	-	-	-	-	-	-	-	-	-	-	241,384
926: A&G Loads	493,663	-	-	-	-	-	-	-	-	-	-	-	-	493,663
928: AFUDC Debt	313,692	-	-	-	-	-	-	-	-	-	-	-	-	313,692
929: AFUDC Equity	931,891	-	-	-	-	-	-	-	-	-	-	-	-	931,891
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(12,997,930)	-	-	-	-	-	-	-	-	-	-	-	-	(12,997,930)
825: Closing Cost of Removal	(356,974)	-	-	-	-	-	-	-	-	-	-	-	-	(356,974)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64807340 Pitt-Midway Circuit Switcher-Mtr Eq

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % McKinley 100%

Estimated Start Date 4/1/2020

Estimated Completion Date 12/31/2023

Description
This project covers the installation of upgraded circuit switchers at the Pitt-Midway Substation. The existing circuit switcher, which are equipped with several gaps/interruption points and have one disconnect blade per phase, has reached its end of life and needs to be replaced. It will be replaced by an upgraded version of switches that have only one interruption point and no blades which are easier to maintain and should increase reliability in fault situations.

Project Need Justification
The existing circuit switcher has reached its end of life and needs to be replaced.

Project Alternatives
Two alternatives considered were installing a circuit breaker and rebuilding/refurbishing the existing circuit switcher. Relative to this project, the cost of installing a circuit breaker is extremely high and was therefore not selected. The refurbishment alternative is not available to pursue because replacement parts needed to repair the existing circuit switchers are unavailable.

Project Estimate Approach
Estimated costs were based on similar equipment replacements completed in previous years. Some cost adders for the increase in the cost of construction labor and material since the completion of the most recent circuit switcher replacement.

Customer Benefit
Customers benefit from this project with increased reliability and improved system performance provided by the capabilities and features of the new switches.

Primary Value Driver System Performance

Safety The new circuit switcher is safer to operate and maintain which allows PNM substation crews to have a safer working environment.

Reliability The new circuit switcher increases reliability because they have fewer failure points than the currently installed equipment. The increased speeds of the circuit switcher allow faster load breaks compared to the existing units.

System Performance This project will improve system performance because the new technology, improved design, quicker load break, and the ability to repair more easily allow for shorter outages and less difficulty with spare parts for maintenance.

Security

Compliance

Environmental

Project No:	64807340 Pitt-Midway Circuit Switcher-Mtr Eq							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	10,121	10,121	10,121	30,364
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	16,616	16,616	16,616	49,848
370: Outside Services	-	-	-	-	83,221	83,221	83,221	249,662
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	766	766	766	2,299
914: Pension and Benefits	-	-	-	-	2,178	2,178	2,178	6,534
915: Injuries and Damages	-	-	-	-	866	866	866	2,599
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	1,215	1,215	1,215	3,646
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	4,551	4,551	4,551	13,652
926: A&G Loads	-	-	-	-	4,354	4,354	4,354	13,063
928: AFUDC Debt	-	-	-	-	85	255	426	766
929: AFUDC Equity	-	-	-	-	204	612	1,022	1,838
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	124,178	124,756	125,337	374,271

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	30,364	10,121	10,121	10,121	19,108	30,723	30,723	20,862	9,247	9,247	-	-	-	180,637
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	49,848	16,616	16,616	16,616	39,084	39,084	39,084	-	-	-	-	-	-	216,948
370: Outside Services	249,662	83,221	83,221	83,221	83,221	187,754	187,754	361,821	83,221	83,221	-	-	-	1,486,317
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	13,481	13,481	13,481	-	-	-	-	-	-	40,442
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,299	762	762	762	1,439	2,313	2,313	1,571	696	696	-	-	-	13,614
914: Pension and Benefits	6,534	2,331	2,331	2,331	4,401	7,076	7,076	4,804	2,130	2,130	-	-	-	41,142
915: Injuries and Damages	2,599	1,007	1,007	1,007	1,901	3,057	3,057	2,076	920	920	-	-	-	17,551
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,646	1,212	1,212	1,212	2,852	2,852	2,852	-	-	-	-	-	-	15,838
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	13,652	5,703	5,703	5,703	8,132	14,174	14,174	19,557	4,811	4,811	-	-	-	96,420
926: A&G Loads	13,063	3,948	3,948	3,948	5,561	9,730	9,730	13,738	3,320	3,320	-	-	-	70,304
928: AFUDC Debt	766	901	1,163	1,426	1,746	2,260	2,910	3,682	4,245	4,481	4,610	4,632	4,655	37,476
929: AFUDC Equity	1,838	1,149	1,483	1,819	2,228	2,882	3,712	4,697	5,415	5,716	5,881	5,909	5,938	48,666
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(2,199,979)	(2,199,979)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(65,376)	(65,376)
Project Net	374,271	126,971	127,567	128,166	183,152	315,386	316,867	432,807	114,004	114,540	10,491	10,541	(2,254,763)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	180,637	-	-	-	-	-	-	-	-	-	-	-	-	180,637
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	216,948	-	-	-	-	-	-	-	-	-	-	-	-	216,948
370: Outside Services	1,486,317	-	-	-	-	-	-	-	-	-	-	-	-	1,486,317
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	40,442	-	-	-	-	-	-	-	-	-	-	-	-	40,442
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,614	-	-	-	-	-	-	-	-	-	-	-	-	13,614
914: Pension and Benefits	41,142	-	-	-	-	-	-	-	-	-	-	-	-	41,142
915: Injuries and Damages	17,551	-	-	-	-	-	-	-	-	-	-	-	-	17,551
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,838	-	-	-	-	-	-	-	-	-	-	-	-	15,838
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	96,420	-	-	-	-	-	-	-	-	-	-	-	-	96,420
926: A&G Loads	70,304	-	-	-	-	-	-	-	-	-	-	-	-	70,304
928: AFUDC Debt	37,476	-	-	-	-	-	-	-	-	-	-	-	-	37,476
929: AFUDC Equity	48,666	-	-	-	-	-	-	-	-	-	-	-	-	48,666
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,199,979)	-	-	-	-	-	-	-	-	-	-	-	-	(2,199,979)
825: Closing Cost of Removal	(65,376)	-	-	-	-	-	-	-	-	-	-	-	-	(65,376)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64807417 Trans Emergency & Aging Equipment

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 7/1/2017

Estimated Completion Date 1/31/2028

Description

The purpose of this blanket project is to address failing or functionally obsolete equipment at transmission substations. Specifically, equipment purchased or replaced under this program includes medium power transformers, relays, circuit switches, and metal enclosed switchgear. Additionally, equipment with long lead times will be purchased due to the inability to acquire it within a reasonable time.

Project Need Justification

Recent analysis of PNM equipment performance, staff knowledge, and industry information has revealed that items that are out of service for an extended period of time could adversely affect PNM's ability to provide reliable service in accordance with established criteria. Currently, equipment at PNM's transmission stations is either aging or obsolete. Because some of these components have longer lead times, it is vital to order them prior to emergency conditions to minimize system downtime.

Project Alternatives

PNM evaluates project alternatives on a case-by-case basis. One alternative to this blanket project is to not purchase or replace equipment until needed. Should PNM take this approach, then the system may require reconfiguration. This would result in loss of redundancy, and loss of load during the time it takes to acquire and install equipment.

An example of the use of this program is the unexpected failure of the Prager Unit Substation. PNM evaluated the project based on alternatives consisting of repair, ability to reliably support the load through the underlying distribution system, or use of the emergency spare program. Based on long term costs and system reliability provided, use of the emergency spare was chosen. When the emergency spare was selected to be put into permanent service at Prager, another transformer was ordered for the emergency program.

Project Estimate Approach

PNM utilized existing long-term agreements for the purchase of larger items such as transformer, switchgear, and relays. Pricing has been and will continue to be evaluated at the time of development/renewal of the agreement. Other items were competitively priced from known quality vendors. Construction is performed under established unit rate contracts with known specialty firms. When possible, historic data was used to assist in developing these estimates. Less than 5% of the project budget is associated with direct PNM labor. Approximately 40% of the cost will go towards the purchase of industry standard items such as circuit switchers, and relays. The remaining 55% is associated with specialty work including engineered equipment (medium voltage transformers, metal enclosed switchgear) and contract construction for the installation

Customer Benefit

By implementing these improvements and purchasing replacements ahead of time, PNM can minimize system downtime and increase overall system reliability. This reliability increase will directly benefit customers.

Primary Value Driver Safety

Safety By replacing aging equipment and addressing emergency situations, PNM avoids employee and public safety incidents and damage to public property.

Reliability By implementing these improvements and purchasing equipment ahead of emergencies, PNM can ensure that downtime is minimized. These changes will have a positive impact on the System Average Interruption Duration Index (SAIDI).

System Performance This blanket project aims to replace aging components at transmission stations. Additionally, this project aims to purchase equipment with long lead times ahead of emergencies. By doing this, PNM can ensure components are up-to-date and fully functional. Therefore, this project aims to maximize system performance by ensuring components are fully functional and up-to-date.

Security

Compliance

Environmental

Project No:	64807417 Trans Emergency & Aging Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	374,886	-	-	-	-	-	-	374,886
370: Outside Services	2,063	-	-	-	-	-	-	2,063
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,398	-	-	-	-	-	-	2,398
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	16,993	-	-	-	-	-	-	16,993
926: A&G Loads	25,331	-	-	-	-	-	-	25,331
928: AFUDC Debt	4,276	-	-	-	-	-	-	4,276
929: AFUDC Equity	5,881	-	-	-	-	-	-	5,881
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(430,783)	-	-	-	-	-	-	(430,783)
825: Closing Cost of Removal	(1,045)	-	-	-	-	-	-	(1,045)
Project Net	(0)	-	-	-	-	-	-	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	45,918
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	374,886	-	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	566,741
370: Outside Services	2,063	-	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	262,722
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	974	974	974	974	974	974	974	974	974	974	974	10,714
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	314	314	314	314	314	314	314	314	314	314	314	3,458
914: Pension and Benefits	-	-	961	961	961	961	961	961	961	961	961	961	961	10,575
915: Injuries and Damages	-	-	415	415	415	415	415	415	415	415	415	415	415	4,569
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,398	-	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	16,396
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	16,993	-	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	43,381
926: A&G Loads	25,331	-	1,662	1,662	1,662	1,662	1,662	1,662	1,662	1,662	1,662	1,662	1,662	43,609
928: AFUDC Debt	4,276	-	55	165	276	138	249	360	471	187	298	409	521	7,406
929: AFUDC Equity	5,881	-	70	211	352	176	317	459	601	239	380	522	665	9,873
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(430,783)	-	-	-	(117,196)	-	-	-	(186,510)	-	-	-	(272,235)	(1,006,725)
825: Closing Cost of Removal	(1,045)	-	-	-	(3,598)	-	-	-	(5,698)	-	-	-	(8,296)	(18,637)
Project Net	(0)	-	53,435	53,686	(66,856)	53,624	53,876	54,129	(137,825)	53,736	53,988	54,242	(226,035)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	45,918	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	4,174	96,010
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	566,741	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	17,441	776,038
370: Outside Services	262,722	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	23,696	547,079
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	10,714	974	974	974	974	974	974	974	974	974	974	974	974	22,402
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,458	314	314	314	314	314	314	314	314	314	314	314	314	7,230
914: Pension and Benefits	10,575	961	961	961	961	961	961	961	961	961	961	961	961	22,111
915: Injuries and Damages	4,569	415	415	415	415	415	415	415	415	415	415	415	415	9,553
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	16,396	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	31,666
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	43,381	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	72,167
926: A&G Loads	43,609	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	67,771
928: AFUDC Debt	7,406	47	141	235	329	425	520	616	713	238	332	427	523	11,952
929: AFUDC Equity	9,873	81	244	407	571	736	902	1,068	1,236	412	576	741	907	17,753
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,006,725)	-	-	-	-	-	-	-	(318,515)	-	-	-	(318,536)	(1,643,776)
825: Closing Cost of Removal	(18,637)	-	-	-	-	-	-	-	(9,659)	-	-	-	(9,659)	(37,956)
Project Net	(0)	53,790	54,046	54,304	54,562	54,823	55,084	55,347	(272,564)	54,311	54,570	54,830	(273,103)	(0)

Project No: 64807513 Transmission Breaker Replacement

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Bernalillo 90%
Sandoval 10%

Estimated Start Date 4/19/2013

Estimated Completion Date 8/1/2022

Description

The purpose of this project is to replace outdated circuit breakers. Specifically, this project entails replacing the following breakers: 1-69kV breaker at Turquoise Station, 1-69kV breaker at MD-1 Station, 2-345kV breakers at Sandia Station, 4-345kV breakers at West Mesa Station, and 2-345kV breakers at BA Station. Additionally, 1-230kV breaker at West Mesa was also identified as not only being a poor performer, but a prime cause for power quality impacts to Intel. These units were identified by an analysis of performance and maintenance logs.

While working on breaker replacements other related items will be addressed. These include adding modern health monitoring equipment, addressing full cable troughs, updating remote terminal units (RTU) and other communication equipment to handle modern breaker requirements, and replacing some outdated breaker relays.

Project Need Justification

Some circuit breakers in these counties were installed as far back as the mid-1950's. These units have exceeded their useful lives and require extensive yearly maintenance. Additionally, spare parts of these units are difficult to obtain due to no longer being produced. Further, some breakers are underrated as a result of system growth over time. Because of these factors, it is necessary to replace them to maintain system performance and reliability.

Project Alternatives

The only alternative to this project is to continue maintaining aging breakers until spare parts are no longer available. This alternative was not considered because unit components will continue to fail until total replacement is necessary. Additionally, this approach permits continued use of underrated units, hindering system performance.

Project Estimate Approach

The cost estimate for this project was developed using the standard procedure of the System Engineering department. Specifically, basic material costs were estimated using actual costs of similar past projects. To ensure accuracy, the figures for past projects are updated in estimating software periodically. For major equipment, alliance vendors were contacted for quotes and scheduling information. Additionally, labor and contractor estimates were evaluated based on past projects. Lastly, overhead costs are standard, and calculated using approved corporate software.

Customer Benefit

Installing new breaker units ensures that system reliability is improved. This project will minimize system downtime, and improve system performance, therefore benefiting customers.

Primary Value Driver Reliability

Safety

Reliability Many of these circuit breakers were built in the mid-1950's. Being that components are no longer made, downtime from maintenance is long, and yearly operations are frequent. Replacing units will ensure that downtime is minimized, and maintenance operations decreases. These will lead to an improved System Average Interruption Duration Index (SAIDI).

System Performance Some units are underrated as a result of system growth. Replacing these outdated units with up-to-date ones will ensure system performance is maximized.

Security

Compliance

Environmental

Project No:	64807513 Transmission Breaker Replacement							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	634,615	-	-	-	-	-	-	634,615
120: Overtime-General	186,250	-	-	-	-	-	-	186,250
350: Material Issues-Major	1,042,450	-	-	-	-	-	-	1,042,450
370: Outside Services	4,341,256	-	-	-	-	-	-	4,341,256
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,335	-	-	-	-	-	-	5,335
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	75,862	-	-	-	-	-	-	75,862
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	57,535	-	-	-	-	-	-	57,535
914: Pension and Benefits	207,116	-	-	-	-	-	-	207,116
915: Injuries and Damages	52,538	-	-	-	-	-	-	52,538
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	36,031	-	-	-	-	-	-	36,031
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	341,796	-	-	-	-	-	-	341,796
926: A&G Loads	527,439	-	-	-	-	-	-	527,439
928: AFUDC Debt	243,061	522	524	-	-	-	-	244,107
929: AFUDC Equity	323,717	1,253	1,259	-	-	-	-	326,228
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(7,222,047)	-	(373,137)	-	-	-	-	(7,595,183)
825: Closing Cost of Removal	(396,759)	-	-	(86,614)	-	-	-	(483,373)
Project Net	456,193	1,774	(371,354)	(86,614)	-	-	-	0

Project No:	64807513 Transmission Breaker Replacement													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	634,615	-	-	-	-	-	-	-	-	-	-	-	-	634,615
120: Overtime-General	186,250	-	-	-	-	-	-	-	-	-	-	-	-	186,250
350: Material Issues-Major	1,042,450	-	-	-	-	-	-	-	-	-	-	-	-	1,042,450
370: Outside Services	4,341,256	-	-	-	-	-	-	-	-	-	-	-	-	4,341,256
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,335	-	-	-	-	-	-	-	-	-	-	-	-	5,335
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	75,862	-	-	-	-	-	-	-	-	-	-	-	-	75,862
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	57,535	-	-	-	-	-	-	-	-	-	-	-	-	57,535
914: Pension and Benefits	207,116	-	-	-	-	-	-	-	-	-	-	-	-	207,116
915: Injuries and Damages	52,538	-	-	-	-	-	-	-	-	-	-	-	-	52,538
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,031	-	-	-	-	-	-	-	-	-	-	-	-	36,031
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	341,796	-	-	-	-	-	-	-	-	-	-	-	-	341,796
926: A&G Loads	527,439	-	-	-	-	-	-	-	-	-	-	-	-	527,439
928: AFUDC Debt	244,107	-	-	-	-	-	-	-	-	-	-	-	-	244,107
929: AFUDC Equity	326,228	-	-	-	-	-	-	-	-	-	-	-	-	326,228
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,595,183)	-	-	-	-	-	-	-	-	-	-	-	-	(7,595,183)
825: Closing Cost of Removal	(483,373)	-	-	-	-	-	-	-	-	-	-	-	-	(483,373)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No:	64807513 Transmission Breaker Replacement													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	634,615	-	-	-	-	-	-	-	-	-	-	-	-	634,615
120: Overtime-General	186,250	-	-	-	-	-	-	-	-	-	-	-	-	186,250
350: Material Issues-Major	1,042,450	-	-	-	-	-	-	-	-	-	-	-	-	1,042,450
370: Outside Services	4,341,256	-	-	-	-	-	-	-	-	-	-	-	-	4,341,256
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,335	-	-	-	-	-	-	-	-	-	-	-	-	5,335
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	75,862	-	-	-	-	-	-	-	-	-	-	-	-	75,862
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	57,535	-	-	-	-	-	-	-	-	-	-	-	-	57,535
914: Pension and Benefits	207,116	-	-	-	-	-	-	-	-	-	-	-	-	207,116
915: Injuries and Damages	52,538	-	-	-	-	-	-	-	-	-	-	-	-	52,538
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,031	-	-	-	-	-	-	-	-	-	-	-	-	36,031
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	341,796	-	-	-	-	-	-	-	-	-	-	-	-	341,796
926: A&G Loads	527,439	-	-	-	-	-	-	-	-	-	-	-	-	527,439
928: AFUDC Debt	244,107	-	-	-	-	-	-	-	-	-	-	-	-	244,107
929: AFUDC Equity	326,228	-	-	-	-	-	-	-	-	-	-	-	-	326,228
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,595,183)	-	-	-	-	-	-	-	-	-	-	-	-	(7,595,183)
825: Closing Cost of Removal	(483,373)	-	-	-	-	-	-	-	-	-	-	-	-	(483,373)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64807540 NM SEL Relay Project 2021

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 5/31/2023

Description
This project replaces aging electromechanical, solid state, and legacy microprocessor relays with newer technology to improve reliability on PNM's grid.

Project Need Justification
Due to aging protective relaying equipment on the system, there was a need for a system-wide relay upgrade project to minimize possible relay failures that could lead to a system-wide disturbance. Over the past several years, multiple projects have been completed to address aging relays. PNM has taken a programmatic approach to relay upgrades to address existing relays that use old technology and have served well beyond their expected lifetime with parts or services that may no longer be available. Such an approach will help prevent the failure or misoperation of relays.

As a first step in this programmatic approach, PNM System Protection & Control Engineering in 2018 engaged Schweitzer Engineering Laboratory (SEL) to conduct a system-wide protection coordination study to identify and remediate protection system deficiencies and miscoordination. New standards have been developed for the transmission protection system and we are currently moving forward in a systematic approach to address the aging infrastructure based on the generated priority list for the five-year program. As a next step, PNM has started replacing aging protective relaying equipment with best-in-class equipment, standardized across PNM systems to improve performance while reducing errors, training, and operations and maintenance (O&M) expenses. PNM will continue to leverage the expertise and experience of SEL Engineering Services to implement this system-wide relay upgrade project.

PNM's relay upgrade project will be implemented in five phases, one phase for each year from 2019-2023. This CDAP is for the 2021 Phase of the project to be completed in 2021, during which approximately 30 percent of the relays will be upgraded.

Project Alternatives
PNM's standard is based on state-of-the-art Schweitzer Engineering Labs equipment and technology, therefore new alternatives are not considered given how recently the evaluation of potential technologies was done to kick of this program in 2018.

Project Estimate Approach
The estimate for the labor and materials was derived from quotes from the vendor and previous project experience.

Customer Benefit
Customers will benefit from the elimination of legacy technology that was subject to failure and/or could not be properly maintained due to out of date parts, etc. Newer relay technology allows for greater situational awareness which results in faster fault location detection and resolution.

Primary Value Driver Reliability

Safety

Reliability
Newer relay technology operates more quickly to remove faulted equipment from the system to protection from equipment damage. The newer technology also allows for quicker and more accurate determination of fault locations and reduces the likelihood of failure in real time.

System Performance

Security

Compliance

Environmental

Project No:	64807540 NM SEL Relay Project 2021							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	45,774	100	1,000	5,000	5,000	5,000	1,000	62,874
120: Overtime-General	1,742	-	-	-	-	-	-	1,742
350: Material Issues-Major	388,850	-	-	-	-	-	-	388,850
370: Outside Services	2,573,657	207,516	-	90,000	218,046	38,046	51,870	3,179,135
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	4,006	-	-	-	-	-	-	4,006
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,570	8	76	379	379	379	76	4,864
914: Pension and Benefits	10,494	22	215	1,076	1,076	1,076	215	14,174
915: Injuries and Damages	3,732	9	86	428	428	428	86	5,196
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,861	-	-	-	-	-	-	8,861
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	115,095	8,306	55	3,875	8,997	1,797	2,130	140,256
926: A&G Loads	154,210	8,222	40	3,762	8,833	1,705	2,094	178,864
928: AFUDC Debt	18,827	1,439	1,601	1,681	1,927	2,136	2,219	29,830
929: AFUDC Equity	63,289	3,455	3,842	4,035	4,625	5,126	5,325	89,698
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,214,591)	-	-	-	-	-	-	(2,214,591)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	1,177,518	229,076	6,915	110,236	249,311	55,692	65,013	1,893,761

Project No:	64807540 NM SEL Relay Project 2021													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	62,874	1,000	1,000	1,000	1,000	1,000	-	-	-	-	-	-	-	66,874
120: Overtime-General	1,742	-	-	-	-	-	-	-	-	-	-	-	-	1,742
350: Material Issues-Major	388,850	-	-	-	-	-	-	-	-	-	-	-	-	388,850
370: Outside Services	3,179,135	25,000	25,000	50,000	5,000	-	-	-	-	-	-	-	-	3,284,135
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	4,006	-	-	-	-	-	-	-	-	-	-	-	-	4,006
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,864	75	75	75	75	75	-	-	-	-	-	-	-	5,165
914: Pension and Benefits	14,174	230	230	230	230	230	-	-	-	-	-	-	-	15,095
915: Injuries and Damages	5,196	100	100	100	100	100	-	-	-	-	-	-	-	5,594
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,861	-	-	-	-	-	-	-	-	-	-	-	-	8,861
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	140,256	1,320	1,320	2,570	320	-	-	-	-	-	-	-	-	145,787
926: A&G Loads	178,864	933	933	1,831	215	-	-	-	-	-	-	-	-	182,778
928: AFUDC Debt	29,830	3,445	3,521	3,625	3,707	3,732	-	-	-	-	-	-	-	47,861
929: AFUDC Equity	89,698	4,395	4,492	4,624	4,729	4,761	-	-	-	-	-	-	-	112,699
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,214,591)	-	-	-	-	(1,768,466)	-	-	-	-	-	-	-	(3,983,057)
825: Closing Cost of Removal	-	-	-	-	-	(286,391)	-	-	-	-	-	-	-	(286,391)
Project Net	1,893,761	36,499	36,671	64,056	15,377	(2,046,364)	-	-	-	-	-	-	-	-

Project No:	64807540 NM SEL Relay Project 2021													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	66,874	-	-	-	-	-	-	-	-	-	-	-	-	66,874
120: Overtime-General	1,742	-	-	-	-	-	-	-	-	-	-	-	-	1,742
350: Material Issues-Major	388,850	-	-	-	-	-	-	-	-	-	-	-	-	388,850
370: Outside Services	3,284,135	-	-	-	-	-	-	-	-	-	-	-	-	3,284,135
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	4,006	-	-	-	-	-	-	-	-	-	-	-	-	4,006
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,165	-	-	-	-	-	-	-	-	-	-	-	-	5,165
914: Pension and Benefits	15,095	-	-	-	-	-	-	-	-	-	-	-	-	15,095
915: Injuries and Damages	5,594	-	-	-	-	-	-	-	-	-	-	-	-	5,594
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,861	-	-	-	-	-	-	-	-	-	-	-	-	8,861
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	145,787	-	-	-	-	-	-	-	-	-	-	-	-	145,787
926: A&G Loads	182,778	-	-	-	-	-	-	-	-	-	-	-	-	182,778
928: AFUDC Debt	47,861	-	-	-	-	-	-	-	-	-	-	-	-	47,861
929: AFUDC Equity	112,699	-	-	-	-	-	-	-	-	-	-	-	-	112,699
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,983,057)	-	-	-	-	-	-	-	-	-	-	-	-	(3,983,057)
825: Closing Cost of Removal	(286,391)	-	-	-	-	-	-	-	-	-	-	-	-	(286,391)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 64807642 **Guadalupe SVC Backup Generator**

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2023

Description
The ultimate purpose of this project is to improve the reliability and availability of auxiliary alternating current (AC) power at Guadalupe substation. This will be completed in two ways. First, a new backup generator will be installed for the Guadalupe Static Volt-Amps Reactive (VAR) Compensator (SVC). Secondly, a new 345kV station service voltage transformer (SSVT) will be installed to provide AC power for the main Guadalupe control house.

Project Need Justification
The SVC helps regulate voltage on the Eastern Interconnect 345kV system and is critical for full output of the connected wind farms. The SVC has only one source of start up power, which is fed from a ~30 mile long co-op distribution feed that is notably unreliable. A back up generator will be available to provide start up power for this critical facility at all times regardless of the state of the co-op distribution feed. Currently the main Guadalupe control house is fed from the tertiary windings of a 38-year-old shunt reactor within the station. However, when wind output is high, the system requires to de-energize this reactor, placing Guadalupe station on a long, unreliable co-op feed. The SSVT will replace the main AC power feed for the station and will have better availability and reliability than the reactor tertiary fee.

Project Alternatives
The alternative for the back up generator was using an existing generator that provides back up power for the main control house. However, this is not possible since the SVC requires 3 phase power. The existing generator is single phase, like the main control house, and is not large enough to support both loads. The alternative for the SSVT is tying the main control house to the SVC power. However, this is not possible due to the mentioned difference between 3 phase and single phase power. In addition, the SVC power is only available when the SVC is on. The do nothing option is not recommended since the existing level of reliability and availability of the AC power systems at Guadalupe station has been determined to not be acceptable.

Project Estimate Approach
The estimate was completed as a unit estimate based on recent costs for similar equipment and estimated internal labor hours for design and construction.

Customer Benefit
Guadalupe Station is a key link in the Eastern NM interconnection project. Upstream from Guadalupe station is approximately 900MW of connected wind generation capacity as well as the Blackwater Synchronous condenser and the direct current (DC)-DC connection to the Southwest Power Pool (SPP) grid. It is paramount that Guadalupe station is online at all times to support the customers in the area. A more reliable AC auxiliary power system aids towards this goal. The SVC is critical to controlling voltages on the eastern interconnect system. As such it is also very important for the system that it is available to start when required. All of this benefits the customers.

Primary Value Driver Reliability

Safety

Reliability The improvements described above will result in better reliability for the auxiliary AC power systems for the Guadalupe main control house and the SVC by reducing reliance on long, unreliable distribution feeds.

System Performance

Security

Compliance

Environmental

Project No: 64807642 Guadalupe SVC Backup Generator

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	6,925	6,925	6,925	6,925	27,698
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	14,743	14,743	14,743	14,743	58,971
370: Outside Services	-	-	-	44,715	44,715	44,715	44,715	178,859
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	1,968	1,968	1,968	1,968	7,873
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	524	524	524	524	2,097
914: Pension and Benefits	-	-	-	1,490	1,490	1,490	1,490	5,961
915: Injuries and Damages	-	-	-	593	593	593	593	2,371
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	1,078	1,078	1,078	1,078	4,314
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	2,838	2,838	2,838	2,838	11,353
926: A&G Loads	-	-	-	2,707	2,707	2,707	2,707	10,827
928: AFUDC Debt	-	-	-	53	160	267	374	854
929: AFUDC Equity	-	-	-	128	383	640	898	2,049
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(303,916)	(303,916)
825: Closing Cost of Removal	-	-	-	-	-	-	(9,310)	(9,310)
Project Net	-	-	-	77,761	78,124	78,488	(234,373)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	27,698	6,925	6,925	6,925	6,925	6,925	6,925	6,925	6,925	6,925	-	-	-	90,019
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	58,971	14,743	14,743	14,743	14,743	14,743	14,743	14,743	14,743	14,743	-	-	-	191,655
370: Outside Services	178,859	44,715	44,715	44,715	44,715	44,715	44,715	44,715	44,715	132,774	-	-	-	669,352
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	7,873	1,968	1,968	1,968	1,968	1,968	1,968	1,968	1,968	1,968	-	-	-	25,588
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,097	521	521	521	521	521	521	521	521	521	-	-	-	6,790
914: Pension and Benefits	5,961	1,595	1,595	1,595	1,595	1,595	1,595	1,595	1,595	1,595	-	-	-	20,313
915: Injuries and Damages	2,371	689	689	689	689	689	689	689	689	689	-	-	-	8,572
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,314	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076	-	-	-	13,994
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	11,353	3,558	3,558	3,558	3,558	3,558	3,558	3,558	3,558	7,961	-	-	-	47,776
926: A&G Loads	10,827	2,454	2,454	2,454	2,454	2,454	2,454	2,454	2,454	5,615	-	-	-	36,072
928: AFUDC Debt	854	81	242	405	568	732	897	1,063	1,229	1,495	1,682	1,690	1,698	12,637
929: AFUDC Equity	2,049	103	309	517	725	934	1,145	1,356	1,568	1,908	2,145	2,156	2,166	17,081
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(303,916)	-	-	-	-	-	-	-	-	-	-	-	(802,629)	(1,106,545)
825: Closing Cost of Removal	(9,310)	-	-	-	-	-	-	-	-	-	-	-	(23,994)	(33,304)
Project Net	(0)	78,426	78,794	79,164	79,536	79,909	80,284	80,662	81,040	177,269	3,827	3,846	(822,759)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	90,019	-	-	-	-	-	-	-	-	-	-	-	-	90,019
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	191,655	-	-	-	-	-	-	-	-	-	-	-	-	191,655
370: Outside Services	669,352	-	-	-	-	-	-	-	-	-	-	-	-	669,352
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	25,588	-	-	-	-	-	-	-	-	-	-	-	-	25,588
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,790	-	-	-	-	-	-	-	-	-	-	-	-	6,790
914: Pension and Benefits	20,313	-	-	-	-	-	-	-	-	-	-	-	-	20,313
915: Injuries and Damages	8,572	-	-	-	-	-	-	-	-	-	-	-	-	8,572
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	13,994	-	-	-	-	-	-	-	-	-	-	-	-	13,994
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	47,776	-	-	-	-	-	-	-	-	-	-	-	-	47,776
926: A&G Loads	36,072	-	-	-	-	-	-	-	-	-	-	-	-	36,072
928: AFUDC Debt	12,637	-	-	-	-	-	-	-	-	-	-	-	-	12,637
929: AFUDC Equity	17,081	-	-	-	-	-	-	-	-	-	-	-	-	17,081
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,106,545)	-	-	-	-	-	-	-	-	-	-	-	-	(1,106,545)
825: Closing Cost of Removal	(33,304)	-	-	-	-	-	-	-	-	-	-	-	-	(33,304)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64807716 115 kV Breaker Repl Fault Current

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Bernalillo 100%

Estimated Start Date 10/1/2016

Estimated Completion Date 9/1/2022

Description
Circuit breakers are designed to protect electrical power stations and distribution systems by interrupting electric currents in the event of a fault. The purpose of this project is to replace 115kV circuit breakers in the metropolitan area at West Mesa. Specifically, this project aims to replace oil-filled breakers with industry-accepted (Sulfur Hexafluoride) SF-6 gas breakers.

Project Need Justification
Many of the breakers at West Mesa are older oil-filled designs that date back as early as the late-1950s, therefore exceeding their useful life. These breakers are also exposed to faults rated within 94%, or greater than the breaker rating. Exposing underrated breakers to fault currents that exceed their capacity can result in catastrophic failure of the units. This failure can not only damage other equipment in the station yard, but also pose a significant safety threat to PNM personnel.

Project Alternatives
There are two alternatives to this project. The first is the do-nothing approach. This approach was not considered, as it does not address system reliability and personnel safety risks. The second approach is to replace the breakers with those of the current design. This alternative was not considered because existing breakers are exposed to fault currents that exceed their ratings. This approach would not only fail to address system reliability and worker safety, but also would require frequent servicing due to not meeting fault-current ratings.

Project Estimate Approach
The cost estimate for this project was developed by evaluating recent construction costs of similar projects. The labor for these projects was primarily supplied by PNM.

Customer Benefit
Replacing oil-filled breakers with modern SF-6 ones will have a positive impact on system reliability. Specifically, these enhancements will limit bus outages, breaker failures, and circuit breaks. Positive impacts to system reliability will benefit customers directly.

Primary Value Driver Reliability

Safety Existing oil-filled circuit breakers are not rated for fault-currents that they experience. These faults can lead to catastrophic failure of breakers, thereby creating significant safety risks to PNM personnel and equipment. These enhancements will mitigate these safety risks because modern breakers are able to interrupt circuits efficiently and safely.

Reliability SF-6 circuit breakers can withstand faults experienced in the West Mesa area. With the ability to efficiently and safely interrupt circuit faults, these enhancements will have a positive impact on reliability. Specifically, these enhancements will improve reliability by limiting the frequency and duration of outages inside switchyards.

System Performance

Security

Compliance

Environmental

Project No:	64807716 115 kV Breaker Repl Fault Current							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	378,757	-	-	-	-	-	-	378,757
120: Overtime-General	96,781	-	-	-	-	-	-	96,781
350: Material Issues-Major	896,326	-	-	-	-	-	-	896,326
370: Outside Services	839,406	-	-	-	-	-	-	839,406
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	163,763	-	-	-	-	-	-	163,763
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	37,337	-	-	-	-	-	-	37,337
914: Pension and Benefits	121,260	-	-	-	-	-	-	121,260
915: Injuries and Damages	32,814	-	-	-	-	-	-	32,814
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,042	-	-	-	-	-	-	3,042
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	145,559	-	-	-	-	-	-	145,559
926: A&G Loads	148,028	-	-	-	-	-	-	148,028
928: AFUDC Debt	44,709	0	0	0	-	-	-	44,709
929: AFUDC Equity	61,909	0	0	0	-	-	-	61,909
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,774,195)	-	-	(5)	-	-	-	(2,774,200)
825: Closing Cost of Removal	-	-	-	-	(195,491)	-	-	(195,491)
Project Net	195,496	0	0	(5)	(195,491)	-	-	(0)

Project No:	64807716 115 kV Breaker Repl Fault Current													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	378,757	-	-	-	-	-	-	-	-	-	-	-	-	378,757
120: Overtime-General	96,781	-	-	-	-	-	-	-	-	-	-	-	-	96,781
350: Material Issues-Major	896,326	-	-	-	-	-	-	-	-	-	-	-	-	896,326
370: Outside Services	839,406	-	-	-	-	-	-	-	-	-	-	-	-	839,406
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	163,763	-	-	-	-	-	-	-	-	-	-	-	-	163,763
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	37,337	-	-	-	-	-	-	-	-	-	-	-	-	37,337
914: Pension and Benefits	121,260	-	-	-	-	-	-	-	-	-	-	-	-	121,260
915: Injuries and Damages	32,814	-	-	-	-	-	-	-	-	-	-	-	-	32,814
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,042	-	-	-	-	-	-	-	-	-	-	-	-	3,042
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	145,559	-	-	-	-	-	-	-	-	-	-	-	-	145,559
926: A&G Loads	148,028	-	-	-	-	-	-	-	-	-	-	-	-	148,028
928: AFUDC Debt	44,709	-	-	-	-	-	-	-	-	-	-	-	-	44,709
929: AFUDC Equity	61,909	-	-	-	-	-	-	-	-	-	-	-	-	61,909
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,774,200)	-	-	-	-	-	-	-	-	-	-	-	-	(2,774,200)
825: Closing Cost of Removal	(195,491)	-	-	-	-	-	-	-	-	-	-	-	-	(195,491)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	64807716 115 kV Breaker Repl Fault Current													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	378,757	-	-	-	-	-	-	-	-	-	-	-	-	378,757
120: Overtime-General	96,781	-	-	-	-	-	-	-	-	-	-	-	-	96,781
350: Material Issues-Major	896,326	-	-	-	-	-	-	-	-	-	-	-	-	896,326
370: Outside Services	839,406	-	-	-	-	-	-	-	-	-	-	-	-	839,406
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	163,763	-	-	-	-	-	-	-	-	-	-	-	-	163,763
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	37,337	-	-	-	-	-	-	-	-	-	-	-	-	37,337
914: Pension and Benefits	121,260	-	-	-	-	-	-	-	-	-	-	-	-	121,260
915: Injuries and Damages	32,814	-	-	-	-	-	-	-	-	-	-	-	-	32,814
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,042	-	-	-	-	-	-	-	-	-	-	-	-	3,042
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	145,559	-	-	-	-	-	-	-	-	-	-	-	-	145,559
926: A&G Loads	148,028	-	-	-	-	-	-	-	-	-	-	-	-	148,028
928: AFUDC Debt	44,709	-	-	-	-	-	-	-	-	-	-	-	-	44,709
929: AFUDC Equity	61,909	-	-	-	-	-	-	-	-	-	-	-	-	61,909
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,774,200)	-	-	-	-	-	-	-	-	-	-	-	-	(2,774,200)
825: Closing Cost of Removal	(195,491)	-	-	-	-	-	-	-	-	-	-	-	-	(195,491)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64807820 ICLSS Relay Replacement Program

Company: 002 Transmission Services
 Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 1/31/2025

Description
 Underfrequency load shedding schemes are widely used to restore system stability after major interruptions and disturbances. The Import Contingency Load Shedding Scheme (ICLSS) is a centralized scheme developed by PNM for low probability outage events, as well as any unplanned disturbances affected voltage in the Northern New Mexico transmission system. The purpose of this project is to replace ICLSS unsupported relays and associated equipment.

Project Need Justification
 ICLSS relays and associated equipment are no longer supported by manufacturers and cannot be repaired. Should a major disruption occur, the inability to shift and shed load to other elements could lead to widespread blackouts. It is vital to replace equipment no longer supported by manufactures to maintain system reliability.

Project Alternatives
 The only alternative to this project is the do-nothing approach. This approach was not considered, as failure replace relays can lead to systematic failure of the transmission system. The resulting cascading event can lead to widespread blackouts, resulting in additional costs to PNM and its customers.

Project Estimate Approach
 The cost estimate of this project was developed by evaluating similar previous projects, such as the Person Station ICLSS relay upgrade in 2019. PNM plans to replace relays at 4 stations per year for 4 years.

Customer Benefit
 By addressing outdated relays, PNM can ensure that the ICLSS is fully functional, thereby maximizing system reliability. These enhancements will benefit customers by preventing cascading events and resulting blackouts in the event of a system disruption.

Primary Value Driver Reliability

Safety

Reliability Replacing unsupported relays will ensure that the ICLSS is fully functional. Specifically, by maintaining the ability to shed load in the event of a disruption, PNM can ensure that system reliability is maximized.

System Performance Relays will monitor the voltage on the system to ensure customers are receiving proper voltage levels to their equipment, businesses and households. Up-to-date components ensure that the ICLSS performance and overall system performance is maximized.

Security

Compliance

Environmental

Project No:	64807820 ICLSS Relay Replacement Program							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	192,413	1,000	6,000	6,000	1,000	1,000	1,000	208,413
120: Overtime-General	12,046	-	-	-	-	-	-	12,046
350: Material Issues-Major	108,846	3,000	3,000	3,000	2,000	2,000	3,000	124,846
370: Outside Services	250	9,000	10,541	10,541	5,000	1,000	1,000	37,332
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	19,988	-	-	-	-	-	-	19,988
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,442	76	454	454	76	76	76	16,653
914: Pension and Benefits	46,958	215	1,291	1,291	215	215	215	50,401
915: Injuries and Damages	17,113	86	514	514	86	86	86	18,483
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	311	219	219	219	146	146	219	1,482
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	29,769	535	872	872	335	175	215	32,773
926: A&G Loads	16,234	515	774	774	317	158	198	18,970
928: AFUDC Debt	1,378	65	91	124	147	157	166	2,127
929: AFUDC Equity	3,767	155	219	297	353	378	397	5,566
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(409,113)	-	-	-	-	-	(120,957)	(530,071)
825: Closing Cost of Removal	(14,531)	-	-	-	-	-	(4,477)	(19,008)
Project Net	40,870	14,865	23,975	24,087	9,675	5,391	(118,863)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	208,413	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	220,413
120: Overtime-General	12,046	-	-	-	-	-	-	-	-	-	-	-	-	12,046
350: Material Issues-Major	124,846	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	-	-	154,846
370: Outside Services	37,332	16,542	16,542	16,542	16,542	16,542	16,542	16,542	16,542	16,542	16,542	-	-	202,749
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	19,988	-	-	-	-	-	-	-	-	-	-	-	-	19,988
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	16,653	75	75	75	75	75	75	75	75	75	75	75	75	17,557
914: Pension and Benefits	50,401	230	230	230	230	230	230	230	230	230	230	230	230	53,165
915: Injuries and Damages	18,483	100	100	100	100	100	100	100	100	100	100	100	100	19,677
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,482	219	219	219	219	219	219	219	219	219	219	-	-	3,670
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	32,773	1,047	1,047	1,047	1,047	1,047	1,047	1,047	1,047	1,047	1,047	70	70	43,387
926: A&G Loads	18,970	737	737	737	737	737	737	737	737	737	737	36	36	26,416
928: AFUDC Debt	2,127	24	71	119	167	215	263	312	361	410	459	486	492	5,505
929: AFUDC Equity	5,566	30	91	152	213	274	336	398	460	523	586	621	628	9,875
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(530,071)	-	-	-	-	-	-	-	-	-	-	-	(233,238)	(763,308)
825: Closing Cost of Removal	(19,008)	-	-	-	-	-	-	-	-	-	-	-	(6,976)	(25,984)
Project Net	-	23,004	23,112	23,221	23,330	23,439	23,549	23,660	23,771	23,883	23,995	2,618	(237,583)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	220,413	-	-	-	-	-	-	-	-	-	-	-	-	220,413
120: Overtime-General	12,046	-	-	-	-	-	-	-	-	-	-	-	-	12,046
350: Material Issues-Major	154,846	-	-	-	-	-	-	-	-	-	-	-	-	154,846
370: Outside Services	202,749	-	-	-	-	-	-	-	-	-	-	-	-	202,749
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	19,988	-	-	-	-	-	-	-	-	-	-	-	-	19,988
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,557	-	-	-	-	-	-	-	-	-	-	-	-	17,557
914: Pension and Benefits	53,165	-	-	-	-	-	-	-	-	-	-	-	-	53,165
915: Injuries and Damages	19,677	-	-	-	-	-	-	-	-	-	-	-	-	19,677
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,670	-	-	-	-	-	-	-	-	-	-	-	-	3,670
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	43,387	-	-	-	-	-	-	-	-	-	-	-	-	43,387
926: A&G Loads	26,416	-	-	-	-	-	-	-	-	-	-	-	-	26,416
928: AFUDC Debt	5,505	-	-	-	-	-	-	-	-	-	-	-	-	5,505
929: AFUDC Equity	9,875	-	-	-	-	-	-	-	-	-	-	-	-	9,875
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(763,308)	-	-	-	-	-	-	-	-	-	-	-	-	(763,308)
825: Closing Cost of Removal	(25,984)	-	-	-	-	-	-	-	-	-	-	-	-	(25,984)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64807920 Prosperity Transmission Substation

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2025

Description

Prosperity Substation is a new 115-12.47 kV distribution substation located in Bernalillo County, New Mexico, East of I-25 and south of Los Picaros Road in Albuquerque, New Mexico. The project will be constructed on PNM-owned property and will include the construction of a double circuit 115 kV transmission line from the existing Person to Sandia (PS) transmission line into the Prosperity Substation, the installation of one (1) 115-12.47kV, 33.6 MVA substation transformer, the installation of a 12.47kV four-feeder distributing substation switchgear with tie breaker, the construction of four (4) 12.47kV distribution feeders and the installation of four (4) 115 kV breakers in a breaker and a half configuration. Site construction includes site grading and drainage, along with retaining walls.

Project Need Justification

This project is needed to ensure that PNM can maintain electrical service to customers during planned or unplanned outage of Studio Substation. Presently, for an outage of Studio Substation, the Studio Substation loads are transferred to Sewer Plant Substation via Sewer Plant Feeder 14. Sewer Plant Feeder 14 is the only feeder-tie available to provide back-up to the Studio Substation loads during a Studio Substation outage. After the addition of new known loads on Studio Substation, planning studies show that the transfer of Studio Substation loads to Sewer Plant Feeder 14 during a Studio Substation outage would result in conductor loading above PNM's Operation Planning Criteria rating of 550 amps. Because of the conductor overloads, a portion of the Studio Substation load will remain unserved until the outage is resolved. A new substation is required to ensure PNM can maintain electrical service to customers during a Studio Substation outage and to facilitate planned load growth in the area. This project is in line with PNM's strategy to design a distribution system that meets or exceeds standard utility practices and to maintain adequate and reliable service to new and existing PNM loads by limiting customer exposure to outages.

Project Alternatives

PNM considered four options. Three alternatives were short-term solutions that would require re-evaluating the existing and future load demand for the area as well as additional facilities in the future. Additionally, the do-nothing approach was not considered. This approach was not considered because there is insufficient capacity in the area to facilitate backing-up the Studio Substation loads during a Studio Substation outage. Moreover, this project will provide additional substation feeder capacity to serve existing load and to support future load growth.

The first alternative explored was building a feeder-tie from Louden Hills feeder 12 to Studio feeder 11; however, the existing Louden Hill substation transformer has insufficient capacity to serve additional load. This option does not facilitate serving future growth in the area and does not limit customer exposure to single contingency events and therefore this option does not maintain safe and reliable service to new and existing customers.

The second alternative was to upgrade the Louden Hills Substation transformer and switchgear. The upgrade would also include connecting Louden Hills substation to the AT 115 kV transmission line through a double circuit line into the substation. Two new feeders would be built to serve the area loads and to provide back-up in the event of a Studio Substation outage; however, the Louden Hills Substation site is not large enough to accommodate the equipment needed and expansion of the site is not possible because there is no available property adjacent to the Louden Hills Substation site.

The third alternative was to install a second transformer and related switchgear at Studio Substation. The project would also include looping the existing 115 kV radial transmission line to the substation. However, the Studio Substation does not have sufficient space to accommodate a second transformer, switchgear and breakers.

Project Estimate Approach

The project estimate was developed by evaluating historical data from similar projects that were built by PNM. Specifically, the project estimate was developed under the assumption that a combination of internal and external labor would be used for both engineering and construction. The estimate is also inclusive of transmission and distribution assets.

Customer Benefit

This project will increase the available area feeder and substation transformer capacity in PNM's Albuquerque southeast service territory, which will ensure that PNM can maintain adequate and reliable service to customers in the event of a Studio Substation outage. This project is in line with PNM's strategy to design a distribution system that meets or exceeds standard utility practices and to maintain adequate and reliable service to new and existing PNM loads by limiting customer exposure to outages.

Primary Value Driver

Compliance

Safety

Reliability

This project will increase the available area feeder and substation transformer capacity in PNM's Albuquerque southeast service territory, which will ensure that PNM can maintain adequate and reliable service to customers in the event of a Studio Substation outage. This project is in line with PNM's strategy to design a distribution system that meets or exceeds standard utility practices and to maintain adequate and reliable service to new and existing PNM loads by limiting customer exposure to outages.

System Performance

Security

Compliance

Environmental

Project No:	64807920 Prosperity Transmission Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	71,216	-	-	-	-	-	-	71,216
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	450,869	-	-	-	-	-	-	450,869
370: Outside Services	260,656	-	-	-	-	-	-	260,656
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3,582	-	-	-	-	-	-	3,582
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,361	-	-	-	-	-	-	5,361
914: Pension and Benefits	15,329	-	-	-	-	-	-	15,329
915: Injuries and Damages	5,724	-	-	-	-	-	-	5,724
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	4,322	-	-	-	-	-	-	4,322
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	4,577	-	-	-	-	-	-	4,577
926: A&G Loads	38,183	-	-	-	-	-	-	38,183
928: AFUDC Debt	1,965	1,224	1,230	1,236	1,242	1,248	1,254	9,400
929: AFUDC Equity	5,367	2,939	2,953	2,967	2,981	2,996	3,010	23,212
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	867,151	4,163	4,183	4,203	4,223	4,244	4,264	892,432

Project No:	64807920 Prosperity Transmission Substation													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	71,216	-	-	-	-	-	-	-	-	-	-	-	-	71,216
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	450,869	-	-	-	-	-	-	-	-	-	-	-	-	450,869
370: Outside Services	260,656	-	-	-	-	-	-	-	-	-	-	-	-	260,656
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,582	-	-	-	-	-	-	-	-	-	-	-	-	3,582
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,361	-	-	-	-	-	-	-	-	-	-	-	-	5,361
914: Pension and Benefits	15,329	-	-	-	-	-	-	-	-	-	-	-	-	15,329
915: Injuries and Damages	5,724	-	-	-	-	-	-	-	-	-	-	-	-	5,724
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,322	-	-	-	-	-	-	-	-	-	-	-	-	4,322
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	4,577	-	-	-	-	-	-	-	-	-	-	-	-	4,577
926: A&G Loads	38,183	-	-	-	-	-	-	-	-	-	-	-	-	38,183
928: AFUDC Debt	9,400	1,897	1,906	1,916	1,925	1,934	1,944	1,953	1,963	1,972	1,982	1,991	2,001	32,783
929: AFUDC Equity	23,212	2,420	2,432	2,444	2,456	2,467	2,479	2,491	2,503	2,516	2,528	2,540	2,552	53,041
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(945,644)	(945,644)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	892,432	4,318	4,338	4,359	4,381	4,402	4,423	4,444	4,466	4,488	4,509	4,531	(941,091)	-

Project No:	64807920 Prosperity Transmission Substation													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	71,216	122,529	122,529	122,529	122,529	122,529	122,529	122,529	122,529	122,529	122,529	122,529	122,529	1,541,561
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	450,869	-	-	-	-	-	-	-	-	-	-	-	-	450,869
370: Outside Services	260,656	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	3,260,656
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,582	-	-	-	-	-	-	-	-	-	-	-	-	3,582
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,361	9,226	9,226	9,226	9,226	9,226	9,226	9,226	9,226	9,226	9,226	9,226	9,226	116,078
914: Pension and Benefits	15,329	28,218	28,218	28,218	28,218	28,218	28,218	28,218	28,218	28,218	28,218	28,218	28,218	353,950
915: Injuries and Damages	5,724	12,192	12,192	12,192	12,192	12,192	12,192	12,192	12,192	12,192	12,192	12,192	12,192	152,023
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,322	-	-	-	-	-	-	-	-	-	-	-	-	4,322
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	4,577	21,108	21,108	21,108	21,108	21,108	21,108	21,108	21,108	21,108	21,108	21,108	21,108	257,876
926: A&G Loads	38,183	16,205	16,205	16,205	16,205	16,205	16,205	16,205	16,205	16,205	16,205	16,205	16,205	232,643
928: AFUDC Debt	32,783	400	1,203	2,010	2,821	3,636	4,454	5,277	6,104	6,935	7,770	8,609	9,452	91,456
929: AFUDC Equity	53,041	694	2,086	3,485	4,890	6,302	7,722	9,148	10,581	12,021	13,469	14,923	16,385	154,747
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(945,644)	-	-	-	-	-	-	-	-	-	-	-	-	(945,644)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	460,573	462,768	464,973	467,189	469,416	471,655	473,904	476,164	478,435	480,717	483,011	485,316	5,674,120

Project No: 64808019 Person Transformer Replacement

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Bernalillo 100%

Estimated Start Date 7/1/2019

Estimated Completion Date 9/1/2022

Description
The 115kV/46kV transformer at Person Station has failed. The purpose of this project is to remove the old transformer and reconfigure the station for a new one. Additionally, the replacement transformer will be placed in a new position which will allow for proper maintenance within the station.

Project Need Justification
On November 21, 2018, the Person 115kV/46kV transformer failed. This transformer had reached the end of its useful life, and thus has reached a state where full replacement is recommended by PNM to mitigate any risks of future failure.

Project Alternatives
There are no alternatives to this project. No alternatives were considered because this transformer is at the end of its useful life. Because of its age, continued maintenance of this transformer does not guarantee extended life and is not as cost-effective as a full replacement. Should PNM continue to maintain this transformer, there will be significant reliability concerns.

Project Estimate Approach
To develop an estimate, PNM contacted contractors to determine the cost and scheduling estimates for the removal and scrapping of the transformer and associated equipment.

Customer Benefit
By replacing this transformer, PNM can mitigate risks associated with future failure of this unit, therefore increasing reliability. This increase in reliability will benefit customers.

Primary Value Driver Reliability

Safety

Reliability The current unit has reached the end of its useful life. Replacing this transformer will mitigate any risk of future failure, and thus increases system reliability.

System Performance

Security

Compliance

Environmental

Project No:	64808019 Person Transformer Replacement							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	649,819	-	-	-	-	-	-	649,819
120: Overtime-General	157,284	-	-	-	-	-	-	157,284
350: Material Issues-Major	1,833,105	-	-	-	-	-	-	1,833,105
370: Outside Services	2,066,570	-	-	-	-	-	-	2,066,570
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,263	-	-	-	-	-	-	1,263
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	181,762	-	-	-	-	-	-	181,762
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	60,687	-	-	-	-	-	-	60,687
914: Pension and Benefits	182,975	-	-	-	-	-	-	182,975
915: Injuries and Damages	64,315	-	-	-	-	-	-	64,315
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	9,223	-	-	-	-	-	-	9,223
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	167,040	-	-	-	-	-	-	167,040
926: A&G Loads	176,321	-	-	-	-	-	-	176,321
928: AFUDC Debt	92,310	-	-	-	-	-	-	92,310
929: AFUDC Equity	267,472	-	-	-	-	-	-	267,472
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,872,026)	-	-	(5,013)	-	-	-	(5,877,039)
825: Closing Cost of Removal	-	-	-	-	(33,106)	-	-	(33,106)
Project Net	38,119	-	-	(5,013)	(33,106)	-	-	(0)

Project No:	64808019 Person Transformer Replacement													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	649,819	-	-	-	-	-	-	-	-	-	-	-	-	649,819
120: Overtime-General	157,284	-	-	-	-	-	-	-	-	-	-	-	-	157,284
350: Material Issues-Major	1,833,105	-	-	-	-	-	-	-	-	-	-	-	-	1,833,105
370: Outside Services	2,066,570	-	-	-	-	-	-	-	-	-	-	-	-	2,066,570
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,263	-	-	-	-	-	-	-	-	-	-	-	-	1,263
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	181,762	-	-	-	-	-	-	-	-	-	-	-	-	181,762
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	60,687	-	-	-	-	-	-	-	-	-	-	-	-	60,687
914: Pension and Benefits	182,975	-	-	-	-	-	-	-	-	-	-	-	-	182,975
915: Injuries and Damages	64,315	-	-	-	-	-	-	-	-	-	-	-	-	64,315
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,223	-	-	-	-	-	-	-	-	-	-	-	-	9,223
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	167,040	-	-	-	-	-	-	-	-	-	-	-	-	167,040
926: A&G Loads	176,321	-	-	-	-	-	-	-	-	-	-	-	-	176,321
928: AFUDC Debt	92,310	-	-	-	-	-	-	-	-	-	-	-	-	92,310
929: AFUDC Equity	267,472	-	-	-	-	-	-	-	-	-	-	-	-	267,472
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,877,039)	-	-	-	-	-	-	-	-	-	-	-	-	(5,877,039)
825: Closing Cost of Removal	(33,106)	-	-	-	-	-	-	-	-	-	-	-	-	(33,106)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	64808019 Person Transformer Replacement													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	649,819	-	-	-	-	-	-	-	-	-	-	-	-	649,819
120: Overtime-General	157,284	-	-	-	-	-	-	-	-	-	-	-	-	157,284
350: Material Issues-Major	1,833,105	-	-	-	-	-	-	-	-	-	-	-	-	1,833,105
370: Outside Services	2,066,570	-	-	-	-	-	-	-	-	-	-	-	-	2,066,570
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,263	-	-	-	-	-	-	-	-	-	-	-	-	1,263
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	181,762	-	-	-	-	-	-	-	-	-	-	-	-	181,762
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	60,687	-	-	-	-	-	-	-	-	-	-	-	-	60,687
914: Pension and Benefits	182,975	-	-	-	-	-	-	-	-	-	-	-	-	182,975
915: Injuries and Damages	64,315	-	-	-	-	-	-	-	-	-	-	-	-	64,315
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,223	-	-	-	-	-	-	-	-	-	-	-	-	9,223
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	167,040	-	-	-	-	-	-	-	-	-	-	-	-	167,040
926: A&G Loads	176,321	-	-	-	-	-	-	-	-	-	-	-	-	176,321
928: AFUDC Debt	92,310	-	-	-	-	-	-	-	-	-	-	-	-	92,310
929: AFUDC Equity	267,472	-	-	-	-	-	-	-	-	-	-	-	-	267,472
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,877,039)	-	-	-	-	-	-	-	-	-	-	-	-	(5,877,039)
825: Closing Cost of Removal	(33,106)	-	-	-	-	-	-	-	-	-	-	-	-	(33,106)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64808023 **Menaul Substation**
Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information County % Bernalillo 100%

Estimated Start Date 4/8/2022
Estimated Completion Date 12/31/2024

Description

Menaul substation has equipment that is decades old causing it to have a growing probability of equipment failure. This project would replace aging equipment in the substation that was identified as high risk for future failures and therefore outages for the local area. A portion of the 115kV transmission conductor and steel H-frame dead-end would be replaced with a PNM standard design. This design would include a new disconnect switch and surge arresters both mounted on the H-frame structure.

Project Need Justification

PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives

One alternative is to keep the existing assets in place and allow them to operate until failure. This would immediately impact the local neighborhood with power outages and an emergency replacement would have to be deployed which would entail higher costs and longer outages.

Project Estimate Approach

The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit

The project would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. The installation of 115kV surge arresters at the outgoing line position would help protect expensive major assets from major surges on the incoming transmission line (E.g. lightning strikes) therefore mitigating duration of outages and limiting exposure of expensive equipment to hazardous fault current, both of which are beneficial to the customer.

Primary Value Driver Reliability
Safety

Reliability Installing 115kV surge arresters and a visual open point disconnect switch would allow for higher reliability numbers by limiting the power transformer and switchgear to hazardous fault currents and simplifying maintenance clearance point switching procedures, respectively.

System Performance

Security

Compliance

Environmental

Project No:	64808023 Menaul Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	1,173	1,173	1,173	1,173	1,173	6,993	6,993	6,993	6,993	6,993	6,993	6,993	54,818
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	14,551	14,551	14,551	14,551	14,551	14,551	14,551	101,854
370: Outside Services	-	10,558	10,558	10,558	10,558	10,558	10,558	10,558	10,558	10,558	10,558	10,558	10,558	126,691
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	8,730	8,730	8,730	8,730	8,730	8,730	8,730	61,112
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	88	88	88	88	88	527	527	527	527	527	527	527	4,128
914: Pension and Benefits	-	270	270	270	270	270	1,611	1,611	1,611	1,611	1,611	1,611	1,611	12,625
915: Injuries and Damages	-	117	117	117	117	117	696	696	696	696	696	696	696	5,454
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	1,062	1,062	1,062	1,062	1,062	1,062	1,062	7,431
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	610	610	610	610	610	2,183	2,183	2,183	2,183	2,183	2,183	2,183	18,334
926: A&G Loads	-	421	421	421	421	421	1,466	1,466	1,466	1,466	1,466	1,466	1,466	12,367
928: AFUDC Debt	-	14	41	69	96	124	188	289	390	492	594	696	799	3,791
929: AFUDC Equity	-	17	52	87	123	158	240	368	497	627	757	888	1,020	4,835
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	13,268	13,331	13,393	13,456	13,519	48,803	49,032	49,262	49,494	49,726	49,960	50,194	413,440

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	54,818	17,100	8,351	8,351	8,351	8,351	8,351	8,351	1,173	1,173	1,173	1,173	1,173	126,719
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	101,854	-	-	-	-	-	-	-	-	-	-	-	-	101,854
370: Outside Services	126,691	110,156	75,163	75,163	75,163	75,163	75,163	75,163	10,558	10,558	10,558	10,558	146,858	876,915
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	61,112	-	-	-	-	-	-	-	-	-	-	-	-	61,112
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,128	1,288	629	629	629	629	629	629	88	88	88	88	-	9,542
914: Pension and Benefits	12,625	3,938	1,923	1,923	1,923	1,923	1,923	1,923	270	270	270	270	-	29,183
915: Injuries and Damages	5,454	1,701	831	831	831	831	831	831	117	117	117	117	-	12,609
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,431	-	-	-	-	-	-	-	-	-	-	-	-	7,431
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	18,334	6,709	4,345	4,345	4,345	4,345	4,345	4,345	610	610	610	610	7,343	60,897
926: A&G Loads	12,367	5,536	3,633	3,633	3,633	3,633	3,633	3,633	510	510	510	510	6,388	48,129
928: AFUDC Debt	3,791	849	1,063	1,234	1,405	1,578	1,751	1,925	168	36	35	12	140	13,985
929: AFUDC Equity	4,835	1,471	1,843	2,139	2,436	2,735	3,035	3,336	292	62	61	20	243	22,508
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(1,035,061)	(87,280)	(13,160)	(26,238)	(12,959)	(156,154)	(1,330,851)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(31,002)	(2,613)	(399)	(800)	(400)	(4,818)	(40,032)
Project Net	413,440	148,747	97,782	98,248	98,717	99,188	99,661	(965,926)	(76,107)	(135)	(13,615)	(0)	(0)	(0)

Project No: 64808321 BA 115kV Breaker Replacement

Company: 002 Transmission Services
 Location: 648 Transmission General 2

Project Information

County % Sandoval 100%

Estimated Start Date 6/1/2021

Estimated Completion Date 8/1/2022

Description
 In 2021, a 115kV oil circuit breaker at the BA station failed and was taken out of service. However at the time it was not replaced. This purpose of the project is to replace this circuit breaker.

Project Need Justification
 The failure of the circuit breaker in 2021 has caused reliability issues at the substation. Therefore the breaker must be replaced to return the substation to its designed operational standard to avoid ongoing reliability problems in the system.

Project Alternatives
 Doing nothing is not an option as that has resulted in reduced reliability. The only other alternative is to repair the breaker. This is not a viable option as this is an older, legacy oil circuit breaker that is already near the end of its useful life. Not replacing the circuit breaker would effectively result in a reconfiguration of the substation to a lesser resilient operational mode (i.e., current state)

Project Estimate Approach
 The project estimate was derived using recent breaker replacement jobs taking into account any known differences for the work. Breaker replacements typically include breaker decommissioning, site preparation, engineering design, construction, commissioning, and completion of as-built drawings.

Customer Benefit
 This project drives operational continuity and reliability of this transmission substation. Customers in this area directly benefit from this project.

Primary Value Driver Reliability

Safety

Reliability This breaker replacement will return the BA substation to its deigned operational standard, which will improve system reliability.

System Performance

Security

Compliance

Environmental

Project No:	64808321 BA 115kV Breaker Replacement							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	44,127	-	-	-	-	-	-	44,127
120: Overtime-General	40,600	-	-	-	-	-	-	40,600
350: Material Issues-Major	42,154	-	-	-	-	-	-	42,154
370: Outside Services	76,673	-	-	-	-	-	-	76,673
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	12,495	-	-	-	-	-	-	12,495
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,346	-	-	-	-	-	-	6,346
914: Pension and Benefits	18,733	-	-	-	-	-	-	18,733
915: Injuries and Damages	6,414	-	-	-	-	-	-	6,414
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	373	-	-	-	-	-	-	373
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	11,424	-	-	-	-	-	-	11,424
926: A&G Loads	11,878	-	-	-	-	-	-	11,878
928: AFUDC Debt	2,230	333	334	-	-	-	-	2,897
929: AFUDC Equity	7,028	798	802	-	-	-	-	8,629
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(237,836)	-	-	-	-	(237,836)
825: Closing Cost of Removal	-	-	-	-	(44,907)	-	-	(44,907)
Project Net	280,476	1,131	(236,699)	-	(44,907)	-	-	-

Project No:	64808321 BA 115kV Breaker Replacement													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	44,127	-	-	-	-	-	-	-	-	-	-	-	-	44,127
120: Overtime-General	40,600	-	-	-	-	-	-	-	-	-	-	-	-	40,600
350: Material Issues-Major	42,154	-	-	-	-	-	-	-	-	-	-	-	-	42,154
370: Outside Services	76,673	-	-	-	-	-	-	-	-	-	-	-	-	76,673
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	12,495	-	-	-	-	-	-	-	-	-	-	-	-	12,495
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,346	-	-	-	-	-	-	-	-	-	-	-	-	6,346
914: Pension and Benefits	18,733	-	-	-	-	-	-	-	-	-	-	-	-	18,733
915: Injuries and Damages	6,414	-	-	-	-	-	-	-	-	-	-	-	-	6,414
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	373	-	-	-	-	-	-	-	-	-	-	-	-	373
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	11,424	-	-	-	-	-	-	-	-	-	-	-	-	11,424
926: A&G Loads	11,878	-	-	-	-	-	-	-	-	-	-	-	-	11,878
928: AFUDC Debt	2,897	-	-	-	-	-	-	-	-	-	-	-	-	2,897
929: AFUDC Equity	8,629	-	-	-	-	-	-	-	-	-	-	-	-	8,629
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(237,836)	-	-	-	-	-	-	-	-	-	-	-	-	(237,836)
825: Closing Cost of Removal	(44,907)	-	-	-	-	-	-	-	-	-	-	-	-	(44,907)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	64808321 BA 115kV Breaker Replacement													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	44,127	-	-	-	-	-	-	-	-	-	-	-	-	44,127
120: Overtime-General	40,600	-	-	-	-	-	-	-	-	-	-	-	-	40,600
350: Material Issues-Major	42,154	-	-	-	-	-	-	-	-	-	-	-	-	42,154
370: Outside Services	76,673	-	-	-	-	-	-	-	-	-	-	-	-	76,673
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	12,495	-	-	-	-	-	-	-	-	-	-	-	-	12,495
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,346	-	-	-	-	-	-	-	-	-	-	-	-	6,346
914: Pension and Benefits	18,733	-	-	-	-	-	-	-	-	-	-	-	-	18,733
915: Injuries and Damages	6,414	-	-	-	-	-	-	-	-	-	-	-	-	6,414
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	373	-	-	-	-	-	-	-	-	-	-	-	-	373
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	11,424	-	-	-	-	-	-	-	-	-	-	-	-	11,424
926: A&G Loads	11,878	-	-	-	-	-	-	-	-	-	-	-	-	11,878
928: AFUDC Debt	2,897	-	-	-	-	-	-	-	-	-	-	-	-	2,897
929: AFUDC Equity	8,629	-	-	-	-	-	-	-	-	-	-	-	-	8,629
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(237,836)	-	-	-	-	-	-	-	-	-	-	-	-	(237,836)
825: Closing Cost of Removal	(44,907)	-	-	-	-	-	-	-	-	-	-	-	-	(44,907)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 64808422 Embudo Substation
Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information County % Bernalillo 100%

Estimated Start Date 4/1/2022
Estimated Completion Date 12/31/2024

Description
 Embudo substation has equipment that is decades old, increasing the probability of equipment failure. This project would replace aging equipment in the substation that has been identified as high risk for future failures and therefore outages for the local area. The circuit breakers that are used to sectionalize power across multiple transmission lines, the voltage transformers that are used to monitor power quality and provide protection relays accurate readings for their settings, and the surge arresters that channel hazardous ground fault current to the station ground grid thereby protecting surrounding equipment are all included in the project scope.

Project Need Justification
 PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the greater Albuquerque area by replacing strategically located sectionalizing and monitoring devices at Embudo substation.

Project Alternatives
 One alternative is to keep the existing assets in place and allow them to operate until failure. This would immediately impact the local and remote customers with widespread power outages and an emergency replacement would have to be deployed which would entail higher costs and longer outages. Another option is to replace the major assets separately to mitigate outage durations. This would allow for the outages to be shortened, but costs would be higher due to multiple mobilizations, additional labor hours for transferring customer load, and engineering phased design and construction packages.

Project Estimate Approach
 The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit
 The purchase and installation of new circuit breakers and voltage transformers would mitigate the heightened risk of failure and extended outages in both local and remote neighborhoods. Based on Embudo's position and transmission ties to remote sites, a circuit breaker failure would affect multiple substations beyond Embudo causing widespread outages across Albuquerque. The project would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets.

Primary Value Driver Reliability
Safety

Reliability Replacing the aged circuit breakers and voltage transformers would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers and transformers would enhance the management of each transmission line terminating at Embudo.

System Performance The new switchgear and power transformer would outperform the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area. Additionally, it would provide the substation higher power capacity for any future neighborhood growth.

Security

Compliance

Environmental Replacing five (5) oil-filled circuit breakers and voltage transformers would remove approximately 9000 gallons of oil from the Embudo site.

Project No:	64808422 Embudo Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	3,939	3,440	22,500	2,000	41,920	3,488	77,286
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	380,000	-	100,000	-	480,000
370: Outside Services	-	35,447	30,958	22,500	18,000	17,278	31,388	155,570
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	60,000	-	60,000
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	298	260	1,703	151	3,173	264	5,851
914: Pension and Benefits	-	848	740	4,842	430	9,021	751	16,632
915: Injuries and Damages	-	337	294	1,926	171	3,588	299	6,616
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	27,797	-	7,315	-	35,112
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	1,635	1,428	17,339	830	9,399	1,448	32,078
926: A&G Loads	-	1,560	1,362	16,830	792	8,680	1,381	30,605
928: AFUDC Debt	-	30	87	453	810	1,007	1,217	3,604
929: AFUDC Equity	-	72	208	1,087	1,943	2,417	2,921	8,650
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	44,165	38,778	496,977	25,128	263,800	43,155	912,002

Project No:	64808422 Embudo Substation													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	77,286	23,585	3,817	3,914	4,110	2,175	2,875	22,079	14,079	14,079	22,079	14,079	14,079	218,237
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	480,000	50,000	-	-	-	-	-	-	-	-	-	-	-	530,000
370: Outside Services	155,570	32,264	34,352	35,229	36,987	19,576	25,876	158,714	126,714	126,714	158,714	126,714	126,714	1,164,136
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	60,000	30,000	-	-	-	-	-	-	-	-	-	-	-	90,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,851	1,776	287	295	309	164	217	1,663	1,060	1,060	1,663	1,060	1,060	16,464
914: Pension and Benefits	16,632	5,432	879	901	946	501	662	5,085	3,242	3,242	5,085	3,242	3,242	49,093
915: Injuries and Damages	6,616	2,347	380	389	409	216	286	2,197	1,401	1,401	2,197	1,401	1,401	20,640
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	35,112	3,648	-	-	-	-	-	-	-	-	-	-	-	38,760
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	32,078	7,270	1,986	2,036	2,138	1,132	1,496	9,487	7,325	7,325	9,487	7,325	7,325	96,409
926: A&G Loads	30,605	4,877	1,370	1,405	1,475	781	1,032	6,490	5,054	5,054	6,490	5,054	5,054	74,745
928: AFUDC Debt	3,604	2,048	2,268	2,369	2,474	2,559	2,630	2,889	3,278	3,622	4,015	4,411	4,760	40,928
929: AFUDC Equity	8,650	2,612	2,893	3,022	3,156	3,265	3,355	3,685	4,182	4,620	5,122	5,627	6,072	56,261
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	912,002	165,858	48,233	49,562	52,005	30,368	38,429	212,288	166,336	167,118	214,852	168,913	169,707	2,395,673

Project No:	64808422 Embudo Substation													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	218,237	14,079	13,352	2,285	2,431	1,187	-	-	-	-	-	-	-	251,572
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	530,000	-	-	-	-	-	-	-	-	-	-	-	-	530,000
370: Outside Services	1,164,136	126,714	120,167	20,564	21,882	10,682	253,563	-	-	-	-	-	-	1,717,708
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	90,000	-	-	-	-	-	-	-	-	-	-	-	-	90,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	16,464	1,060	1,005	172	183	89	-	-	-	-	-	-	-	18,974
914: Pension and Benefits	49,093	3,242	3,075	526	560	273	-	-	-	-	-	-	-	56,770
915: Injuries and Damages	20,640	1,401	1,329	227	242	118	-	-	-	-	-	-	-	23,957
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	38,760	-	-	-	-	-	-	-	-	-	-	-	-	38,760
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	96,409	7,325	6,946	1,189	1,265	617	12,678	-	-	-	-	-	-	126,430
926: A&G Loads	74,745	6,125	5,808	994	1,058	516	11,030	-	-	-	-	-	-	100,275
928: AFUDC Debt	40,928	4,321	400	281	73	62	272	188	95	-	-	-	-	46,618
929: AFUDC Equity	56,261	7,489	693	487	127	107	471	326	164	-	-	-	-	66,126
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	(2,344,615)	(153,633)	(142,130)	(26,666)	(24,252)	(181,912)	(52,436)	(52,913)	-	-	-	(1)	(2,978,557)
825: Closing Cost of Removal	-	(69,344)	(4,630)	(4,281)	(811)	(738)	(5,606)	(1,608)	(1,615)	-	-	-	(0)	(88,633)
Project Net	2,395,673	(2,242,203)	(5,487)	(119,686)	344	(11,338)	90,497	(53,531)	(54,270)	-	-	-	(1)	-

Project No: 64808622 Hawkins Substation
Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information County % Bernalillo 100%

Estimated Start Date 8/1/2022
Estimated Completion Date 12/31/2024

Description
 Hawkins substation has equipment that is decades old causing it to have a growing probability of equipment failure. The transmission scope for this project includes installing a 115kV motor-operated bus-tie switch between the two (2) 115kV busses for additional switching and operation flexibility on the transmission system.

Project Need Justification
 PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. By installing a high-side bus-tie switch, this project would help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
 One alternative is to remove the high-side bus-tie switch installation from the project scope. This would only allow PNM operators to perform switching procedures between units at Hawkins on the low-side through the switchgears. This would remove the capability of allowing each power transformer unit at Hawkins to be fed from either of the two (2) 115kV lines that tap off at Hawkins which is constraining especially with any future maintenance work needed on the transmission lines.

Project Estimate Approach
 The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit
 The installation of a high-side bus-tie switch would give PNM additional switching capabilities and operational flexibility on the transmission system. This would benefit customers by allowing PNM to proactively distribute customer load between the two (2) 115kV transmission lines and power transformers without temporarily overloading any major assets during switching procedures mitigating the risk of harming these expensive pieces of equipment.

Primary Value Driver Reliability
Safety

Reliability Installing the high-side bus-tie switch would mitigate the increased risk of operational failure and lengthy unforeseen outages. The new bus-tie switch would enhance the management of each feeder into the neighborhood.

System Performance

Security

Compliance

Environmental

Project No:

64808622 Hawkins Substation

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	463	463	941	1,163	1,363	1,363	1,363	9,648	9,648	9,648	9,648	10,148	55,856
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	19,961	19,961	19,961	19,961	19,961	99,807
370: Outside Services	-	4,167	4,167	8,466	10,467	12,267	12,267	12,267	14,967	14,967	14,967	14,967	19,467	143,401
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	11,977	11,977	11,977	11,977	11,977	59,884
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	35	35	71	88	103	103	103	726	726	726	726	764	4,206
914: Pension and Benefits	-	107	107	217	268	314	314	314	2,222	2,222	2,222	2,222	2,337	12,864
915: Injuries and Damages	-	46	46	94	116	136	136	136	960	960	960	960	1,010	5,558
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	1,456	1,456	1,456	1,456	1,456	7,282
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	241	241	489	605	709	709	709	3,023	3,023	3,023	3,023	3,283	19,079
926: A&G Loads	-	166	166	338	418	489	489	489	2,030	2,030	2,030	2,030	2,210	12,886
928: AFUDC Debt	-	5	16	33	57	87	119	151	237	376	516	657	804	3,059
929: AFUDC Equity	-	7	21	42	73	111	152	193	302	480	658	838	1,025	3,902
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	5,237	5,261	10,689	13,254	15,578	15,651	15,725	67,510	67,827	68,145	68,465	74,442	427,784

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	55,856	8,904	18,732	8,904	8,904	8,904	8,904	8,904	1,277	1,113	1,113	863	-	132,377
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	99,807	-	-	-	-	-	-	-	-	-	-	-	-	99,807
370: Outside Services	143,401	80,133	119,448	80,133	80,133	80,133	80,133	80,133	11,494	10,017	10,017	7,767	168,333	951,276
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	59,884	-	-	-	-	-	-	-	-	-	-	-	-	59,884
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,206	670	1,411	670	670	670	670	670	96	84	84	65	-	9,968
914: Pension and Benefits	12,864	2,051	4,314	2,051	2,051	2,051	2,051	2,051	294	256	256	199	-	30,486
915: Injuries and Damages	5,558	886	1,864	886	886	886	886	886	127	111	111	86	-	13,172
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,282	-	-	-	-	-	-	-	-	-	-	-	-	7,282
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	19,079	4,632	7,288	4,632	4,632	4,632	4,632	4,632	664	579	579	449	8,417	64,849
926: A&G Loads	12,886	3,873	6,011	3,873	3,873	3,873	3,873	3,873	556	484	484	375	7,322	51,358
928: AFUDC Debt	3,059	834	1,065	1,297	1,480	1,663	1,848	2,033	170	44	37	33	160	13,723
929: AFUDC Equity	3,902	1,446	1,846	2,248	2,565	2,883	3,203	3,525	295	76	64	57	278	22,388
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(1,098,388)	(84,128)	(15,970)	(13,414)	(23,069)	(178,989)	(1,413,957)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(32,971)	(2,524)	(483)	(408)	(704)	(5,522)	(42,614)
Project Net	427,784	103,429	161,980	104,695	105,194	105,696	106,200	(1,024,652)	(71,679)	(3,690)	(1,077)	(13,880)	(0)	0

Project No: 64808723 Aspen Substation
Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information County % Bernalillo 100%

Estimated Start Date 8/1/2022
Estimated Completion Date 2/28/2027

Description
 The Aspen substation, which serves the greater Albuquerque area, is currently tapped directly off the overhead 115kV transmission line, causing the station to be susceptible to transmission line outages. This increases the probability for more frequent and extended outages at the site. This project involves installing new transmission sectionalizing devices in the substation to lessen the potential for these outages. The major scope of work includes installing 115kV circuit breakers and line protection relaying devices to sectionalize the existing transmission line and remove the tapped position of the existing site. This would create two independent sources of power for the Aspen site and allow for instantaneous switching between the two power sources in the event of a transmission line fault (i.e., will ensure the distribution feeder circuits would remain uninterrupted). To accommodate this sectionalizing, the size of the substation will also be expanded to the North & East while staying within PNM's existing property boundaries. This expansion will also provide a more secure equipment laydown area within the perimeter walls.

Project Need Justification
 PNM routinely evaluates the equipment on its system to identify assets that need to be replaced, modernized, and upgraded as part of the PNM Infrastructure Investment Program (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. Adding sectionalizing devices along the transmission lines would greatly increase overall system reliability and resiliency in the greater Albuquerque area. Expanding the size of the substation will also make it more secure by removing public accessibility to an area often used by people without homes.

Project Alternatives
 One alternative would be to narrow the scope to simply replacing aging equipment (i.e., not sectionalizing the transmission line). Though this option would be less expensive and not require expanding the site, it would limit the reliability benefit for the overall project due to the existing site design's susceptibility to a full site outage during transmission line fault or remote sectionalizing equipment failure scenarios.

Project Estimate Approach
 The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project scope.

Customer Benefit
 The installation of sectionalizing circuit breakers at Aspen allows for the site to remain energized during a transmission line fault event or remote equipment failures (which is not currently the case). It would alleviate the frequency and durations of outages at Aspen substation by ensuring the distribution feeder circuits would remain uninterrupted.

Primary Value Driver Reliability
Safety

Reliability Installing transmission sectionalizing and relaying devices would mitigate the risk of lengthy unforeseen outages and shortened life expectancy for expensive equipment (i.e., power transformers and switchgears) due to continual exposure to hazardous faults currents.

System Performance Adding transmission owned protection relays and monitoring devices would allow for greater visibility and automation capabilities at Aspen. Specially, these installations would allow PNM to utilize remote operation of devices, receive real-time equipment monitoring information, and obtain higher accuracy fault location data.

Security Expanding the site perimeter wall will allow for more robust security for laying down materials and equipment during maintenance or construction work.

Compliance

Environmental

Project No:	64808723 Aspen Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	1,811	1,811	1,811	1,811	1,811	9,057
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	16,303	16,303	16,303	16,303	16,303	81,516
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	137	137	137	137	137	686
914: Pension and Benefits	-	-	390	390	390	390	390	1,949
915: Injuries and Damages	-	-	155	155	155	155	155	775
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	752	752	752	752	752	3,759
926: A&G Loads	-	-	717	717	717	717	717	3,587
928: AFUDC Debt	-	-	14	42	70	98	126	349
929: AFUDC Equity	-	-	33	100	167	235	302	838
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	20,313	20,408	20,503	20,598	20,694	102,516

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	9,057	-	-	-	-	-	-	-	-	-	-	-	-	9,057
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	81,516	-	-	-	-	-	-	-	-	-	-	-	-	81,516
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	239,173	239,173	-	-	-	-	478,345
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	686	-	-	-	-	-	-	-	-	-	-	-	-	686
914: Pension and Benefits	1,949	-	-	-	-	-	-	-	-	-	-	-	-	1,949
915: Injuries and Damages	775	-	-	-	-	-	-	-	-	-	-	-	-	775
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	3,759	-	-	-	-	-	11,959	11,959	-	-	-	-	-	27,677
926: A&G Loads	3,587	-	-	-	-	-	8,586	8,586	-	-	-	-	-	20,759
928: AFUDC Debt	349	211	213	214	215	216	484	1,022	1,295	1,301	1,308	1,314	1,320	9,462
929: AFUDC Equity	838	270	271	272	274	275	618	1,304	1,652	1,660	1,668	1,676	1,684	12,463
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	102,516	481	484	486	488	491	260,820	262,044	2,947	2,962	2,976	2,990	3,005	642,689

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	9,057	938	938	938	938	938	-	-	-	-	-	-	-	12,809
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	81,516	62,176	8,440	8,440	8,440	-	-	-	-	-	-	-	-	169,013
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	478,345	-	-	-	-	-	-	-	-	-	-	-	-	478,345
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	686	71	71	71	71	71	-	-	-	-	-	-	-	968
914: Pension and Benefits	1,949	216	216	216	216	-	-	-	-	-	-	-	-	2,813
915: Injuries and Damages	775	93	93	93	93	-	-	-	-	-	-	-	-	1,149
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	27,677	3,175	488	488	488	-	-	-	-	-	-	-	-	32,315
926: A&G Loads	20,759	2,745	408	408	408	-	-	-	-	-	-	-	-	24,729
928: AFUDC Debt	9,462	1,182	1,258	1,282	1,307	1,323	-	-	-	-	-	-	-	15,814
929: AFUDC Equity	12,463	2,049	2,180	2,223	2,266	2,293	-	-	-	-	-	-	-	23,473
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	(739,763)	-	-	-	-	-	-	-	(739,763)
825: Closing Cost of Removal	-	-	-	-	-	(21,664)	-	-	-	-	-	-	-	(21,664)
Project Net	642,689	72,645	14,091	14,159	14,227	(757,811)	-	-	-	-	-	-	-	(0)

Project No: 64808823 Coal Substation
Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information County % Bernalillo 100%

Estimated Start Date 1/1/2024

Estimated Completion Date 3/31/2028

Description
 Coal substation has equipment that is decades old, increasing the probability of equipment failure. This project would replace aging equipment in the substation that has been identified as high risk for future failures and therefore outages for the local area. The switchgear that is used to distribute power to the local neighborhood and protect utility equipment would be replaced in kind, and the power transformer that is used to step down voltage from a transmission level to distribution level would be replaced with a larger unit with additional capacity. This would include the associated equipment within and around the switchgear and power transformers: new vacuum circuit breakers, microprocessor relays (replacing older electro-mechanical relays), high-side interrupters, and upgraded power cables on the high voltage side of the transformer and individual outgoing distribution feeders circuits.

Project Need Justification
 PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
 One alternative is to keep the existing assets in place and allow them to operate until failure. This would immediately impact the local neighborhood with power outages and an emergency replacement would have to be deployed which would entail higher costs and longer outages. Another option is to replace the major assets separately to mitigate outage durations. This would allow for the outages to be shortened, but costs would be higher due to multiple mobilizations, additional labor hours for transferring customer load, and engineering phased design and construction packages.

Project Estimate Approach
 Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
 The purchase and installation of a new power transformer and switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. An additional benefit for this project is the additional power capacity of the power transformer, allowing PNM more flexibility to support adjacent customer loads on farther out distribution circuits through this site.

Primary Value Driver Reliability

Safety

Reliability Replacing the aged switchgear and power transformer would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would enhance the management of each feeder into the neighborhood.

System Performance The new switchgear and power transformer would outperform the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area. Additionally, it would provide the substation higher power capacity for any future neighborhood growth.

Security

Compliance

Environmental

Project No:

64808823 Coal Substation

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	23,753	-	23,753
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	59,382	-	59,382
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	35,629	-	35,629
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	1,789	-	1,789
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	5,470	-	5,470
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	2,363	-	2,363
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	4,333	-	4,333
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	6,419	-	6,419
926: A&G Loads	-	-	-	-	-	-	-	-	-	-	-	5,166	-	5,166
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	126	252	378
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	218	437	655
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(141,008)	(141,008)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(4,329)	(4,329)
Project Net	-	-	-	-	-	-	-	-	-	-	-	144,648	(144,648)	-

Project No: 64808918 TW 115kV ROW

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Torrance 100%

Estimated Start Date 10/1/2018

Estimated Completion Date 12/31/2022

Description PNM acquired the TW 115kV line from Plains Electric circa 2000. When Plains Electric originally built the line, it acquired term easements, ranging from 45 years to 55 years, for the land. This project involves renewing or converting expiring easements to perpetual easements.

Project Need Justification If these easements were not renewed or converted into perpetual easements prior to their expiration, the line would technically be in trespass.

Project Alternatives The only alternative would be to decommission the line and remove it from service. This is simply not viable since the line is critical to serving Central New Mexico Co-Op and its customers.

Project Estimate Approach Land values were estimated based on sales comparables provided by Contract Acquisition Services. Standard industry acquisition practices were then employed determine the cost to acquire or and convert the land to easements.

Customer Benefit Central New Mexico Co-Op relies on this line to provide energy to its customers and it is a critical line to PNM for moving bulk energy on PNM's transmission system to serve its customers.

Primary Value Driver Compliance

Safety

Reliability This line is critical energy infrastructure to PNM and must remain in service.

System Performance

Security

Compliance The company must secure property rights for the operation of its transmission system.

Environmental

Project No:	64808918 TW 115kv ROW							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	3,294	-	-	-	-	-	-	3,294
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	314,678	12,525	12,525	12,525	12,525	12,525	12,525	389,828
374: Outside Services Legal	150,447	-	-	-	-	-	-	150,447
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	685	-	-	-	-	-	-	685
805: Land and Land Rights	232,904	-	-	-	-	-	-	232,904
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	257	-	-	-	-	-	-	257
914: Pension and Benefits	834	-	-	-	-	-	-	834
915: Injuries and Damages	249	-	-	-	-	-	-	249
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,135	-	-	-	-	-	-	1,135
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	24,532	501	501	501	501	501	501	27,538
926: A&G Loads	39,443	496	496	496	496	496	496	42,419
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(754,499)	-	-	-	-	-	(92,657)	(847,156)
825: Closing Cost of Removal	-	-	-	-	-	-	(2,434)	(2,434)
Project Net	13,959	13,522	13,522	13,522	13,522	13,522	(81,569)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	3,294	-	-	-	-	-	-	-	-	-	-	-	-	3,294
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	389,828	-	-	-	-	-	-	-	-	-	-	-	-	389,828
374: Outside Services Legal	150,447	-	-	-	-	-	-	-	-	-	-	-	-	150,447
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	685	-	-	-	-	-	-	-	-	-	-	-	-	685
805: Land and Land Rights	232,904	-	-	-	-	-	-	-	-	-	-	-	-	232,904
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	257	-	-	-	-	-	-	-	-	-	-	-	-	257
914: Pension and Benefits	834	-	-	-	-	-	-	-	-	-	-	-	-	834
915: Injuries and Damages	249	-	-	-	-	-	-	-	-	-	-	-	-	249
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,135	-	-	-	-	-	-	-	-	-	-	-	-	1,135
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	27,538	-	-	-	-	-	-	-	-	-	-	-	-	27,538
926: A&G Loads	42,419	-	-	-	-	-	-	-	-	-	-	-	-	42,419
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(847,156)	-	-	-	-	-	-	-	-	-	-	-	-	(847,156)
825: Closing Cost of Removal	(2,434)	-	-	-	-	-	-	-	-	-	-	-	-	(2,434)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	3,294	-	-	-	-	-	-	-	-	-	-	-	-	3,294
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	389,828	-	-	-	-	-	-	-	-	-	-	-	-	389,828
374: Outside Services Legal	150,447	-	-	-	-	-	-	-	-	-	-	-	-	150,447
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	685	-	-	-	-	-	-	-	-	-	-	-	-	685
805: Land and Land Rights	232,904	-	-	-	-	-	-	-	-	-	-	-	-	232,904
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	257	-	-	-	-	-	-	-	-	-	-	-	-	257
914: Pension and Benefits	834	-	-	-	-	-	-	-	-	-	-	-	-	834
915: Injuries and Damages	249	-	-	-	-	-	-	-	-	-	-	-	-	249
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,135	-	-	-	-	-	-	-	-	-	-	-	-	1,135
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	27,538	-	-	-	-	-	-	-	-	-	-	-	-	27,538
926: A&G Loads	42,419	-	-	-	-	-	-	-	-	-	-	-	-	42,419
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(847,156)	-	-	-	-	-	-	-	-	-	-	-	-	(847,156)
825: Closing Cost of Removal	(2,434)	-	-	-	-	-	-	-	-	-	-	-	-	(2,434)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64809120 SEL Relay Project 2020

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 9/30/2022

Description

Aging equipment and compliance standards have created a need for system-wide relay upgrades for the transmission system. Completing these upgrades will ensure grid security and reliability. The purpose of this project is to continue to replace the aging electromechanical infrastructure with newer microprocessor technology to meet regulatory compliance standards.

A programmatic approach is needed to address relay upgrades. Such an approach will ensure that upgrades are installed efficiently and cost-effectively. Additionally, this approach will help prevent the failure or mis-operation of relays. Specifically, this project will be implemented annually with five phases from 2019-2023, with an estimated 20 relay replacements per year.

The first step of this approach was conducted in 2018. PNM System Protection & Control Engineering engaged Schweitzer Engineering Laboratory (SEL) to conduct a system-wide protection coordination study to identify and remediate protection system deficiencies and miscoordination. After completion of the study, PNM began to standardize its transmission protection system, which included developing new protection standards based on recommendations from the study. PNM will leverage the expertise and experience of SEL Engineering Services to implement this system-wide relay upgrade project.

Project Need Justification

Currently, relays have aged well beyond their expected lifetime. As a result, some Original Equipment Manufacturers (OEM) are no longer producing parts or services for these relays. This creates difficulties in servicing these relays, which results in extended and expensive downtime. This project will help prevent the failure of relays and reduce the risk of regulatory fines.

Project Alternatives

The only alternative is to do nothing. This do nothing approach was not considered because system protection relays are necessary to maintain the integrity of the PNM transmission system. Additionally, these components are mandatory in meeting North American Electric Reliability Corporation Critical Infrastructure Protection (NERC CIP) compliance.

Project Estimate Approach

The cost estimate of this project was developed by obtaining a quote from SEL. To evaluate the cost, SEL observed several sample sites and delivered costs that included engineering proposals and labor to install and test relays at each site. Additionally, PNM will provide some labor for testing, drawing reviews, etc. With each phase, costs will be further developed to be more accurate.

Customer Benefit

Implementing these upgrades will have a positive impact on grid reliability and security. Customers will benefit from this by experiencing reduced and shortened outages. Further, risks of damage to customer equipment will be mitigated.

Primary Value Driver Reliability

Safety Implementing microprocessor technology ensures that equipment can be operated safely and at speed. Additionally, microprocessor technology mitigates risks of damage to customers and their equipment.

Reliability Implementing microprocessor upgrades will reduce system downtime, and contribute to an improved System Average Interruption Duration Index (SAIDI).

System Performance Microprocessor technology ensures that large amounts of data can be tracked, monitored, and utilized in real-time. Therefore, implementing microprocessor upgrades will lead to an increased system performance.

Security

Compliance This project aims to implement new technology that ensures that PNM is meeting NERC CIP requirements. Specifically, NERC CIP requires (PRC-005) PNM to implement and document protection systems affecting the reliability of the Bulk Energy System (BES). Additionally, NERC CIP requires (CIP-007) PNM to implement and release methods and procedures for components determined to be Critical Cyber Assets.

Environmental

Project No:	64809120 SEL Relay Project 2020							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	229,611	2,000	2,000	-	-	-	-	233,611
120: Overtime-General	26,257	-	-	-	-	-	-	26,257
350: Material Issues-Major	140,909	-	-	-	-	-	-	140,909
370: Outside Services	5,446,986	-	50,000	-	-	-	-	5,496,986
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	6,155	-	-	-	-	-	-	6,155
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	40,913	-	-	-	-	-	-	40,913
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(861,651)	-	-	-	-	-	-	(861,651)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,361	151	151	-	-	-	-	19,664
914: Pension and Benefits	59,546	430	430	-	-	-	-	60,406
915: Injuries and Damages	21,044	171	171	-	-	-	-	21,387
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	16,784	-	-	-	-	-	-	16,784
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	311,993	110	2,110	-	-	-	-	314,214
926: A&G Loads	169,916	79	2,059	-	-	-	-	172,054
928: AFUDC Debt	53,040	-	-	4	-	-	-	53,045
929: AFUDC Equity	135,006	-	-	10	-	-	-	135,015
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,384,322)	-	-	(8,848)	-	-	-	(5,393,170)
825: Closing Cost of Removal	(261,754)	-	-	-	(220,823)	-	-	(482,578)
Project Net	169,793	2,942	56,922	(8,834)	(220,823)	-	-	(0)

Project No:	64809120 SEL Relay Project 2020													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	233,611	-	-	-	-	-	-	-	-	-	-	-	-	233,611
120: Overtime-General	26,257	-	-	-	-	-	-	-	-	-	-	-	-	26,257
350: Material Issues-Major	140,909	-	-	-	-	-	-	-	-	-	-	-	-	140,909
370: Outside Services	5,496,986	-	-	-	-	-	-	-	-	-	-	-	-	5,496,986
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	6,155	-	-	-	-	-	-	-	-	-	-	-	-	6,155
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	40,913	-	-	-	-	-	-	-	-	-	-	-	-	40,913
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(861,651)	-	-	-	-	-	-	-	-	-	-	-	-	(861,651)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,664	-	-	-	-	-	-	-	-	-	-	-	-	19,664
914: Pension and Benefits	60,406	-	-	-	-	-	-	-	-	-	-	-	-	60,406
915: Injuries and Damages	21,387	-	-	-	-	-	-	-	-	-	-	-	-	21,387
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	16,784	-	-	-	-	-	-	-	-	-	-	-	-	16,784
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	314,214	-	-	-	-	-	-	-	-	-	-	-	-	314,214
926: A&G Loads	172,054	-	-	-	-	-	-	-	-	-	-	-	-	172,054
928: AFUDC Debt	53,045	-	-	-	-	-	-	-	-	-	-	-	-	53,045
929: AFUDC Equity	135,015	-	-	-	-	-	-	-	-	-	-	-	-	135,015
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,393,170)	-	-	-	-	-	-	-	-	-	-	-	-	(5,393,170)
825: Closing Cost of Removal	(482,578)	-	-	-	-	-	-	-	-	-	-	-	-	(482,578)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	64809120 SEL Relay Project 2020													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	233,611	-	-	-	-	-	-	-	-	-	-	-	-	233,611
120: Overtime-General	26,257	-	-	-	-	-	-	-	-	-	-	-	-	26,257
350: Material Issues-Major	140,909	-	-	-	-	-	-	-	-	-	-	-	-	140,909
370: Outside Services	5,496,986	-	-	-	-	-	-	-	-	-	-	-	-	5,496,986
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	6,155	-	-	-	-	-	-	-	-	-	-	-	-	6,155
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	40,913	-	-	-	-	-	-	-	-	-	-	-	-	40,913
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(861,651)	-	-	-	-	-	-	-	-	-	-	-	-	(861,651)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,664	-	-	-	-	-	-	-	-	-	-	-	-	19,664
914: Pension and Benefits	60,406	-	-	-	-	-	-	-	-	-	-	-	-	60,406
915: Injuries and Damages	21,387	-	-	-	-	-	-	-	-	-	-	-	-	21,387
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	16,784	-	-	-	-	-	-	-	-	-	-	-	-	16,784
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	314,214	-	-	-	-	-	-	-	-	-	-	-	-	314,214
926: A&G Loads	172,054	-	-	-	-	-	-	-	-	-	-	-	-	172,054
928: AFUDC Debt	53,045	-	-	-	-	-	-	-	-	-	-	-	-	53,045
929: AFUDC Equity	135,015	-	-	-	-	-	-	-	-	-	-	-	-	135,015
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,393,170)	-	-	-	-	-	-	-	-	-	-	-	-	(5,393,170)
825: Closing Cost of Removal	(482,578)	-	-	-	-	-	-	-	-	-	-	-	-	(482,578)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64809221 Route 66 115kV Switching Station

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Cibola 100%

Estimated Start Date 9/1/2020

Estimated Completion Date 9/30/2022

Description
The purpose of this project is to set up a new 115kV switching station named Cibola on the Bluewater to Petroglyph (BW).

Project Need Justification
This project will increase system capacity to support future generation. It will also fulfill a Large Generation Interconnection Agreement (LGIA) Route 66 solar to interconnect 49.5MW of solar generation. Since the LGIA has a 18 month construction timeline once the notice of proceed is signed, this project is needed to allow a line into the system.

Project Alternatives
This project cannot be built without a new 115kV station. By doing nothing the LGIA will not be fulfilled.

Project Estimate Approach
The estimate was developed using historical internal and external labor and material costs from previous projects built within the last couple of years, we also added a 10% contingency adder.

Customer Benefit
The reliability on the new Bluewater-Cibola and Cibola-Petroglyph lines increases by allowing the system to sectionalize during fault conditions, directly benefiting customers.

Primary Value Driver System Performance

Safety

Reliability

System Performance This switching station will increase system capacity for future generation growth and allow for DER integration, specifically 49.5MW of solar generation, into the system.

Security

Compliance

Environmental

Project No:	64809221 Route 66 115kV Switching Station							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	185,968	1,000	1,000	1,000	-	-	-	188,968
120: Overtime-General	19,532	-	-	-	-	-	-	19,532
350: Material Issues-Major	3,113,511	-	-	-	-	-	-	3,113,511
370: Outside Services	6,639,261	20,000	50,000	-	-	-	-	6,709,261
374: Outside Services Legal	24,187	-	-	-	-	-	-	24,187
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	14,467	-	-	-	-	-	-	14,467
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,334,078)	-	-	-	-	-	-	(1,334,078)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,415	76	76	76	-	-	-	15,642
914: Pension and Benefits	45,619	215	215	215	-	-	-	46,264
915: Injuries and Damages	15,848	86	86	86	-	-	-	16,105
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	31,048	-	-	-	-	-	-	31,048
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	400,318	855	2,055	55	-	-	-	403,283
926: A&G Loads	299,810	832	2,020	40	-	-	-	302,701
928: AFUDC Debt	54,883	663	720	763	-	-	-	57,029
929: AFUDC Equity	194,938	1,592	1,729	1,831	-	-	-	200,089
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(9,262,175)	-	-	(543,436)	-	-	-	(9,805,611)
825: Closing Cost of Removal	-	-	-	-	(2,400)	-	-	(2,400)
Project Net	458,552	25,318	57,900	(539,371)	(2,400)	-	-	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	188,968	-	-	-	-	-	-	-	-	-	-	-	-	188,968
120: Overtime-General	19,532	-	-	-	-	-	-	-	-	-	-	-	-	19,532
350: Material Issues-Major	3,113,511	-	-	-	-	-	-	-	-	-	-	-	-	3,113,511
370: Outside Services	6,709,261	-	-	-	-	-	-	-	-	-	-	-	-	6,709,261
374: Outside Services Legal	24,187	-	-	-	-	-	-	-	-	-	-	-	-	24,187
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	14,467	-	-	-	-	-	-	-	-	-	-	-	-	14,467
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,334,078)	-	-	-	-	-	-	-	-	-	-	-	-	(1,334,078)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,642	-	-	-	-	-	-	-	-	-	-	-	-	15,642
914: Pension and Benefits	46,264	-	-	-	-	-	-	-	-	-	-	-	-	46,264
915: Injuries and Damages	16,105	-	-	-	-	-	-	-	-	-	-	-	-	16,105
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	31,048	-	-	-	-	-	-	-	-	-	-	-	-	31,048
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	403,283	-	-	-	-	-	-	-	-	-	-	-	-	403,283
926: A&G Loads	302,701	-	-	-	-	-	-	-	-	-	-	-	-	302,701
928: AFUDC Debt	57,029	-	-	-	-	-	-	-	-	-	-	-	-	57,029
929: AFUDC Equity	200,089	-	-	-	-	-	-	-	-	-	-	-	-	200,089
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,805,611)	-	-	-	-	-	-	-	-	-	-	-	-	(9,805,611)
825: Closing Cost of Removal	(2,400)	-	-	-	-	-	-	-	-	-	-	-	-	(2,400)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	188,968	-	-	-	-	-	-	-	-	-	-	-	-	188,968
120: Overtime-General	19,532	-	-	-	-	-	-	-	-	-	-	-	-	19,532
350: Material Issues-Major	3,113,511	-	-	-	-	-	-	-	-	-	-	-	-	3,113,511
370: Outside Services	6,709,261	-	-	-	-	-	-	-	-	-	-	-	-	6,709,261
374: Outside Services Legal	24,187	-	-	-	-	-	-	-	-	-	-	-	-	24,187
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	14,467	-	-	-	-	-	-	-	-	-	-	-	-	14,467
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,334,078)	-	-	-	-	-	-	-	-	-	-	-	-	(1,334,078)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,642	-	-	-	-	-	-	-	-	-	-	-	-	15,642
914: Pension and Benefits	46,264	-	-	-	-	-	-	-	-	-	-	-	-	46,264
915: Injuries and Damages	16,105	-	-	-	-	-	-	-	-	-	-	-	-	16,105
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	31,048	-	-	-	-	-	-	-	-	-	-	-	-	31,048
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	403,283	-	-	-	-	-	-	-	-	-	-	-	-	403,283
926: A&G Loads	302,701	-	-	-	-	-	-	-	-	-	-	-	-	302,701
928: AFUDC Debt	57,029	-	-	-	-	-	-	-	-	-	-	-	-	57,029
929: AFUDC Equity	200,089	-	-	-	-	-	-	-	-	-	-	-	-	200,089
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,805,611)	-	-	-	-	-	-	-	-	-	-	-	-	(9,805,611)
825: Closing Cost of Removal	(2,400)	-	-	-	-	-	-	-	-	-	-	-	-	(2,400)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64809222 Trans Relay Replacement 2022

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 3/2/2022

Estimated Completion Date 12/31/2023

Description

This project replaces aging electromechanical, solid state, and legacy microprocessor relays with newer technology to improve reliability on PNM's grid.

Project Need Justification

Due to aging protective relaying equipment on the system, there was a need for a system-wide relay upgrade project to minimize possible relay failures that could lead to a system-wide disturbance. Over the past several years, multiple projects have been completed to address aging relays. PNM has taken a programmatic approach to relay upgrades to address existing relays that use old technology and have served well beyond their expected lifetime with parts or services that may no longer be available. Such an approach will help prevent the failure or misoperation of relays.

As a first step in this programmatic approach, PNM System Protection & Control Engineering in 2018 engaged Schweitzer Engineering Laboratory (SEL) to conduct a system-wide protection coordination study to identify and remediate protection system deficiencies and miscoordination. New standards have been developed for the transmission protection system and we are currently moving forward in a systematic approach to address the aging infrastructure based on the generated priority list for the five-year program. As a next step, PNM has started replacing aging protective relaying equipment with best-in-class equipment, standardized across PNM systems to improve performance while reducing errors, training, and operations and maintenance (O&M) expenses. PNM will continue to leverage the expertise and experience of SEL Engineering Services to implement this system-wide relay upgrade project. PNM's relay upgrade project will be implemented in multiple phases over the next several years.

Project Alternatives

PNM's standard is based on state-of-the-art Schweitzer Engineering Labs equipment and technology so new alternatives are not considered given how recently the evaluation of potential technologies was done to kick of this program in 2018.

Project Estimate Approach

The estimate for the labor and materials was derived from quotes from the vendor and previous project experience.

Customer Benefit

Customers will benefit from the elimination of legacy technology that was subject to failure and/or could not be properly maintained due to out-of-date parts, etc. Newer relay technology allows for greater situational awareness which results in faster fault location detection and resolution.

Primary Value Driver Reliability

Safety

Reliability Newer relay technology operates more quickly to remove faulted equipment from the system to protection from equipment damage. The newer technology also allows for quicker and more accurate determination of fault locations and reduces the likelihood of failure in real time.

System Performance

Security

Compliance

Environmental

Project No:	64809222 Trans Relay Replacement 2022							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	985	19,756	26,337	73,111	102,111	146,042	190,821	559,163
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	96,770	96,770	176,771	260,880	631,191
370: Outside Services	78,029	177,807	237,036	309,624	567,008	670,375	764,915	2,804,794
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	630	-	-	58,062	58,062	106,062	156,528	379,345
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	75	1,496	1,994	5,534	7,730	11,055	14,445	42,329
914: Pension and Benefits	217	4,252	5,668	15,733	21,974	31,428	41,065	120,337
915: Injuries and Damages	84	1,691	2,254	6,258	8,741	12,501	16,334	47,864
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	7,079	7,079	12,931	19,083	46,172
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	2,153	8,200	10,932	22,604	34,496	46,169	57,800	182,353
926: A&G Loads	3,153	7,823	10,430	21,288	32,628	43,530	54,377	173,229
928: AFUDC Debt	54	260	614	1,241	2,310	3,824	5,782	14,086
929: AFUDC Equity	114	624	1,475	2,979	5,545	9,177	13,878	33,791
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	85,493	221,909	296,739	620,284	944,455	1,269,867	1,595,907	5,034,654

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	559,163	261,710	219,462	264,557	227,375	77,548	56,108	13,088	-	-	-	-	-	1,679,011
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	631,191	455,978	405,321	343,133	296,360	-	-	-	-	-	-	-	-	2,131,982
370: Outside Services	2,804,794	698,388	498,175	1,054,753	906,328	672,932	504,970	117,788	-	-	-	-	-	7,258,129
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	379,345	273,587	243,192	205,880	177,816	-	-	-	-	-	-	-	-	1,279,819
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	42,329	19,707	16,526	19,921	17,121	5,839	4,225	986	-	-	-	-	-	126,653
914: Pension and Benefits	120,337	60,272	50,542	60,927	52,364	17,859	12,922	3,014	-	-	-	-	-	378,238
915: Injuries and Damages	47,864	26,040	21,837	26,323	22,624	7,716	5,583	1,302	-	-	-	-	-	159,289
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	46,172	33,268	29,572	25,035	21,622	-	-	-	-	-	-	-	-	155,669
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	182,353	89,784	72,753	98,775	84,999	39,095	29,190	6,809	-	-	-	-	-	603,758
926: A&G Loads	173,229	60,659	49,045	67,073	57,723	26,942	20,143	4,698	-	-	-	-	-	459,512
928: AFUDC Debt	14,086	12,414	16,171	20,140	24,393	27,308	28,967	29,912	30,209	30,356	30,502	30,650	30,798	325,907
929: AFUDC Equity	33,791	15,836	20,629	25,691	31,117	34,835	36,952	38,157	38,536	38,723	38,910	39,098	39,287	431,562
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(14,556,594)	(14,556,594)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(432,935)	(432,935)
Project Net	5,034,654	2,007,642	1,643,224	2,212,208	1,919,842	910,075	699,059	215,755	68,746	69,078	69,412	69,748	(14,919,443)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,679,011	-	-	-	-	-	-	-	-	-	-	-	-	1,679,011
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,131,982	-	-	-	-	-	-	-	-	-	-	-	-	2,131,982
370: Outside Services	7,258,129	-	-	-	-	-	-	-	-	-	-	-	-	7,258,129
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,279,819	-	-	-	-	-	-	-	-	-	-	-	-	1,279,819
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	126,653	-	-	-	-	-	-	-	-	-	-	-	-	126,653
914: Pension and Benefits	378,238	-	-	-	-	-	-	-	-	-	-	-	-	378,238
915: Injuries and Damages	159,289	-	-	-	-	-	-	-	-	-	-	-	-	159,289
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	155,669	-	-	-	-	-	-	-	-	-	-	-	-	155,669
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	603,758	-	-	-	-	-	-	-	-	-	-	-	-	603,758
926: A&G Loads	459,512	-	-	-	-	-	-	-	-	-	-	-	-	459,512
928: AFUDC Debt	325,907	-	-	-	-	-	-	-	-	-	-	-	-	325,907
929: AFUDC Equity	431,562	-	-	-	-	-	-	-	-	-	-	-	-	431,562
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(14,556,594)	-	-	-	-	-	-	-	-	-	-	-	-	(14,556,594)
825: Closing Cost of Removal	(432,935)	-	-	-	-	-	-	-	-	-	-	-	-	(432,935)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 64809420 Pintado 345kV Switching Station

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % McKinley 100%

Estimated Start Date 6/30/2020

Estimated Completion Date 4/30/2023

Description
Pintado 345 kV switching station is a new 345 kV facility located on PNM's existing Four Corners - Rio Puerco (FW) line. This station enables interconnection of a 300 MW solar facility and its associated 150 MW battery energy storage facility to PNM's system.

Project Need Justification
PNM provides generator interconnection services to its transmission system required under the Federal Energy Regulation Commission (FERC) Open Access Transmission Tariff (OATT). The FERC OATT requirements established the application requirements and the mutual obligations of PNM for any eligible interconnection customer seeking generator interconnection. PNM is required, per FERC regulations, to provide generator interconnection service on a non-discriminatory basis to any eligible interconnection customer that meets the criteria outlined in PNM's OATT. Under the procedures, PNM is required to use due diligence to implement the interconnection, and construct, own, and operate the interconnection facilities required to interconnect a generating facility to the PNM transmission system. The Arroyo Solar facility is expected to meet all required obligations and PNM will interconnect the facility via this new switching station. Once a valid application for generator interconnection service is submitted, the OATT procedures provide for a study process that determines the most appropriate facilities needed to interconnect the proposed generator to the transmission system. The study process also determines the impacts to the transmission system caused by the interconnecting generator(s) and any transmission system reinforcements needed to remedy such impacts.

Project Alternatives
Because PNM is required to interconnect the Arroyo Facilities pursuant to FERC requirements from the PNM OATT and the Commission-approved purchased power agreement to purchase energy and storage capacity from the Arroyo Facilities, there are no feasible alternatives. Not building the project would preclude the Arroyo Facilities from interconnecting with the PNM transmission system. PNM is mandated under FERC regulation to interconnect wholesale generators and associated energy storage systems by providing non-discriminatory interconnection services to qualified customers.

Project Estimate Approach
The estimate is derived using prior project costs and bids from equipment vendors.

Customer Benefit
The interconnection of a new renewable generation resource and associated battery energy storage facility will serve retail customers as a network resource.

Primary Value Driver System Performance

Safety

Reliability

System Performance The system performance will be improved through the addition of a new generation resource and an associated battery energy storage system.

Security

Compliance Per the FERC OATT, PNM is required to provide generator interconnection service on a non-discriminatory basis to any eligible interconnection customer that meets the criteria outlined in PNM's OATT. Under the procedures, PNM is required to use due diligence to implement the interconnection, and construct, own, and operate the interconnection facilities required to interconnect a generating facility to the PNM transmission system. The Arroyo Solar facility is expected to meet all required obligations and PNM will interconnect the facility via this new switching station

Environmental

Project No:	64809420 Pintado 345kV Switching Station							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	326,245	-	-	-	-	-	-	326,245
120: Overtime-General	62,401	-	-	-	-	-	-	62,401
350: Material Issues-Major	1,397,847	-	-	-	-	-	-	1,397,847
370: Outside Services	2,980,536	-	-	-	-	-	-	2,980,536
374: Outside Services Legal	19,205	-	-	-	-	-	-	19,205
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	90,064	-	-	-	-	-	-	90,064
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(687,500)	-	-	-	-	-	-	(687,500)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	29,381	-	-	-	-	-	-	29,381
914: Pension and Benefits	85,247	-	-	-	-	-	-	85,247
915: Injuries and Damages	32,779	-	-	-	-	-	-	32,779
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	13,617	-	-	-	-	-	-	13,617
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	230,242	-	-	-	-	-	-	230,242
926: A&G Loads	166,265	-	-	-	-	-	-	166,265
928: AFUDC Debt	3,630	-	-	-	-	-	-	3,630
929: AFUDC Equity	(3,630)	-	-	-	-	-	-	(3,630)
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	4,746,331	-	-	-	-	-	-	4,746,331

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	326,245	-	-	-	-	-	-	-	-	-	-	-	-	326,245
120: Overtime-General	62,401	-	-	-	-	-	-	-	-	-	-	-	-	62,401
350: Material Issues-Major	1,397,847	-	-	-	-	-	-	-	-	-	-	-	-	1,397,847
370: Outside Services	2,980,536	-	-	-	-	-	-	-	-	-	-	-	-	2,980,536
374: Outside Services Legal	19,205	-	-	-	-	-	-	-	-	-	-	-	-	19,205
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	90,064	-	-	-	-	-	-	-	-	-	-	-	-	90,064
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(687,500)	-	-	-	-	-	-	-	-	-	-	-	-	(687,500)
829: Construction Adjustment	-	-	-	24,041,000	-	-	-	-	-	-	-	-	-	24,041,000
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	29,381	-	-	-	-	-	-	-	-	-	-	-	-	29,381
914: Pension and Benefits	85,247	-	-	-	-	-	-	-	-	-	-	-	-	85,247
915: Injuries and Damages	32,779	-	-	-	-	-	-	-	-	-	-	-	-	32,779
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	13,617	-	-	-	-	-	-	-	-	-	-	-	-	13,617
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	230,242	-	-	-	-	-	-	-	-	-	-	-	-	230,242
926: A&G Loads	166,265	-	-	-	-	-	-	-	-	-	-	-	-	166,265
928: AFUDC Debt	3,630	-	-	-	-	-	-	-	-	-	-	-	-	3,630
929: AFUDC Equity	(3,630)	-	-	-	-	-	-	-	-	-	-	-	-	(3,630)
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	(28,638,175)	-	-	-	-	-	-	-	-	(28,638,175)
825: Closing Cost of Removal	-	-	-	-	(149,155)	-	-	-	-	-	-	-	-	(149,155)
Project Net	4,746,331	-	-	24,041,000	(28,787,331)	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	326,245	-	-	-	-	-	-	-	-	-	-	-	-	326,245
120: Overtime-General	62,401	-	-	-	-	-	-	-	-	-	-	-	-	62,401
350: Material Issues-Major	1,397,847	-	-	-	-	-	-	-	-	-	-	-	-	1,397,847
370: Outside Services	2,980,536	-	-	-	-	-	-	-	-	-	-	-	-	2,980,536
374: Outside Services Legal	19,205	-	-	-	-	-	-	-	-	-	-	-	-	19,205
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	90,064	-	-	-	-	-	-	-	-	-	-	-	-	90,064
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(687,500)	-	-	-	-	-	-	-	-	-	-	-	-	(687,500)
829: Construction Adjustment	24,041,000	-	-	-	-	-	-	-	-	-	-	-	-	24,041,000
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	29,381	-	-	-	-	-	-	-	-	-	-	-	-	29,381
914: Pension and Benefits	85,247	-	-	-	-	-	-	-	-	-	-	-	-	85,247
915: Injuries and Damages	32,779	-	-	-	-	-	-	-	-	-	-	-	-	32,779
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	13,617	-	-	-	-	-	-	-	-	-	-	-	-	13,617
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	230,242	-	-	-	-	-	-	-	-	-	-	-	-	230,242
926: A&G Loads	166,265	-	-	-	-	-	-	-	-	-	-	-	-	166,265
928: AFUDC Debt	3,630	-	-	-	-	-	-	-	-	-	-	-	-	3,630
929: AFUDC Equity	(3,630)	-	-	-	-	-	-	-	-	-	-	-	-	(3,630)
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(28,638,175)	-	-	-	-	-	-	-	-	-	-	-	-	(28,638,175)
825: Closing Cost of Removal	(149,155)	-	-	-	-	-	-	-	-	-	-	-	-	(149,155)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64830017 17-21 Specialty Equip & Vehicle Co2

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Total System 100%

Estimated Start Date 1/1/2017

Estimated Completion Date 12/31/2026

Description Specialty equipment and vehicles are needed to perform transmission-class construction and maintenance. This equipment includes but is not limited to backyard excavators needed to access transmission facilities, tool trailers, and cable-fault locators to enable crews to determine the fault distance rather than operating at length. The purpose of this project is to replace aging and obsolete equipment. Additionally, this project will involve the acquisition of new equipment needed to support current construction programs.

Project Need Justification Current specialty equipment and vehicles are aging and functionally obsolete. This equipment no longer enables crews to complete construction programs efficiently and safely. Additionally, the acquisition of new equipment is required to meet current construction program needs.

Project Alternatives The equipment requested in this program has been evaluated by a multi-disciplinary group to determine need and benefits of purchasing over leasing. Equipment that was determined to be more beneficial to lease is not included in this project. For the remaining items, the only alternative is to continue using older equipment. This alternative was not considered, as current equipment no longer supports current construction program needs.

Project Estimate Approach The project cost estimate was developed by evaluating specifications for individual purchases. Specifically, vendor experience with PNM, ability to standardize equipment, ease of operation, warranty, and critical work requirements were the criteria considered for this project. Additionally, in conjunction with PNM's Fleet Department, a competitive-bid process was utilized to award work based on cost, safety performance, and other factors.

Customer Benefit By enabling crews to efficiently support construction programs, PNM can ensure that outage durations are reduced. This reduction will benefit customers directly.

Primary Value Driver Safety

Safety New specialty equipment and vehicles will enable crews to support construction programs more effectively and safely. Specifically, new equipment is built to modern standards that minimize risks of employee and public safety incidents and damage to public property.

Reliability New specialty equipment enables crews to support current diverse construction programs. Specifically, crews will be able to complete jobs faster and more efficiently. These improvements will minimize downtime and maximize system reliability.

System Performance

Security

Compliance

Environmental

Project No:

64830017 17-21 Specialty Equip & Vehicle Co2

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,329,063	-	-	-	-	-	-	2,329,063
370: Outside Services	15,367	30,833	30,833	30,833	30,833	30,833	30,833	200,367
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	10,811	43	86	174	262	353	448	12,177
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	10,456	-	-	-	-	-	-	10,456
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	143,728	1,221	1,221	1,221	1,221	1,221	1,221	151,054
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,509,426)	(16,020)	-	-	-	-	(177,614)	(2,703,060)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	16,077	32,140	32,228	32,317	32,407	(145,112)	57

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,329,063	-	-	-	-	-	-	-	-	-	-	-	-	2,329,063
370: Outside Services	200,367	-	-	77,000	-	-	-	80,000	-	-	-	40,000	80,000	477,367
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	12,177	-	-	113	226	230	118	242	185	188	192	260	463	14,394
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,456	-	-	-	-	-	-	-	-	-	-	-	-	10,456
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	151,054	-	-	2,764	-	-	-	2,872	-	-	-	1,436	2,872	160,998
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,703,060)	-	-	-	-	(40,167)	-	(61,699)	-	-	-	-	(187,296)	(2,992,222)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	57	-	-	79,877	226	(39,937)	118	21,415	185	188	192	41,696	(103,961)	57

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,329,063	-	-	-	-	-	-	-	-	-	-	-	-	2,329,063
370: Outside Services	477,367	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	842,367
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	14,394	55	164	275	384	496	332	441	304	417	526	639	757	19,183
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,456	-	-	-	-	-	-	-	-	-	-	-	-	10,456
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	160,998	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	176,876
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,992,222)	-	-	-	-	(80,036)	-	(72,144)	-	-	-	-	(233,487)	(3,377,889)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	57	31,794	31,903	32,015	32,124	(47,800)	32,072	(39,963)	32,044	32,156	32,266	32,379	(200,990)	57

Project No: 64830022 EV Charging Infrastructure-Co2

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2023

Estimated Completion Date 12/31/2023

Description

To achieve a viable and sustainable electric vehicle (EV) program, PNM will have to expand and upgrade existing charging infrastructure. Sites with existing basic infrastructure will need to be upgraded to networked chargers. Additionally, Direct Current fast chargers (DCFC) will need to be installed in limited quantities at key locations to allow for the quick charging of vehicles moving from location to location. This project will supplement and upgrade the existing EV charging infrastructure at Headquarters (HQ) and Aztec. PNM intends to install DCFC units at all sites, with some sites getting multiple chargers to support the anticipated number of EVs that will be acquired in the coming years. These DCFCs will allow for the full charging of light duty EVs in under 30 minutes and heavy duty EVs in under two hours, facilitating the movement of EVs from location to location.

Project Need Justification

Commercial fleets, including electric utility fleets, are transitioning to EV technologies at an accelerated pace. This transition is being driven by the attention being placed on global climate change, Original Equipment Manufacturer (OEM) vehicle advances and availability, and overall consumer demand. In 2020, Edison Electric Institute (EEI) members were asked to set new goals that better reflected their commitment to vehicle electrification. After significant analysis of future retirement/acquisition cycles, budgetary limitations, analysis of existing vehicles/technology, Plug-In Hybrid Electric Vehicle/Battery Electric Vehicle (PHEV/BEV) availability, as well as cost-effectiveness of those vehicles, PNM has committed to a 10% acquisition goal for all new units purchased in 2022 with a 5% increase year over year, cumulating in a 50% acquisition goal by 2030. This project will help achieve those goals.

Project Alternatives

No alternative were considered as PNM needs the chargers for the electric vehicles in its fleet. PNM will install the chargers in locations with electric vehicles and in areas that electric vehicles will travel to. PNM needs its own charging infrastructure to keep the vehicles safe, as it can take up to eight hours for a vehicle to become fully charged, and it wouldn't be ideal to leave a vehicle in a non-secure area as it charges. PNM is also acquiring electric bucket trucks, and it wouldn't be practical to have them at public charging stations.

Project Estimate Approach

The project estimate was based off the number of locations and the amount of chargers going into each location (i.e., number of chargers multiplied by the cost of a charger). The Fleet department was given an estimate of the cost from the consulting firm, Jones Lang LaSalle (JLL), and the best bid was accepted for the infrastructure elements of the project.

Customer Benefit

Customers benefit as the cost of electricity for the chargers is significantly lower than the cost of fuel, and the overall cost to maintain an EV is lower than vehicles with an internal combustion engine. EVs are also cleaner and will reduce vehicle emissions.

Primary Value Driver Environmental

Safety

Reliability

System Performance

Security

Compliance Annually, PNM has to report to the U.S. Department of Energy Alternative Fuel Transportation Program to ensure our fleet is in compliance with their requirements. The program requires fleets to acquire alternative fuel vehicle as a percentage of their annual light-duty vehicle acquisitions.

Environmental In 2020, Edison Electric Institute (EEI) members were asked to set new goals that better reflected their commitment to vehicle electrification. After significant analysis of future retirement/acquisition cycles, budgetary limitations, analysis of existing vehicles/technology, Plug-In Hybrid Electric Vehicle/Battery Electric Vehicle (PHEV/BEV) availability, as well as cost-effectiveness of those vehicles, PNM has committed to a 10% acquisition goal for all new units purchased in 2022 with a 5% increase year over year, cumulating in a 50% acquisition goal by 2030. This project will help achieve those goals.

Project No: 64830022 EV Charging Infrastructure-Co2

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	25,000	153,800	87,652	-	-	-	-	-	-	-	-	266,452
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	38	311	679	824	844	856	871	886	905	918	936	8,068
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	1,824	11,221	6,395	-	-	-	-	-	-	-	-	19,440
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	898	5,521	3,147	-	-	-	-	-	-	-	-	9,566
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(294,661)	(294,661)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(8,864)	(8,864)
Project Net	-	-	27,759	170,854	97,872	824	844	856	871	886	905	918	(302,589)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	266,452	-	-	-	-	-	-	-	-	-	-	-	-	266,452
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	8,068	-	-	-	-	-	-	-	-	-	-	-	-	8,068
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	19,440	-	-	-	-	-	-	-	-	-	-	-	-	19,440
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	9,566	-	-	-	-	-	-	-	-	-	-	-	-	9,566
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(294,661)	-	-	-	-	-	-	-	-	-	-	-	-	(294,661)
825: Closing Cost of Removal	(8,864)	-	-	-	-	-	-	-	-	-	-	-	-	(8,864)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 64830023 Spec Equip and Vehicles Co2

Company: 002 Transmission Services
Location: 648 Transmission General 2

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2026

Description
This project will be used to purchase specialty transmission line equipment and vehicles needed to perform necessary capital and maintenance work on PNM's 115kV and 345kV transmission system. Specialty equipment is needed to accommodate the rough terrain and access issues faced across the state of New Mexico and highly specialized tools and testing equipment to perform unique work. These items are not reasonably available on-call from local providers in either the time frame needed or with the features required to perform PNM's work. PNM risks the safety of its employees, extended outages, and customer service issues.

Project Need Justification
The reliable development and operation of the PNM system requires 1) vehicles that can access remote sites 24/7/365 under difficult conditions, 2) highly specialized tools and testing equipment, and 3) specialized equipment to perform unique work. These items are not reasonably available on-call from local providers in either the time frame needed or with the features required to perform PNM's work. Risks of not purchasing this equipment include employee safety, extended outages, customer service issues due to response time, and inability to perform work reliably and on a reasonable schedule.

Project Alternatives
Alternatives considered include using existing unsafe equipment, engaging equipment on a project by project basis (if it's available), or waiting to get to equipment/personnel to job sites. In terms of safety, cost, and outage considerations, these were not deemed feasible.

Project Estimate Approach
The project cost estimate was developed by evaluating specifications for individual purchases. Specifically, vendor experience with PNM, ability to standardize equipment, ease of operation, warranty, and critical work requirements were considered for this project. Additionally, in conjunction with PNM's Fleet Department, a competitive-bid process was utilized to award work based on cost, safety performance and other factors.

Customer Benefit
By enabling crews to efficiently support construction programs, PNM can ensure that outage durations are reduced. This reduction will benefit customers directly.

Primary Value Driver Safety
Safety
New specialty equipment and vehicles will enable crews to support construction programs more effectively and safely. Specifically, ew equipment is built to modern standards that minimize risk of employee and public safety incidents and damage to public property.

Reliability
New specialty equipment enables crews to support current diverse construction programs. Crews will be able to complete jobs faster and more efficiently. These improvements will minimize downtime and maximize system reliability.

System Performance

Security

Compliance

Environmental

Project No:	64830023 Spec Equip and Vehicles Co2							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,242	-	-	-	-	-	-	1,242
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	223,312	-	-	104,746	-	-	161,337	489,395
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	811	626	628	792	952	961	1,219	5,989
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	94	-	-	-	-	-	-	94
914: Pension and Benefits	267	-	-	-	-	-	-	267
915: Injuries and Damages	106	-	-	-	-	-	-	106
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	682	-	-	7,662	-	-	11,802	20,146
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	8,892	-	-	4,148	-	-	6,389	19,429
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(526,975)	(526,975)
825: Closing Cost of Removal	-	-	-	-	-	-	(8,883)	(8,883)
Project Net	235,406	626	628	117,348	952	961	(355,111)	811

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,242	-	-	-	-	-	-	-	-	-	-	-	-	1,242
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	489,395	-	-	-	-	-	-	-	-	-	-	-	-	489,395
370: Outside Services	-	-	-	77,000	-	-	-	438,034	205,894	-	-	40,000	80,000	840,928
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	5,989	-	-	110	219	111	758	1,726	2,068	1,051	1,073	1,152	1,367	15,624
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	94	-	-	-	-	-	-	-	-	-	-	-	-	94
914: Pension and Benefits	267	-	-	-	-	-	-	-	-	-	-	-	-	267
915: Injuries and Damages	106	-	-	-	-	-	-	-	-	-	-	-	-	106
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	20,146	-	-	-	-	-	-	-	-	-	-	-	-	20,146
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	19,429	-	-	2,764	-	-	15,725	7,392	-	-	-	1,436	2,872	49,619
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(526,975)	-	-	-	(38,850)	-	-	-	(345,274)	-	-	-	(470,496)	(1,381,594)
825: Closing Cost of Removal	(8,883)	-	-	-	(1,196)	-	-	-	(10,604)	-	-	-	(14,333)	(35,016)
Project Net	811	-	-	79,874	(39,827)	111	454,517	215,012	(353,810)	1,051	1,073	42,588	(400,590)	811

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,242	-	-	-	-	-	-	-	-	-	-	-	-	1,242
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	489,395	-	-	-	-	-	-	-	-	-	-	-	-	489,395
370: Outside Services	840,928	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	30,417	1,205,928
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	15,624	53	159	267	372	481	591	696	806	920	1,026	1,139	1,259	23,394
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	94	-	-	-	-	-	-	-	-	-	-	-	-	94
914: Pension and Benefits	267	-	-	-	-	-	-	-	-	-	-	-	-	267
915: Injuries and Damages	106	-	-	-	-	-	-	-	-	-	-	-	-	106
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	20,146	-	-	-	-	-	-	-	-	-	-	-	-	20,146
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	49,619	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	1,323	65,496
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,381,594)	-	-	-	-	-	-	-	-	-	-	-	(377,221)	(1,758,815)
825: Closing Cost of Removal	(35,016)	-	-	-	-	-	-	-	-	-	-	-	(11,426)	(46,442)
Project Net	811	31,793	31,898	32,006	32,112	32,221	32,331	32,436	32,546	32,660	32,766	32,879	(355,648)	811

Project No: 65006010 San Juan Vail
Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

Estimated Start Date 10/9/2008
Estimated Completion Date 12/31/2027

<u>County %</u>		
	San Juan	25%
	McKinley	25%
	Cibola	10%
	Catron	40%

Description
 Tucson Electric Power (TEP) manages several facilities in San Juan, McKinley, Cibola, and Catron county that are jointly owned with PNM Resources. The scope of this project is to cover any ongoing capital improvements to be completed by TEP on behalf of all joint owners.

Project Need Justification
 PNM is contractually obligated to share in the costs of any capital improvements of these systems. Specifically, PNM's percentage of ownership requires that it contributes funds for capital improvements. Additionally, components of these jointly-owned facilities are part of PNM's bulk transmission system. If components at these facilities fail, then system reliability for PNM customers can be compromised.

Project Alternatives
 The only alternative to this project is the do-nothing approach. This approach was not considered because PNM is contractually obligated to contribute funds for capital improvements.

Project Estimate Approach
 Estimates for these projects were developed by TEP, and then provided to PNM through the joint owner Capital Budget Items (CBI) process. PNM independently reviews each of these projects and provides approval.

Customer Benefit
 The TEP San Juan Vail facilities are interconnected to PNM's systems at several places to form part of the bulk transmission system that provides power to PNM's customers. By funding capital improvement projects, PNM can ensure that the TEP systems that PNM customers depend on are reliable.

Primary Value Driver Reliability
Safety

Reliability By funding ongoing capital improvements, PNM can ensure that TEP facilities are fully functional and reliable.

System Performance

Security

Compliance

Environmental

Project No:	65006010 San Juan Vail							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	59,632	1,000	1,000	1,500	1,500	1,000	1,000	66,632
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	3	-	-	-	-	-	-	3
370: Outside Services	2,596,483	-	-	-	-	-	-	2,596,483
374: Outside Services Legal	32,957	-	-	-	-	-	-	32,957
377: Outside Svcs-Temp Labor	57,525	-	-	-	-	-	-	57,525
391: Jt Proj Bill to PNM -N Lab	5,411,377	50,000	50,000	50,000	20,000	50,000	50,000	5,681,377
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	8,401	-	-	-	-	-	-	8,401
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,324	76	76	114	114	76	76	4,854
914: Pension and Benefits	16,367	215	215	323	323	215	215	17,873
915: Injuries and Damages	4,366	86	86	128	128	86	86	4,965
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	9,003	-	-	-	-	-	-	9,003
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	2,055	2,055	2,083	883	2,055	2,055	11,185
926: A&G Loads	66,958	418	418	422	176	418	418	69,229
928: AFUDC Debt	298,276	37	111	186	240	294	369	299,512
929: AFUDC Equity	346,703	89	266	445	575	705	885	349,668
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(8,722,044)	-	-	-	-	-	(288,500)	(9,010,544)
825: Closing Cost of Removal	(190,378)	-	-	-	-	-	(8,745)	(199,123)
Project Net	(48)	53,975	54,227	55,201	23,939	54,848	(242,141)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	66,632	1,000	1,500	1,500	1,000	1,000	1,000	1,000	1,000	1,500	1,500	1,000	1,000	80,632
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	3	-	-	-	-	-	-	-	-	-	-	-	-	3
370: Outside Services	2,596,483	-	-	-	-	-	-	-	-	-	-	-	-	2,596,483
374: Outside Services Legal	32,957	-	-	-	-	-	-	-	-	-	-	-	-	32,957
377: Outside Svcs-Temp Labor	57,525	-	-	-	-	-	-	-	-	-	-	-	-	57,525
391: Jt Proj Bill to PNM -N Lab	5,681,377	50,000	50,000	50,000	50,000	20,000	50,000	50,000	50,000	50,000	20,000	50,000	50,000	6,221,377
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,401	-	-	-	-	-	-	-	-	-	-	-	-	8,401
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,854	75	113	113	75	75	75	75	75	113	113	75	75	5,908
914: Pension and Benefits	17,873	230	345	345	230	230	230	230	230	345	345	230	230	21,098
915: Injuries and Damages	4,965	100	149	149	100	100	100	100	100	149	149	100	100	6,358
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,003	-	-	-	-	-	-	-	-	-	-	-	-	9,003
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	11,185	2,570	2,605	2,605	2,570	1,070	2,570	2,570	2,570	2,605	1,105	2,570	2,570	39,169
926: A&G Loads	69,229	418	422	422	418	172	418	418	418	422	176	418	418	73,772
928: AFUDC Debt	299,512	56	169	284	398	479	561	676	792	908	994	1,079	1,196	307,104
929: AFUDC Equity	349,668	72	216	362	508	612	716	863	1,010	1,159	1,268	1,376	1,526	359,353
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,010,544)	-	-	-	-	-	-	-	-	-	-	-	(591,710)	(9,602,254)
825: Closing Cost of Removal	(199,123)	-	-	-	-	-	-	-	-	-	-	-	(17,766)	(216,889)
Project Net	(0)	54,521	55,521	55,781	55,300	23,739	55,671	55,932	56,195	57,202	25,651	56,848	(552,360)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	80,632	1,000	1,500	1,500	1,000	1,000	1,000	1,000	1,000	1,500	1,500	1,000	1,000	94,632
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	3	-	-	-	-	-	-	-	-	-	-	-	-	3
370: Outside Services	2,596,483	-	-	-	-	-	-	-	-	-	-	-	-	2,596,483
374: Outside Services Legal	32,957	-	-	-	-	-	-	-	-	-	-	-	-	32,957
377: Outside Svcs-Temp Labor	57,525	-	-	-	-	-	-	-	-	-	-	-	-	57,525
391: Jt Proj Bill to PNM -N Lab	6,221,377	50,000	50,000	50,000	50,000	20,000	50,000	50,000	50,000	50,000	20,000	50,000	50,000	6,761,377
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,401	-	-	-	-	-	-	-	-	-	-	-	-	8,401
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,908	75	113	113	75	75	75	75	75	113	113	75	75	6,962
914: Pension and Benefits	21,098	230	345	345	230	230	230	230	230	345	345	230	230	24,322
915: Injuries and Damages	6,358	100	149	149	100	100	100	100	100	149	149	100	100	7,751
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,003	-	-	-	-	-	-	-	-	-	-	-	-	9,003
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	39,169	2,570	2,605	2,605	2,570	1,070	2,570	2,570	2,570	2,605	1,105	2,570	2,570	67,153
926: A&G Loads	73,772	418	422	422	418	172	418	418	418	422	176	418	418	78,315
928: AFUDC Debt	307,104	47	143	240	337	405	474	572	669	768	840	912	1,011	313,524
929: AFUDC Equity	359,353	82	248	416	583	703	822	991	1,160	1,331	1,456	1,581	1,753	370,481
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,602,254)	-	-	-	-	-	-	-	-	-	-	-	(591,979)	(10,194,233)
825: Closing Cost of Removal	(216,889)	-	-	-	-	-	-	-	-	-	-	-	(17,766)	(234,655)
Project Net	-	54,523	55,526	55,791	55,313	23,756	55,691	55,956	56,223	57,235	25,686	56,887	(552,587)	(0)

Project No: 65006110 ANPP Transmission blanket

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

Estimated Start Date 10/9/2008
Estimated Completion Date 12/31/2027

County %		
	Catron	25%
	Cibola	25%
	McKinley	25%
	San Juan	25%

Description
PNM's participation in the Arizona Nuclear Power Project (ANPP), includes the transmission path (stations and lines) for PNM to access its share of the output from the generation facility. PNM is contractually obligated to share in the funding of the capital improvements/replacements associated with these facilities. These capital improvements/replacements typically include costs for Salt River Project (SRP) internal labor, external contract labor, equipment and materials associated with the replacement of failed equipment such as transformers, improvements to satisfy new regulatory requirements (e.g., installing card readers to control access to certain facilities for enhanced security), or improvements that improve reliability and/or safety conditions.

Project Need Justification
As a participant in ANPP, PNM has capacity rights in certain switching stations and transmission lines that represent the contractual path. The Engineering and Operating (E&O) committee considers the effect of specific proposals against the overall performance of the connected system. Capital improvements might involve any aspect of that path, and could include transmission structure replacement for improved clearances or breaker replacement at a station to obtain improved fault ratings.

Project Alternatives
As a member of the ANPP E&O committee, PNM meets regularly with the Operating Partner, SRP. SRP provides recommendations for capital projects and related cost estimates/schedules. PNM, along with other project participants, reviews, on a case-by-case basis, the need and timing as well as the estimated cost prior to project commitment.

Project Estimate Approach
SRP and Arizona Public Service Company are owners and operators of the ANPP. The ANPP operators typically provide budget estimates to the other owners that include both O&M and capital work. These budgets are composed of many projects needed to support the many 500kv and 230kv switchyard and transmission line projects that make up the ANPP Valley Transmission System. PNM utilize these budgets, if they are delivered in time for PNM's budget cycle, to inform the ANPP budgets. If not delivered in time, PNM utilizes prior year actuals to forecast these budget estimates.

Customer Benefit
Customer benefits are realized by the safe, reliable, environmentally compliant and cost-effective management of PNM's transmission assets.

Primary Value Driver Reliability

Safety

Reliability PNM is contractually obligated to share in the funding of the capital improvements/replacements associated with ANPP facilities. These improvements/replacements ensure reliable access to the generation output.

System Performance

Security

Compliance

Environmental

Project No:	65006110 ANPP Transmission blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	73,978	5,000	5,000	5,000	5,000	5,000	5,000	103,978
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	273,486	-	-	-	-	-	-	273,486
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,593	-	-	-	-	-	-	11,593
391: Jt Proj Bill to PNM -N Lab	5,262,915	-	-	150,000	-	-	150,000	5,562,915
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	(607)	-	-	-	-	-	-	(607)
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	172,354	-	-	-	-	-	-	172,354
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,458	379	379	379	379	379	379	7,729
914: Pension and Benefits	18,931	1,076	1,076	1,076	1,076	1,076	1,076	25,387
915: Injuries and Damages	5,351	428	428	428	428	428	428	7,919
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,887	-	-	-	-	-	-	1,887
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	275	275	6,275	275	275	6,275	13,652
926: A&G Loads	46,085	41	41	1,271	41	41	1,271	48,791
928: AFUDC Debt	104,508	285	297	264	383	395	514	106,645
929: AFUDC Equity	151,915	685	712	634	919	947	1,234	157,045
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,442,200)	-	(107,505)	-	-	-	(445,752)	(5,995,457)
825: Closing Cost of Removal	(460,328)	-	(13,345)	-	-	-	(23,643)	(497,316)
Project Net	225,325	8,169	(112,643)	165,327	8,501	8,540	(303,218)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	103,978	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	163,978
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	273,486	-	-	-	-	-	-	-	-	-	-	-	-	273,486
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,593	-	-	-	-	-	-	-	-	-	-	-	-	11,593
391: Jt Proj Bill to PNM -N Lab	5,562,915	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	6,202,915
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	(607)	-	-	-	-	-	-	-	-	-	-	-	-	(607)
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	172,354	-	-	-	-	-	-	-	-	-	-	-	-	172,354
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,729	377	377	377	377	377	377	377	377	377	377	377	377	12,247
914: Pension and Benefits	25,387	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	39,205
915: Injuries and Damages	7,919	498	498	498	498	498	498	498	498	498	498	498	498	13,889
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,887	-	-	-	-	-	-	-	-	-	-	-	-	1,887
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	13,652	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	49,867
926: A&G Loads	48,791	478	478	478	478	478	478	478	478	478	478	478	478	54,531
928: AFUDC Debt	106,645	66	198	330	464	332	465	599	734	467	601	736	871	112,508
929: AFUDC Equity	157,045	84	252	422	592	423	593	764	936	596	767	939	1,111	164,523
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,995,457)	-	-	-	(125,083)	-	-	-	(188,843)	-	-	-	(442,689)	(6,752,072)
825: Closing Cost of Removal	(497,316)	-	-	-	(3,831)	-	-	-	(5,747)	-	-	-	(13,410)	(520,304)
Project Net	(0)	64,005	64,305	64,607	(64,004)	64,610	64,913	65,218	(129,066)	64,919	65,223	65,530	(390,262)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	163,978	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	223,978
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	273,486	-	-	-	-	-	-	-	-	-	-	-	-	273,486
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,593	-	-	-	-	-	-	-	-	-	-	-	-	11,593
391: Jt Proj Bill to PNM -N Lab	6,202,915	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	53,333	6,842,915
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	(607)	-	-	-	-	-	-	-	-	-	-	-	-	(607)
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	172,354	-	-	-	-	-	-	-	-	-	-	-	-	172,354
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	12,247	377	377	377	377	377	377	377	377	377	377	377	377	16,765
914: Pension and Benefits	39,205	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	1,152	53,023
915: Injuries and Damages	13,889	498	498	498	498	498	498	498	498	498	498	498	498	19,859
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,887	-	-	-	-	-	-	-	-	-	-	-	-	1,887
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	49,867	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	3,018	86,082
926: A&G Loads	54,531	478	478	478	478	478	478	478	478	478	478	478	478	60,271
928: AFUDC Debt	112,508	56	167	279	392	280	393	506	620	395	508	622	737	117,465
929: AFUDC Equity	164,523	96	290	484	680	486	681	878	1,075	685	881	1,078	1,277	173,115
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,752,072)	-	-	-	(125,101)	-	-	-	(188,890)	-	-	-	(442,831)	(7,508,894)
825: Closing Cost of Removal	(520,304)	-	-	-	(3,831)	-	-	-	(5,747)	-	-	-	(13,410)	(543,292)
Project Net	0	64,007	64,312	64,619	(64,006)	64,622	64,930	65,239	(129,086)	64,935	65,245	65,556	(390,372)	-

Project No: 65006210 SW NM Transmission Blanket

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

Estimated Start Date 10/9/2008
Estimated Completion Date 12/31/2027

County %	Hidalgo	25%
	Grant	25%
	Luna	25%
	Dona Ana	25%

Description
The purpose of this project is to fund ongoing capital projects at jointly-owned facilities with El Paso Electric and Tucson Electric Power. One utility is the primary operator of the facilities, and capital expenditures at those facilities are coordinated with all owners using the joint owner Capital Budget Items (CBI) process.

Project Need Justification
The facilities in question are jointly owned with El Paso Electric and Tucson Electric Power. PNM is required to contribute to any ongoing capital projects. Additionally, should any aging and functionally obsolete component fail, system reliability for PNM customers can be compromised.

Project Alternatives
There are currently no alternatives to this project. No alternatives were considered because PNM is required to contribute to the funding of these projects per its ownership status.

Project Estimate Approach
The cost estimates for these projects are developed by evaluating information provided from the operating utilities, as well as traditional annual spend rates.

Customer Benefit
Ensuring that portions of PNM jointly-owned facilities are replaced/upgraded as needed drives reliability of these facilities. Customers directly benefit from this system reliability.

Primary Value Driver Reliability

Safety

Reliability Ensuring that portions of PNM jointly-owned facilities are replaced/upgraded as needed drives reliability of these facilities.

System Performance

Security

Compliance

Environmental

Project No:	65006210 SW NM Transmission Blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	163,740	-	-	-	-	-	-	163,740
120: Overtime-General	74,118	-	-	-	-	-	-	74,118
350: Material Issues-Major	266,386	-	-	-	-	-	-	266,386
370: Outside Services	2,329,833	-	-	-	-	-	-	2,329,833
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	5,903,697	50,000	-	100,000	-	50,000	100,000	6,203,697
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	244,698	-	2,000	-	-	2,000	-	248,698
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,298	-	-	-	-	-	-	18,298
914: Pension and Benefits	60,868	-	-	-	-	-	-	60,868
915: Injuries and Damages	17,814	-	-	-	-	-	-	17,814
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,759	-	-	-	-	-	-	8,759
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	11,323	2,000	80	4,000	-	2,080	4,000	23,483
926: A&G Loads	60,803	410	16	820	-	426	820	63,296
928: AFUDC Debt	117,836	1,363	1,407	426	499	539	651	122,722
929: AFUDC Equity	212,810	3,272	3,378	1,022	1,199	1,294	1,562	224,536
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(8,066,978)	-	(751,820)	-	-	-	(514,021)	(9,332,819)
825: Closing Cost of Removal	(14,538)	-	(353,226)	-	-	-	(125,666)	(493,430)
Project Net	1,409,468	57,046	(1,098,165)	106,267	1,698	56,340	(532,654)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	163,740	1,000	-	-	-	-	-	-	-	-	-	-	-	164,740
120: Overtime-General	74,118	-	-	-	-	-	-	-	-	-	-	-	-	74,118
350: Material Issues-Major	266,386	-	-	-	-	-	-	-	-	-	-	-	-	266,386
370: Outside Services	2,329,833	-	-	-	-	-	-	-	-	-	-	-	-	2,329,833
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	6,203,697	-	50,000	-	100,000	-	-	50,000	-	55,000	-	55,000	55,000	6,568,697
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	248,698	-	2,000	-	-	2,000	-	-	2,000	-	-	2,000	-	256,698
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,298	75	-	-	-	-	-	-	-	-	-	-	-	18,373
914: Pension and Benefits	60,868	230	-	-	-	-	-	-	-	-	-	-	-	61,099
915: Injuries and Damages	17,814	100	-	-	-	-	-	-	-	-	-	-	-	17,914
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,759	-	-	-	-	-	-	-	-	-	-	-	-	8,759
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	23,483	70	2,600	-	5,000	100	-	2,500	100	2,750	-	2,850	2,750	42,203
926: A&G Loads	63,296	8	426	-	820	16	-	410	16	451	-	467	451	66,363
928: AFUDC Debt	122,722	2	60	117	227	339	343	399	458	176	236	300	423	125,800
929: AFUDC Equity	224,536	2	76	149	289	432	437	509	584	224	302	382	540	228,462
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,332,819)	-	-	-	-	-	-	-	(162,982)	-	-	-	(228,328)	(9,724,129)
825: Closing Cost of Removal	(493,430)	-	-	-	-	-	-	-	(4,938)	-	-	-	(6,948)	(505,316)
Project Net	(0)	1,487	55,163	266	106,335	2,888	780	53,818	(164,763)	58,600	538	60,999	(176,111)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	164,740	1,000	-	-	-	-	-	-	-	-	-	-	-	165,740
120: Overtime-General	74,118	-	-	-	-	-	-	-	-	-	-	-	-	74,118
350: Material Issues-Major	266,386	-	-	-	-	-	-	-	-	-	-	-	-	266,386
370: Outside Services	2,329,833	-	-	-	-	-	-	-	-	-	-	-	-	2,329,833
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	6,568,697	-	50,000	-	100,000	-	-	50,000	-	55,000	-	55,000	55,000	6,933,697
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	256,698	-	2,000	-	-	2,000	-	-	2,000	-	-	2,000	-	264,698
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,373	75	-	-	-	-	-	-	-	-	-	-	-	18,448
914: Pension and Benefits	61,099	230	-	-	-	-	-	-	-	-	-	-	-	61,329
915: Injuries and Damages	17,914	100	-	-	-	-	-	-	-	-	-	-	-	18,013
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,759	-	-	-	-	-	-	-	-	-	-	-	-	8,759
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	42,203	70	2,600	-	5,000	100	-	2,500	100	2,750	-	2,850	2,750	60,924
926: A&G Loads	66,363	8	426	-	820	16	-	410	16	451	-	467	451	69,430
928: AFUDC Debt	125,800	1	51	99	191	286	290	337	387	148	200	253	358	128,402
929: AFUDC Equity	228,462	2	88	171	332	497	502	585	671	257	346	439	620	232,973
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,724,129)	-	-	-	-	-	-	-	(163,034)	-	-	-	(228,385)	(10,115,548)
825: Closing Cost of Removal	(505,316)	-	-	-	-	-	-	-	(4,938)	-	-	-	(6,948)	(517,202)
Project Net	0	1,487	55,165	270	106,343	2,899	792	53,832	(164,798)	58,607	546	61,010	(176,153)	(0)

Project No: 65007010 Misc. Station Improvements

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 10/9/2008

Estimated Completion Date 12/31/2027

Description

This is a blanket project to address ongoing capital projects at transmission substations. Specifically, this project addresses station equipment that is failing, obsolete, cannot be readily repaired, or no longer supports modern safety and reliability requirements. Typical work may include equipment replacement, bushing replacements, adding or replacing surge arrestors, switch operator ground mats, or isolation switch replacements.

Project Need Justification

Equipment at transmission stations is currently either aging or functionally obsolete. Additionally, equipment might have unfavorable ergonomics that do not support worker safety. Furthermore, some equipment requires frequent yearly maintenance operations, contributing to system reliability issues and downtime.

Project Alternatives

The specific work that will be performed will be determined based on the conditions of the equipment at each substation. Once needs have been identified, potential solutions and alternatives will be identified. Evaluation of solutions includes long term maintainability, meeting safety or code requirements, compliance, ability to meet system performance requirements now and in the future, ability to address schedule requirements, and costs. Alternatives will be assessed on a case-by-case basis at the work order level.

Project Estimate Approach

Cost estimates are prepared on a per-task basis. Estimates typically include major equipment prices from master agreements, and minor material and construction costs from previous similar work or competitive bids. On unique or specialty projects, vendor quotes are secured prior to authorizing work. PNM reviewed historical spend on an annual basis across the last five years to develop the future budget. In addition to the historical funding, PNM also looked at trends which are developing on the system, equipment which is nearing end of productive life, changes in compliance, environmental, and safety requirements, and results from inspections and testing, all of which need to be considered when estimating budgets and implementing projects. There is a slight uptick in anticipated spend due to the age of system, and added compliance issues, which will also necessitate upgrades and replacements. These estimates also include some funds to address emergent issues such as unforeseen failures.

Customer Benefit

Customer customer satisfaction is increased due to faster restoration times and reduced interruptions.

Primary Value Driver

Reliability

Safety

Replacing aging equipment will mitigate risks of public and PNM personnel safety incidents. Additionally, these enhancements will mitigate any damage to public property as a result of component failure and degradation.

Reliability

Replacing aging equipment mitigates component failure, and therefore system downtime. This positive impact to system reliability will be reflected in the System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:	Misc. Station Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	595,343	-	-	-	-	-	-	595,343
120: Overtime-General	233,319	-	-	-	-	-	-	233,319
350: Material Issues-Major	953,643	-	-	-	-	-	-	953,643
370: Outside Services	3,362,824	29,000	29,000	29,000	29,000	29,000	31,000	3,538,824
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	16,008	-	-	-	-	-	-	16,008
391: Jt Proj Bill to PNM -N Lab	(82,208)	-	-	-	-	-	-	(82,208)
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	204,637	-	-	-	-	-	-	204,637
805: Land and Land Rights	3,000	-	-	-	-	-	-	3,000
807: Non Refundable Contrib	(426,181)	-	-	-	-	-	-	(426,181)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	60,259	-	-	-	-	-	-	60,259
914: Pension and Benefits	224,294	-	-	-	-	-	-	224,294
915: Injuries and Damages	59,071	-	-	-	-	-	-	59,071
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	27,673	-	-	-	-	-	-	27,673
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	375,921	1,160	1,160	1,160	1,160	1,160	1,240	382,961
926: A&G Loads	383,278	1,148	1,148	1,148	1,148	1,148	1,228	390,247
928: AFUDC Debt	182,257	21	64	108	151	195	240	183,036
929: AFUDC Equity	227,285	51	155	258	362	467	576	229,155
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(6,082,433)	-	-	-	-	-	(74,783)	(6,157,217)
825: Closing Cost of Removal	(319,358)	-	-	-	-	-	(1,733)	(321,091)
Project Net	(1,368)	31,381	31,527	31,674	31,822	31,970	(42,233)	114,774

Project No:	Misc. Station Improvements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	595,343	-	-	-	-	-	-	-	-	-	-	-	-	595,343
120: Overtime-General	233,319	-	-	-	-	-	-	-	-	-	-	-	-	233,319
350: Material Issues-Major	953,643	-	-	-	-	-	-	-	-	-	-	-	-	953,643
370: Outside Services	3,538,824	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	30,000	3,887,824
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	16,008	-	-	-	-	-	-	-	-	-	-	-	-	16,008
391: Jt Proj Bill to PNM -N Lab	(82,208)	-	-	-	-	-	-	-	-	-	-	-	-	(82,208)
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	204,637	-	-	-	-	-	-	-	-	-	-	-	-	204,637
805: Land and Land Rights	3,000	-	-	-	-	-	-	-	-	-	-	-	-	3,000
807: Non Refundable Contrib	(426,181)	-	-	-	-	-	-	-	-	-	-	-	-	(426,181)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	60,259	-	-	-	-	-	-	-	-	-	-	-	-	60,259
914: Pension and Benefits	224,294	-	-	-	-	-	-	-	-	-	-	-	-	224,294
915: Injuries and Damages	59,071	-	-	-	-	-	-	-	-	-	-	-	-	59,071
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	27,673	-	-	-	-	-	-	-	-	-	-	-	-	27,673
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	382,961	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,500	400,411
926: A&G Loads	390,247	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,077	402,776
928: AFUDC Debt	183,036	271	337	404	471	538	605	417	484	551	619	687	756	189,176
929: AFUDC Equity	229,155	346	430	515	600	686	772	532	617	703	789	876	965	236,987
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,157,217)	-	-	-	-	-	-	(120,572)	-	-	-	-	(373,185)	(6,650,973)
825: Closing Cost of Removal	(321,091)	-	-	-	-	-	-	(3,307)	-	-	-	-	(10,661)	(335,060)
Project Net	114,774	32,108	32,258	32,410	32,562	32,715	(91,010)	32,440	32,592	32,745	32,899	33,054	(349,549)	(0)

Project No:	Misc. Station Improvements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	595,343	-	-	-	-	-	-	-	-	-	-	-	-	595,343
120: Overtime-General	233,319	-	-	-	-	-	-	-	-	-	-	-	-	233,319
350: Material Issues-Major	953,643	-	-	-	-	-	-	-	-	-	-	-	-	953,643
370: Outside Services	3,887,824	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	30,000	4,236,824
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	16,008	-	-	-	-	-	-	-	-	-	-	-	-	16,008
391: Jt Proj Bill to PNM -N Lab	(82,208)	-	-	-	-	-	-	-	-	-	-	-	-	(82,208)
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	204,637	-	-	-	-	-	-	-	-	-	-	-	-	204,637
805: Land and Land Rights	3,000	-	-	-	-	-	-	-	-	-	-	-	-	3,000
807: Non Refundable Contrib	(426,181)	-	-	-	-	-	-	-	-	-	-	-	-	(426,181)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	60,259	-	-	-	-	-	-	-	-	-	-	-	-	60,259
914: Pension and Benefits	224,294	-	-	-	-	-	-	-	-	-	-	-	-	224,294
915: Injuries and Damages	59,071	-	-	-	-	-	-	-	-	-	-	-	-	59,071
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	27,673	-	-	-	-	-	-	-	-	-	-	-	-	27,673
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	400,411	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,450	1,500	417,861
926: A&G Loads	402,776	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,305	417,958
928: AFUDC Debt	189,176	28	83	139	195	251	307	364	421	479	536	28	84	192,090
929: AFUDC Equity	236,987	48	144	240	337	435	533	631	730	830	930	48	146	242,039
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,650,973)	-	-	-	-	-	-	-	-	-	(315,263)	-	-	(6,966,236)
825: Closing Cost of Removal	(335,060)	-	-	-	-	-	-	-	-	-	(9,514)	-	-	(344,573)
Project Net	(0)	31,787	31,939	32,091	32,244	32,397	32,552	32,707	32,863	33,020	(291,599)	31,787	33,035	64,822

Project No: 65007023 West Mesa 345kV Bus Reconfiguration

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2023

Estimated Completion Date 12/1/2025

Description
A failure of a single element at the West Mesa 345 kV station can result in the loss of two transformers which assist in serving the load in the City of Albuquerque and the surrounding areas. The purpose of this project is to reconfiguration the West Mesa 345 kV station to eliminate the common mode failure.

Project Need Justification
The failure of a breaker to operate currently results in the loss of a 345 kV line and 345/115 kV transformer. During period of high loads, the loss of these elements results in an overload of another 345/115 kV transformer at West Mesa. Additional generation resources and/or load shedding are required to alleviate the overload. Installation of additional 345 kV circuit breakers allow the station to be reconfigured to eliminate the common mode failure.

Project Alternatives
Do-nothing would result in the need to run load side generation. If enough load side generation is not available, load in the City of Albuquerque and the surrounding areas would need to be shed. Other transmission improvements, like additional transformers and 345 kV lines, would take longer to implement leaving the load at risk for being shed.

Project Estimate Approach
The cost estimate was developed using standard procedure used by System Engineering. Basic material costs were estimated using actual costs of past projects. Figures from these past projects were updated periodically, ensuring accuracy. Labor and contractor estimates were developed by evaluating similar past projects.

Customer Benefit
Customers will benefit from increased electric grid reliability. Eliminating the common mode failure mitigates the risk of cost associated with dispatching additional generation and risk of shedding load.

Primary Value Driver Reliability

Safety

Reliability This project aims to increase system reliability by mitigating a common mode failure which results in overloaded equipment during periods of high loads.

System Performance

Security

Compliance This project ensures PNM continues to meet system performance criteria defined in Table 1 in North American Electric Reliability Corporation (NERC) standard TPL-001-4.

Environmental

Project No:	65007023 West Mesa 345kV Bus Reconfiguration							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	4,986	14,253	14,253	14,253	14,253	14,253	14,253	14,253	14,253	14,253	14,253	147,511
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	176,065	176,065	176,065	176,065	176,065	176,065	176,065	176,065	176,065	176,065	1,760,651
370: Outside Services	-	-	44,873	44,873	44,873	44,873	44,873	44,873	44,873	44,873	44,873	44,873	44,873	493,607
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	375	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	11,108
914: Pension and Benefits	-	-	1,148	3,282	3,282	3,282	3,282	3,282	3,282	3,282	3,282	3,282	3,282	33,972
915: Injuries and Damages	-	-	496	1,418	1,418	1,418	1,418	1,418	1,418	1,418	1,418	1,418	1,418	14,677
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	12,846	12,846	12,846	12,846	12,846	12,846	12,846	12,846	12,846	12,846	128,457
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	2,594	12,048	12,048	12,048	12,048	12,048	12,048	12,048	12,048	12,048	12,048	123,076
926: A&G Loads	-	-	1,790	8,443	8,443	8,443	8,443	8,443	8,443	8,443	8,443	8,443	8,443	86,224
928: AFUDC Debt	-	-	58	399	967	1,537	2,110	2,686	3,265	3,846	4,430	5,018	5,608	29,924
929: AFUDC Equity	-	-	74	509	1,233	1,961	2,692	3,426	4,165	4,906	5,652	6,401	7,153	38,172
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(2,783,400)	(2,783,400)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(83,978)	(83,978)
Project Net	-	-	56,395	275,210	276,502	277,800	279,104	280,415	281,731	283,055	284,384	285,720	(2,580,316)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	147,511	-	-	-	-	-	-	-	-	-	-	-	-	147,511
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,760,651	-	-	-	-	-	-	-	-	-	-	-	-	1,760,651
370: Outside Services	493,607	-	-	-	-	-	-	-	-	-	-	-	-	493,607
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,108	-	-	-	-	-	-	-	-	-	-	-	-	11,108
914: Pension and Benefits	33,972	-	-	-	-	-	-	-	-	-	-	-	-	33,972
915: Injuries and Damages	14,677	-	-	-	-	-	-	-	-	-	-	-	-	14,677
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	128,457	-	-	-	-	-	-	-	-	-	-	-	-	128,457
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	123,076	-	-	-	-	-	-	-	-	-	-	-	-	123,076
926: A&G Loads	86,224	-	-	-	-	-	-	-	-	-	-	-	-	86,224
928: AFUDC Debt	29,924	-	-	-	-	-	-	-	-	-	-	-	-	29,924
929: AFUDC Equity	38,172	-	-	-	-	-	-	-	-	-	-	-	-	38,172
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,783,400)	-	-	-	-	-	-	-	-	-	-	-	-	(2,783,400)
825: Closing Cost of Removal	(83,978)	-	-	-	-	-	-	-	-	-	-	-	-	(83,978)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65007110 Misc. Transmission Blanket

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 10/9/2008

Estimated Completion Date 12/31/2027

Description
This blanket project addresses multiple ongoing projects aimed at improving reliability, maintainability, and enhancing the safe operation of transmission lines. PNM routinely inspects its transmission lines and identifies equipment or materials that need to be repaired or replaced. This work is prioritized based on risk to the operation of the system. Specifically, modifications involve replacing damaged porcelain insulators with more robust non-ceramic insulators, installing modular steel truss tops to replace failed wood cross-arms and braces, replacing structures to provide enhanced clearances, and installing new line sectionalizing switches to provide more reliable and safe switching operations.

Project Need Justification
The PNM transmission lines that are the subject of this project currently contain components that need replacement and repair. Certain components on transmission lines have developed unsafe conditions for PNM personnel and the public. Additionally, these components have had negative impacts on system reliability and facility security.

Project Alternatives
Alternatives for projects are considered on a case-by-case basis. Alternatives considered might include the do-nothing approach, or a risk-of-failure assessment. For example, improved materials such as polymer insulators or prefabricated steel truss framing are typically used to replaced original line material. Driven steel groundline pole reinforcing may be chosen as an alternative to complete replacement of a rotten wood pole due to its improved strength and durability.

Project Estimate Approach
The budget is developed from historical spend over the past two years with trending based on input from line inspection reports. Pole ground line inspection was estimated at 2-5% replacement rate per 1000 poles inspected. Pole replacement costs included remote access and possible live line work for the installation. This was approximately a 30% increase to the budget. Overall budget breakdown is approximately 40% material, 30% contract construction, and 30% internal PNM labor including construction crews and support (environmental, engineering, and permitting). All work was assumed in existing easements. While specific jobs are unknown at this time, inspection data may help predict the volume of certain work, such as pole replacements. Detailed and specific cost estimates are prepared on a per-task basis as work orders are created. Estimates typically include major equipment prices from master agreements, and minor material and construction costs from previous similar work or competitive bids. Overall spend is tracked quarterly and adjusted to reflect timing of specific tasks.
Lastly, funds are budgeted for higher risk items, as well as for unforeseen failures that may be caused by weather, vandalism, pole hits, etc.

Customer Benefit
This project aims to address components in need of repair or replacement. By addressing these concerns, system disruption and downtime related to transmission lines will decrease. This decrease will directly benefit customers.

Primary Value Driver Reliability

Safety Addressing transmission line components will mitigate risks of employee and public safety accidents. Additionally, damage to public property will be avoided due to improved reliability and maintainability.

Reliability Addressing components in need of replacement and repair will have a positive impact on downtime and disruptions. This improvement will be reflected in an improved System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:	65007110 Misc. Transmission Blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,629,744	10,000	10,000	10,000	10,000	10,000	10,000	1,689,744
120: Overtime-General	1,064,020	1,500	1,500	1,500	1,500	1,500	1,500	1,073,020
350: Material Issues-Major	4,264,891	25,000	25,000	25,000	25,000	25,000	25,000	4,414,891
370: Outside Services	7,145,228	69,250	69,250	69,250	69,250	69,250	69,250	7,560,728
374: Outside Services Legal	21,820	-	-	-	-	-	-	21,820
377: Outside Svcs-Temp Labor	-	5,000	5,000	5,000	5,000	5,000	5,000	30,000
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	2,170,577	-	-	-	-	-	-	2,170,577
805: Land and Land Rights	4,712	-	-	-	-	-	-	4,712
807: Non Refundable Contrib	(3,102,111)	-	-	-	-	-	-	(3,102,111)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	203,266	871	871	871	871	871	871	208,490
914: Pension and Benefits	696,200	2,475	2,475	2,475	2,475	2,475	2,475	711,049
915: Injuries and Damages	207,880	984	984	984	984	984	984	213,786
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	103,167	1,829	1,829	1,829	1,829	1,829	1,829	114,139
922: Minor Material Load	1	-	-	-	-	-	-	1
925: E&S Loads	832,153	4,603	4,603	4,603	4,603	4,603	4,603	859,772
926: A&G Loads	871,079	4,386	4,386	4,386	4,386	4,386	4,386	897,393
928: AFUDC Debt	167,598	4,427	1,220	1,398	1,577	1,757	1,938	179,916
929: AFUDC Equity	323,486	10,626	2,928	3,356	3,786	4,218	4,652	353,050
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(11,259,936)	(2,412,943)	-	-	-	-	(1,441,746)	#####
825: Closing Cost of Removal	(1,511,234)	(567,176)	-	-	-	-	(207,943)	(2,286,354)
Project Net	3,832,542	(2,839,169)	130,045	130,651	131,260	131,872	(1,517,202)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,689,744	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	1,809,744
120: Overtime-General	1,073,020	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,091,020
350: Material Issues-Major	4,414,891	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	4,714,891
370: Outside Services	7,560,728	150,000	150,000	150,000	150,000	150,000	250,000	250,000	250,000	150,000	150,000	150,000	142,000	9,752,728
374: Outside Services Legal	21,820	-	-	-	-	-	-	-	-	-	-	-	-	21,820
377: Outside Svcs-Temp Labor	30,000	-	-	-	6,000	5,000	5,000	5,000	5,000	5,000	-	5,000	5,000	71,000
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,170,577	-	-	-	-	-	-	-	-	-	-	-	-	2,170,577
805: Land and Land Rights	4,712	-	-	-	-	-	-	-	-	-	-	-	-	4,712
807: Non Refundable Contrib	(3,102,111)	-	-	-	-	-	-	-	-	-	-	-	-	(3,102,111)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	208,490	866	866	866	866	866	866	866	866	866	866	866	866	218,881
914: Pension and Benefits	711,049	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	742,831
915: Injuries and Damages	213,786	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	227,517
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	114,139	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	136,027
922: Minor Material Load	1	-	-	-	-	-	-	-	-	-	-	-	-	1
925: E&S Loads	859,772	9,558	9,558	9,558	9,558	9,558	14,808	14,808	14,808	14,808	9,808	9,558	9,808	996,118
926: A&G Loads	897,393	6,695	6,695	6,695	6,911	10,465	10,465	10,465	10,465	6,875	6,695	6,875	6,588	993,282
928: AFUDC Debt	179,916	216	648	1,083	1,526	1,211	1,884	2,560	1,060	1,619	2,064	2,511	2,957	199,256
929: AFUDC Equity	353,050	275	827	1,381	1,947	1,545	2,403	3,265	1,352	2,066	2,633	3,204	3,772	377,722
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(15,114,625)	-	-	-	(413,030)	-	-	(1,024,929)	-	-	-	-	(1,497,648)	(18,050,231)
825: Closing Cost of Removal	(2,286,354)	-	-	-	(12,652)	-	-	(31,309)	-	-	-	-	(45,470)	(2,375,785)
Project Net	-	209,727	210,711	211,700	(206,457)	326,012	327,543	(727,157)	325,667	218,351	213,934	220,381	(1,330,411)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,809,744	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	1,929,744
120: Overtime-General	1,091,020	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,109,020
350: Material Issues-Major	4,714,891	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	5,014,891
370: Outside Services	9,752,728	150,000	150,000	150,000	150,000	214,000	250,000	250,000	250,000	250,000	150,000	150,000	100,000	11,966,728
374: Outside Services Legal	21,820	-	-	-	-	-	-	-	-	-	-	-	-	21,820
377: Outside Svcs-Temp Labor	71,000	-	-	-	4,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	115,000
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,170,577	-	-	-	-	-	-	-	-	-	-	-	-	2,170,577
805: Land and Land Rights	4,712	-	-	-	-	-	-	-	-	-	-	-	-	4,712
807: Non Refundable Contrib	(3,102,111)	-	-	-	-	-	-	-	-	-	-	-	-	(3,102,111)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	218,881	866	866	866	866	866	866	866	866	866	866	866	866	229,272
914: Pension and Benefits	742,831	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	2,648	774,612
915: Injuries and Damages	227,517	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	241,248
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	136,027	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	157,915
922: Minor Material Load	1	-	-	-	-	-	-	-	-	-	-	-	-	1
925: E&S Loads	996,118	9,558	9,558	9,558	9,758	13,008	14,808	14,808	14,808	14,808	9,808	9,808	7,308	1,133,713
926: A&G Loads	893,282	8,113	8,113	8,113	8,287	11,114	12,680	12,680	12,680	12,680	8,330	8,330	6,155	1,110,558
928: AFUDC Debt	199,256	184	552	922	742	1,183	1,721	787	1,358	1,932	2,414	2,802	3,145	216,998
929: AFUDC Equity	377,722	318	956	1,598	1,287	2,050	2,984	1,364	2,354	3,349	4,184	4,858	5,452	408,477
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(18,050,231)	-	-	(308,765)	-	-	(840,403)	-	-	-	-	-	(1,837,132)	(21,036,531)
825: Closing Cost of Removal	(2,375,785)	-	-	(9,479)	-	-	(25,708)	-	-	-	-	-	(55,672)	(2,466,644)
Project Net	-	211,155	212,161	(105,072)	217,056	289,338	(535,935)	327,622	329,184	330,753	222,719	223,781	(1,722,762)	-

Project No: 65007119 Asset Health Monitoring_Event Rptg

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2019

Estimated Completion Date 1/30/2024

Description

PNM has architecture and infrastructure to retrieve real-time asset data from transmission stations. This monitoring system tracks equipment condition in order to optimize maintenance plans to utilize resources when needed, rather than on time intervals. Additionally, this monitoring system allows for maintenance intervention, or a controlled scheduled outage prior to a contingency (element/component failure), therefore minimizing time-intensive repairs and disruptions.

Over the past two years, PNM has installed several gas analyzers on transmission transformers at several stations. Dissolved gas analysis is a critical component in assessing the health of a transformer. As the concentrations of dissolved gases in the transformer oil increases, the health of the asset decreases. The purpose of this project is to leverage existing infrastructure and install additional transformer sensors to support dissolved gas analysis and maintain asset health. Furthermore, implementation of monitoring of station assets such as battery and circuit breaker in addition to transformers will aid in assessing asset health and facilitate condition-based maintenance.

Project Need Justification

Within the past two years, PNM has installed several dissolved gas analyzers on transmission transformers at stations in the Albuquerque Metropolitan area. This year PNM is continuing to deploy additional analyzers in the northern, western and southern areas of the system. PNM's expanding system necessitates more frequent data collection to minimize system downtime and disruptions through providing the information necessary to more effectively and efficiently assess the condition health of station assets. Additionally, asset health monitoring will aid in achieving a condition-based maintenance program to move away from time-based maintenance thus alleviating the operations and maintenance (O&M) costs associated to such time-based maintenance intervals.

Project Alternatives

The only alternative to this approach is to continue utilizing the time-based maintenance model. This alternative was not considered because it is not proactive in mitigating component health issues. Additionally, this model can lead to unnecessary costs and resource-utilization as the system grows. Further, this model is not as cost-effective as implementing the enhancements of this project.

Project Estimate Approach

The cost estimate of this project was developed by evaluating past similar projects. This project is a continuation of past monitoring projects, and thus includes aspects of their cost estimates. Specifically, the scope of equipment, labor required, and contractor information was evaluated.

Customer Benefit

By leveraging existing assets and installing transformer sensors, PNM will be able to collect asset data far more frequently. Doing so enables PNM to be proactive in detecting potential contingencies. By doing this, PNM can minimize system downtime and disruptions, therefore improving system reliability. By minimizing downtime, PNM personnel will be able to direct more time toward addressing customer needs. By implementing these enhancements, customers will benefit from a more reliable system, and better time-allocation from PNM personnel.

Primary Value Driver System Performance

Safety

Reliability Asset health monitoring will enable PNM to detect signs of failure or degradation proactively. Specifically, new transformer sensors allow PNM to collect asset health data more frequently. This system allows maintenance plans to be optimized by utilizing resources on assets that need attention, rather than on time intervals. Additionally, this new maintenance plan will allow PNM to address degradation prior to contingencies and disruptions. By minimizing system downtime and disruptions, the enhancements will have a positive impact on system reliability.

System Performance Utilizing the data collected from the asset monitoring system and event reporting allows for an increased awareness of PNM personnel and public safety. Furthermore, accurate and comprehensive data can lead to early warnings in potential safety-critical concerns which can lead to accident prevention. Therefore, installation of an asset monitoring system will positively impact many areas of operations in terms of asset reliability, availability, maintainability, and safety.

Security

Compliance This solution aids in adding additional "monitoring" controls on our Bulk Electric System (BES). By doing so, these enhancements will ensure compliance with North American Reliability Corporation (NERC) requirements within PRC-005, related to protection and control, and FAC-501, related to facilities design, connections and maintenance.

Environmental

Project No:	65007119 Asset Health Monitoring_Event Rptg							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	462,541	3,916	3,916	3,916	3,916	3,916	3,916	486,037
120: Overtime-General	130,809	-	-	-	-	-	-	130,809
350: Material Issues-Major	3,386,254	-	-	475,000	-	-	-	3,861,254
370: Outside Services	2,074,565	39,167	39,167	304,815	39,167	39,167	39,167	2,575,213
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	188,131	-	-	-	-	-	-	188,131
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	45,607	296	296	296	296	296	296	47,385
914: Pension and Benefits	144,626	843	843	843	843	843	843	149,682
915: Injuries and Damages	47,217	335	335	335	335	335	335	49,228
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	16,909	-	-	34,746	-	-	-	51,655
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	489,525	1,782	1,782	31,408	1,782	1,782	1,782	529,845
926: A&G Loads	199,941	1,706	1,706	31,036	1,706	1,706	1,706	239,507
928: AFUDC Debt	57,550	1,405	1,477	2,122	2,769	2,848	2,928	71,099
929: AFUDC Equity	114,496	3,372	3,546	5,093	6,646	6,836	7,027	147,016
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(6,386,476)	-	-	-	-	-	(2,106,709)	(8,493,185)
825: Closing Cost of Removal	-	-	-	-	-	-	(33,679)	(33,679)
Project Net	971,696	52,822	53,069	889,610	57,461	57,730	(2,082,387)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	486,037	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	510,037
120: Overtime-General	130,809	-	-	-	-	-	-	-	-	-	-	-	-	130,809
350: Material Issues-Major	3,861,254	58,333	58,333	58,333	58,333	58,333	58,333	58,333	58,333	58,333	58,333	58,333	58,333	4,561,254
370: Outside Services	2,575,213	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	63,667	-	3,305,547
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	188,131	-	-	-	-	-	-	-	-	-	-	-	-	188,131
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	47,385	151	151	151	151	151	151	151	151	151	151	151	151	49,192
914: Pension and Benefits	149,682	461	461	461	461	461	461	461	461	461	461	461	461	155,209
915: Injuries and Damages	49,228	199	199	199	199	199	199	199	199	199	199	199	199	51,616
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	51,655	4,256	4,256	4,256	4,256	4,256	4,256	4,256	4,256	4,256	4,256	4,256	4,256	102,727
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	529,845	6,391	6,391	6,391	6,391	6,391	6,391	6,391	6,391	6,391	6,391	6,241	3,057	603,048
926: A&G Loads	239,507	4,559	4,559	4,559	4,559	4,559	4,559	4,559	4,559	4,559	4,559	4,452	2,166	291,718
928: AFUDC Debt	71,099	147	443	740	1,039	1,339	1,640	1,943	2,247	2,553	2,860	3,166	3,398	92,615
929: AFUDC Equity	147,016	188	565	944	1,325	1,708	2,092	2,478	2,867	3,257	3,649	4,038	4,335	174,462
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(8,493,185)	-	-	-	-	-	-	-	-	-	-	-	(1,640,286)	(10,133,471)
825: Closing Cost of Removal	(33,679)	-	-	-	-	-	-	-	-	-	-	-	(49,216)	(82,895)
Project Net	(0)	143,352	144,024	144,700	145,380	146,062	146,748	147,437	148,130	148,826	149,525	146,962	(1,611,147)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	510,037	-	-	-	-	-	-	-	-	-	-	-	-	510,037
120: Overtime-General	130,809	-	-	-	-	-	-	-	-	-	-	-	-	130,809
350: Material Issues-Major	4,561,254	-	-	-	-	-	-	-	-	-	-	-	-	4,561,254
370: Outside Services	3,305,547	-	-	-	-	-	-	-	-	-	-	-	-	3,305,547
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	188,131	-	-	-	-	-	-	-	-	-	-	-	-	188,131
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	49,192	-	-	-	-	-	-	-	-	-	-	-	-	49,192
914: Pension and Benefits	155,209	-	-	-	-	-	-	-	-	-	-	-	-	155,209
915: Injuries and Damages	51,616	-	-	-	-	-	-	-	-	-	-	-	-	51,616
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	102,727	-	-	-	-	-	-	-	-	-	-	-	-	102,727
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	603,048	-	-	-	-	-	-	-	-	-	-	-	-	603,048
926: A&G Loads	291,718	-	-	-	-	-	-	-	-	-	-	-	-	291,718
928: AFUDC Debt	92,615	-	-	-	-	-	-	-	-	-	-	-	-	92,615
929: AFUDC Equity	174,462	-	-	-	-	-	-	-	-	-	-	-	-	174,462
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	#####	-	-	-	-	-	-	-	-	-	-	-	-	(10,133,471)
825: Closing Cost of Removal	(82,895)	-	-	-	-	-	-	-	-	-	-	-	-	(82,895)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65007140 Long Lead Material-WFF

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 10/1/2020

Estimated Completion Date 8/1/2022

Description
This project consists of purchasing long lead equipment for future projects. Examples of equipment to be purchased includes breakers, transformers, and control houses. Due to supply chain disruptions, ensure compliance with contractual obligations, and meet system needs, PNM must procure equipment much earlier than it has previously in the past. This equipment will be used on other projects and charges will be transferred accordingly.

Project Need Justification
In the past two years, lead times on substation equipment such as breakers, transformers, and control houses has increased significantly, even doubling in some instances. If PNM does not order equipment early enough, there is an increased risk that contractual obligations and system needs will not be met. This equipment purchased will be standard to ensure it can be used at several locations within PNM's system.

Project Alternatives
The only alternative available is the do nothing alternative. This alternative is not recommended as it could result in not having the right equipment when needed which could result in missed energizations dates for important substation projects.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers will benefit from the equipment as it is used in specific projects per the benefits of that project. In addition, ordering the equipment early ensures PNM will have the equipment needed to ensure benefits are realized timely in relation to system need.

Primary Value Driver Reliability

Safety

Reliability
On time energization of projects, whether generation interconnections, system improvements, or addition of capacity is integral for reliability of the system. Ordering the equipment early so it is available when needed ensures that those benefits are timely in relation to system need.

System Performance

Security

Compliance

Environmental

Project No:	65007140 Long Lead Material-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,292	-	-	-	-	-	-	2,292
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	91,788	-	-	-	-	-	-	91,788
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	146	-	-	-	-	-	-	146
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	173	-	-	-	-	-	-	173
914: Pension and Benefits	501	-	-	-	-	-	-	501
915: Injuries and Damages	188	-	-	-	-	-	-	188
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	288	-	-	-	-	-	-	288
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	9,506	-	-	-	-	-	-	9,506
926: A&G Loads	4,194	-	-	-	-	-	-	4,194
928: AFUDC Debt	415	126	126	-	-	-	-	667
929: AFUDC Equity	1,238	301	303	-	-	-	-	1,842
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(89,770)	-	-	-	-	(89,770)
825: Closing Cost of Removal	-	-	-	(21,815)	-	-	-	(21,815)
Project Net	110,729	427	(89,341)	(21,815)	-	-	-	-

Project No:	65007140 Long Lead Material-WFF													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,292	-	-	-	-	-	-	-	-	-	-	-	-	2,292
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	91,788	-	-	-	-	-	-	-	-	-	-	-	-	91,788
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	146	-	-	-	-	-	-	-	-	-	-	-	-	146
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	173	-	-	-	-	-	-	-	-	-	-	-	-	173
914: Pension and Benefits	501	-	-	-	-	-	-	-	-	-	-	-	-	501
915: Injuries and Damages	188	-	-	-	-	-	-	-	-	-	-	-	-	188
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	288	-	-	-	-	-	-	-	-	-	-	-	-	288
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	9,506	-	-	-	-	-	-	-	-	-	-	-	-	9,506
926: A&G Loads	4,194	-	-	-	-	-	-	-	-	-	-	-	-	4,194
928: AFUDC Debt	667	-	-	-	-	-	-	-	-	-	-	-	-	667
929: AFUDC Equity	1,842	-	-	-	-	-	-	-	-	-	-	-	-	1,842
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(89,770)	-	-	-	-	-	-	-	-	-	-	-	-	(89,770)
825: Closing Cost of Removal	(21,815)	-	-	-	-	-	-	-	-	-	-	-	-	(21,815)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	65007140 Long Lead Material-WFF													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,292	-	-	-	-	-	-	-	-	-	-	-	-	2,292
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	91,788	-	-	-	-	-	-	-	-	-	-	-	-	91,788
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	146	-	-	-	-	-	-	-	-	-	-	-	-	146
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	173	-	-	-	-	-	-	-	-	-	-	-	-	173
914: Pension and Benefits	501	-	-	-	-	-	-	-	-	-	-	-	-	501
915: Injuries and Damages	188	-	-	-	-	-	-	-	-	-	-	-	-	188
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	288	-	-	-	-	-	-	-	-	-	-	-	-	288
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	9,506	-	-	-	-	-	-	-	-	-	-	-	-	9,506
926: A&G Loads	4,194	-	-	-	-	-	-	-	-	-	-	-	-	4,194
928: AFUDC Debt	667	-	-	-	-	-	-	-	-	-	-	-	-	667
929: AFUDC Equity	1,842	-	-	-	-	-	-	-	-	-	-	-	-	1,842
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(89,770)	-	-	-	-	-	-	-	-	-	-	-	-	(89,770)
825: Closing Cost of Removal	(21,815)	-	-	-	-	-	-	-	-	-	-	-	-	(21,815)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 65007143 Asset Health Mntrg-Event Rptg 24-28

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2024

Estimated Completion Date 12/31/2028

Description

PNM has architecture and infrastructure to retrieve real-time asset data from transmission stations. This monitoring system tracks equipment condition in order to optimize maintenance plans to utilize resources when needed, rather than on time intervals. Additionally, this monitoring system allows for maintenance intervention, or a controlled scheduled outage prior to a contingency (element/component failure), therefore minimizing time-intensive repairs and disruptions.

PNM has installed several gas analyzers on transmission transformers at several stations. This project is to ensure the continued installation of these gas analyzers from 2024-2028. Dissolved gas analysis is a critical component in assessing the health of a transformer. As the concentrations of dissolved gases in the transformer oil increases, the health of the asset decreases. The purpose of this project is to leverage existing infrastructure and install additional transformer sensors to support dissolved gas analysis and maintain asset health. Furthermore, implementation of monitoring of station assets such as battery and circuit breaker in addition to transformers will aid in assessing asset health and facilitate condition-based maintenance.

Project Need Justification

PNM has installed several dissolved gas analyzers on transmission transformers at stations across the PNM service territory. PNM aims to continue installing these analyzers over the next several years. PNM's expanding system necessitates more frequent data collection to minimize system downtime and disruptions through providing the information necessary to more effectively and efficiently assess the condition health of station assets. Additionally, asset health monitoring will aid in achieving a condition-based maintenance program to move away from time-based maintenance thus alleviating the operations and maintenance (O&M) costs associated to such time-based maintenance intervals.

Project Alternatives

The only alternative to this approach is to continue utilizing the time-based maintenance model. This alternative was not considered because it is not proactive in mitigating component health issues. Additionally, this model can lead to unnecessary costs and resource-utilization as the system grows. Further, this model is not as cost-effective as implementing the enhancements of this project.

Project Estimate Approach

The cost estimate of this project was developed by evaluating past similar projects. This project is a continuation of past monitoring projects, and thus includes aspects of their cost estimates. Specifically, the scope of equipment, labor required, and contractor information was evaluated.

Customer Benefit

By leveraging existing assets and installing asset sensors, PNM will be able to collect asset data far more frequently. Doing so enables PNM to be proactive in detecting potential contingencies. By doing this, PNM can minimize system downtime and disruptions, therefore improving system reliability. By minimizing downtime, PNM personnel will be able to direct more time toward addressing customer needs. By implementing these enhancements, customers will benefit from a more reliable system, and better time-allocation from PNM personnel.

Primary Value Driver System Performance

Safety

Reliability Asset health monitoring will enable PNM to detect signs of failure or degradation proactively. Specifically, new asset sensors allow PNM to collect asset health data more frequently. This system allows maintenance plans to be optimized by utilizing resources on assets that need attention, rather than on time intervals. Additionally, this new maintenance plan will allow PNM to address degradation prior to contingencies and disruptions. By minimizing system downtime and disruptions, the enhancements will have a positive impact on system reliability

System Performance Utilizing the data collected from the asset monitoring system and event reporting allows for an increased awareness of PNM personnel and public safety. Furthermore, accurate and comprehensive data can lead to early warnings in potential safety-critical concerns which can lead to accident prevention. Therefore, installation of an asset monitoring system will positively impact many areas of operations in terms of asset reliability, availability, maintainability and safety.

Security

Compliance This solution aids in adding additional "monitoring" controls on our Bulk Electric System (BES). By doing so, these enhancements will ensure compliance with North American Reliability Corporation (NERC) requirements within PRC-005, related to protection and control, and FAC-501, related to facilities design, connections and maintenance.

Environmental

Project No:

65007143 Asset Health Mntgr-Event Rptg 24-28

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	2,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	25,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	150,000	-	-	150,000	-	-	150,000	-	-	150,000	600,000
370: Outside Services	-	-	-	270,000	-	-	275,000	-	-	275,000	-	-	275,000	1,095,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	151	151	226	151	151	151	151	151	151	151	151	151	1,883
914: Pension and Benefits	-	461	461	691	461	461	461	461	461	461	461	461	461	5,758
915: Injuries and Damages	-	199	199	299	199	199	199	199	199	199	199	199	199	2,488
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	10,944	-	-	10,944	-	-	10,944	-	-	10,944	43,776
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	141	141	21,211	141	141	21,391	141	141	21,391	141	141	21,391	86,506
926: A&G Loads	-	87	87	18,401	87	87	18,575	87	87	18,575	87	87	18,575	74,820
928: AFUDC Debt	-	3	8	424	843	852	1,276	1,703	1,716	2,145	2,575	2,593	3,026	17,164
929: AFUDC Equity	-	5	14	736	1,461	1,478	2,213	2,951	2,975	3,717	4,464	4,495	5,245	29,752
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(1,924,088)	(1,924,088)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(58,057)	(58,057)
Project Net	-	3,045	3,059	475,931	5,342	5,368	482,208	7,692	7,729	484,581	10,076	10,125	(1,495,156)	(0)

Project No: 65007710 Switch Stations Replacements IA

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 12/7/2009

Estimated Completion Date 12/31/2027

Description
This is a funding project for small capital station improvements. Specifically, this funding project provides discretionary capital funding for the replacement of aging equipment, station improvements, or system betterments as outlined under the PNM Corporate Policy 226 Capitalization. Additionally, this funding project supports system reliability and PNM personnel safety.

Project Need Justification
Components and equipment in transmission systems are aging and/or functionally obsolete. It is critical to address these components to meet reliability obligations to customers. Additionally, these enhancements are necessary to ensure safe and favorable working conditions for PNM personnel.

Project Alternatives
There are currently no alternatives to this project. No alternatives were considered because without this project, smaller substation improvements would be grouped with larger funding projects. This grouping would lead to delayed implementations of necessary enhancements.

Project Estimate Approach
Cost estimates are developed on a project-by-project basis. Projects are identified, through station inspections or during maintenance, for replacement or to extend the life of an asset. Projects are prioritized based on system needs and potential vulnerability, criticality of the equipment or system and age of the equipment or system. The factors that are considered while estimating costs are internal/external labor, materials, and location of the asset. The estimates are derived from previous projects and labor calculations.

Customer Benefit
By replacing aging equipment, PNM can maximize system reliability and reduce unplanned outages. This improvement to system reliability will benefit customers directly.

Primary Value Driver Reliability

Safety
These ongoing capital improvements include addressing aging components such as batteries. In this case, battery failure can result in leaking toxic gas that can lead to serious health risks for PNM personnel.

Reliability
This funding project supports small ongoing capital improvements. These improvements include replacing aging, or functionally obsolete equipment. Additionally, these replacements will mitigate contingencies (component failure), therefore having a positive impact on system reliability. This improvement will be positively reflected in the System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:	65007710 Switch Stations Replacements IA							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,883,769	-	-	90,000	90,000	10,000	10,000	2,083,769
120: Overtime-General	1,899,867	-	-	-	-	-	-	1,899,867
350: Material Issues-Major	2,565,257	-	-	-	-	-	-	2,565,257
370: Outside Services	3,311,343	-	-	-	-	-	-	3,311,343
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,261,041	-	-	-	-	-	-	1,261,041
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(42,827)	-	-	-	-	-	-	(42,827)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	283,151	-	-	6,813	6,813	757	757	298,291
914: Pension and Benefits	956,208	-	-	19,368	19,368	2,152	2,152	999,248
915: Injuries and Damages	268,339	-	-	7,704	7,704	856	856	285,459
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	35,687	-	-	-	-	-	-	35,687
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	694,736	-	-	4,955	4,955	551	551	705,748
926: A&G Loads	731,563	-	-	3,564	3,564	396	396	739,483
928: AFUDC Debt	143,741	920	925	91	272	375	396	146,721
929: AFUDC Equity	200,958	2,209	2,220	218	654	899	952	208,108
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(11,457,906)	-	(658,459)	-	-	-	(289,261)	#####
825: Closing Cost of Removal	(1,997,118)	-	(85,627)	-	-	-	(8,827)	(2,091,572)
Project Net	737,812	3,129	(740,941)	132,713	133,331	15,985	(282,028)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,083,769	-	-	-	-	-	-	-	-	-	-	-	-	2,083,769
120: Overtime-General	1,899,867	-	-	-	-	-	-	-	-	-	-	-	-	1,899,867
350: Material Issues-Major	2,565,257	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	2,835,257
370: Outside Services	3,311,343	48,685	48,685	48,685	48,685	48,685	48,895	49,885	48,685	48,685	68,685	8,755	48,685	3,877,043
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,261,041	-	-	-	-	-	-	-	-	-	-	-	-	1,261,041
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(42,827)	-	-	-	-	-	-	-	-	-	-	-	-	(42,827)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	298,291	-	-	-	-	-	-	-	-	-	-	-	-	298,291
914: Pension and Benefits	999,248	-	-	-	-	-	-	-	-	-	-	-	-	999,248
915: Injuries and Damages	285,459	-	-	-	-	-	-	-	-	-	-	-	-	285,459
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	35,687	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	55,387
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	705,748	3,559	3,559	3,559	3,559	3,559	3,570	3,619	3,559	3,559	4,559	1,563	3,559	747,533
926: A&G Loads	739,483	2,556	2,556	2,556	2,556	2,556	2,563	2,599	2,556	2,556	3,274	1,122	2,556	769,485
928: AFUDC Debt	146,721	81	245	409	573	739	906	1,074	1,244	1,412	1,604	1,753	1,879	158,640
929: AFUDC Equity	208,108	104	312	521	731	943	1,155	1,370	1,586	1,802	2,047	2,236	2,397	223,312
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(12,405,626)	-	-	-	-	-	-	-	-	-	-	-	(926,493)	(13,332,119)
825: Closing Cost of Removal	(2,091,572)	-	-	-	-	-	-	-	-	-	-	-	(27,816)	(2,119,387)
Project Net	-	79,127	79,498	79,871	80,246	80,623	81,230	82,689	81,771	82,156	104,310	39,570	(871,091)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,083,769	-	-	-	-	-	-	-	-	-	-	-	-	2,083,769
120: Overtime-General	1,899,867	-	-	-	-	-	-	-	-	-	-	-	-	1,899,867
350: Material Issues-Major	2,835,257	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	3,105,257
370: Outside Services	3,877,043	48,685	48,685	48,685	49,085	48,985	52,785	48,685	48,685	53,685	48,685	38,745	48,685	4,461,123
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,261,041	-	-	-	-	-	-	-	-	-	-	-	-	1,261,041
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(42,827)	-	-	-	-	-	-	-	-	-	-	-	-	(42,827)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	298,291	-	-	-	-	-	-	-	-	-	-	-	-	298,291
914: Pension and Benefits	999,248	-	-	-	-	-	-	-	-	-	-	-	-	999,248
915: Injuries and Damages	285,459	-	-	-	-	-	-	-	-	-	-	-	-	285,459
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	55,387	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	1,642	75,086
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	747,533	3,559	3,559	3,559	3,579	3,574	3,764	3,559	3,559	3,809	3,559	3,062	3,559	790,237
926: A&G Loads	769,485	3,097	3,097	3,097	3,114	3,110	3,275	3,097	3,097	3,314	3,097	2,664	3,097	806,638
928: AFUDC Debt	158,640	69	208	348	488	630	776	922	1,065	1,214	1,363	1,499	1,635	168,857
929: AFUDC Equity	223,312	120	361	603	847	1,092	1,345	1,598	1,846	2,104	2,363	2,598	2,834	241,023
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(13,332,119)	-	-	-	-	-	-	-	-	-	-	-	(952,954)	(14,285,073)
825: Closing Cost of Removal	(2,119,387)	-	-	-	-	-	-	-	-	-	-	-	(28,609)	(2,147,996)
Project Net	-	79,672	80,051	80,433	81,255	81,532	86,086	82,003	82,394	88,267	83,208	72,710	(897,611)	-

Project No: 65007914 Relay IA
Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2014

Estimated Completion Date 12/31/2027

Description
 The purpose of this project is to support discretionary capital improvements and replacements for protection system components. Specifically, this project aims to address obsolete relays and related components.

Project Need Justification
 Protective relays and associated equipment are currently obsolete. This equipment is no longer supported by manufacturers and cannot be repaired. Functionally obsolete equipment compromises the reliability of the grid, and the safety of PNM personnel and the public.

Project Alternatives
 There are no alternatives to this project. No alternatives were considered because these smaller projects require discretionary capital. Without this capital, these projects would fall under larger umbrella projects and necessary work would not be completed.

Project Estimate Approach
 Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
 By addressing obsolete relays and related equipment, PNM can ensure system reliability. Maintaining system reliability will benefit customers directly.

Primary Value Driver Reliability

Safety

Reliability Replacing obsolete relays creates a better performing protection system. Additionally, these enhancements reduce the opportunity for inappropriate operation of equipment, therefore leading to improved system reliability.

System Performance

Security

Compliance

Environmental

Project No:	65007914 Relay IA									EndBal-22
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22			
110: Straight Time-General	32,884	1,000	1,000	1,000	1,000	1,000	1,000	1,000	38,884	
120: Overtime-General	3,271	-	-	-	-	-	-	-	3,271	
350: Material Issues-Major	16,086	-	6,000	-	-	5,000	-	-	27,086	
370: Outside Services	4,414	-	-	-	-	-	-	-	4,414	
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	
610: Expenses - General	13,533	-	-	-	-	-	-	-	13,533	
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	
913: Payroll Taxes	2,840	76	76	76	76	76	76	76	3,295	
914: Pension and Benefits	9,278	215	215	215	215	215	215	215	10,570	
915: Injuries and Damages	2,604	86	86	86	86	86	86	86	3,118	
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	
921: Stores Load	57	-	439	-	-	366	-	-	861	
922: Minor Material Load	-	-	-	-	-	-	-	-	-	
925: E&S Loads	655	55	295	55	55	255	55	55	1,425	
926: A&G Loads	4,125	40	277	40	40	238	40	40	4,798	
928: AFUDC Debt	555	6	13	19	21	27	34	34	676	
929: AFUDC Equity	743	14	30	46	51	66	81	81	1,032	
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	
825: Closing Addition	(74,144)	-	-	-	-	-	-	(24,392)	(98,536)	
825: Closing Cost of Removal	(13,524)	-	-	-	-	-	-	(901)	(14,425)	
Project Net	3,377	1,491	8,430	1,537	1,544	7,328	(23,707)	-	-	

Project No:	65007914 Relay IA														EndBal-23
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23		
110: Straight Time-General	38,884	500	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	50,384	
120: Overtime-General	3,271	-	-	-	-	-	-	-	-	-	-	-	-	3,271	
350: Material Issues-Major	27,086	-	5,000	-	-	6,000	-	-	6,000	-	-	5,000	-	49,086	
370: Outside Services	4,414	-	-	-	-	-	-	-	-	-	-	-	-	4,414	
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
610: Expenses - General	13,533	-	-	-	-	-	-	-	-	-	-	-	-	13,533	
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
913: Payroll Taxes	3,295	38	75	75	75	75	75	75	75	75	75	75	75	4,161	
914: Pension and Benefits	10,570	115	230	230	230	230	230	230	230	230	230	230	230	13,218	
915: Injuries and Damages	3,118	50	100	100	100	100	100	100	100	100	100	100	100	4,262	
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
921: Stores Load	861	-	365	-	-	438	-	-	438	-	-	365	-	2,466	
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
925: E&S Loads	1,425	35	320	70	70	370	70	70	370	70	70	320	70	3,333	
926: A&G Loads	4,798	18	215	36	36	251	36	36	251	36	36	215	36	6,001	
928: AFUDC Debt	676	1	9	18	7	17	27	9	19	29	9	18	28	867	
929: AFUDC Equity	1,032	1	12	23	8	21	35	11	24	38	12	24	35	1,276	
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
825: Closing Addition	(98,536)	-	-	(7,012)	-	-	-	(10,196)	-	(11,004)	-	-	(13,812)	(140,560)	
825: Closing Cost of Removal	(14,425)	-	-	(215)	-	-	-	(312)	-	(337)	-	-	(422)	(15,711)	
Project Net	-	757	7,326	(5,675)	1,526	8,503	(8,935)	1,531	8,508	(9,762)	1,533	7,348	(12,660)	-	

Project No:	65007914 Relay IA														EndBal-24
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24		
110: Straight Time-General	50,384	500	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	61,884	
120: Overtime-General	3,271	-	-	-	-	-	-	-	-	-	-	-	-	3,271	
350: Material Issues-Major	49,086	-	5,000	-	-	6,000	-	-	6,000	-	-	5,000	-	71,086	
370: Outside Services	4,414	-	-	-	-	-	-	-	-	-	-	-	-	4,414	
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
610: Expenses - General	13,533	-	-	-	-	-	-	-	-	-	-	-	-	13,533	
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
913: Payroll Taxes	4,161	38	75	75	75	75	75	75	75	75	75	75	75	5,026	
914: Pension and Benefits	13,218	115	230	230	230	230	230	230	230	230	230	230	230	15,867	
915: Injuries and Damages	4,262	50	100	100	100	100	100	100	100	100	100	100	100	5,406	
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
921: Stores Load	2,466	-	365	-	-	438	-	-	438	-	-	365	-	4,072	
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
925: E&S Loads	3,333	35	320	70	70	370	70	70	370	70	70	320	70	5,241	
926: A&G Loads	6,001	22	261	44	44	305	44	44	305	44	44	261	44	7,458	
928: AFUDC Debt	867	1	8	16	18	27	36	39	48	57	60	68	76	1,318	
929: AFUDC Equity	1,276	1	13	27	32	47	62	67	83	98	103	117	131	2,058	
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
825: Closing Addition	(140,560)	-	-	-	-	-	-	-	-	-	-	-	-	(140,560)	
825: Closing Cost of Removal	(15,711)	-	-	-	-	-	-	-	-	-	-	-	-	(15,711)	
Project Net	-	761	7,372	1,561	1,569	8,592	1,617	1,625	8,648	1,674	1,682	7,536	1,726	44,362	

Project No: 65007919 Strategic System Spare 345KV Shunt

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2019

Estimated Completion Date 11/30/2024

Description Shunt reactors are used to limit overvoltage or shortcut in transmission systems. Specifically, PNM utilizes these shunt reactors to provide the voltage control on bulk transmission lines during low load times. These reactors are critical in maintain system stability and efficiency. The purpose of this project is to purchase and store one 345kv shunt reactor.

Project Need Justification PNM currently has several aging 345kv shunt reactors in its system. These reactors are prone to failure given their age and state. Failed and functionally obsolete shunt reactors limit PNM's ability to operate its bulk transmission system. Additionally, lead times for 345kv shunt reactors vary between 40-52 weeks. It is vital that PNM purchase a spare reactor to ensure quick replacement in the event of a contingency (element failure).

Project Alternatives The only alternative considered is not purchasing a shunt reactor or the "do nothing" alternative. This alternative is not viable as it would increase the exposure to loss of voltage control for extended periods of time on any of the lines that have aging shunt reactors.

Project Estimate Approach The project estimate was developed by obtaining quotes for shunt reactors. Additionally, the estimate includes costs for engineering review, unloading, and temporary storage of the spare reactor.

Customer Benefit By purchasing a spare shunt reactor, PNM can ensure it can respond to shunt reactor failure anywhere in its system quickly and efficiently. Purchasing a spare reactor will have a positive impact on system reliability, thereby benefiting PNM customers.

Primary Value Driver Reliability

Safety

Reliability Shunt reactors are used to maintain system stability and efficiency. By purchasing a spare reactor, PNM can respond to unit failures quickly and efficiently. This will minimize system downtime, and have a positive impact on system reliability.

System Performance Having a spare shunt reactor reduces the exposure to loss of voltage control for extended periods of time on any of the lines that have aging shunt reactors.

Security

Compliance

Environmental

Project No:	65007919 Strategic System Spare 345KV Shunt							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	58,318	-	-	-	-	-	-	58,318
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,330,722	-	-	-	-	-	-	1,330,722
370: Outside Services	122,590	-	-	-	-	-	-	122,590
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	7,389	-	-	-	-	-	-	7,389
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,439	-	-	-	-	-	-	4,439
914: Pension and Benefits	14,327	-	-	-	-	-	-	14,327
915: Injuries and Damages	5,223	-	-	-	-	-	-	5,223
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,507	-	-	-	-	-	-	3,507
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	39,870	-	-	-	-	-	-	39,870
926: A&G Loads	79,097	-	-	-	-	-	-	79,097
928: AFUDC Debt	11,113	-	-	-	-	-	-	11,113
929: AFUDC Equity	19,505	-	-	-	-	-	-	19,505
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,648,323)	-	-	-	-	-	-	(1,648,323)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	47,778	-	-	-	-	-	-	47,778

Project No:	65007919 Strategic System Spare 345KV Shunt													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	58,318	-	-	-	-	-	-	-	-	-	-	-	-	58,318
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,330,722	-	-	-	-	-	-	-	-	-	-	-	-	1,330,722
370: Outside Services	122,590	-	-	-	-	-	-	-	-	-	-	-	-	122,590
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	7,389	-	-	-	-	-	-	-	-	-	-	-	-	7,389
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,439	-	-	-	-	-	-	-	-	-	-	-	-	4,439
914: Pension and Benefits	14,327	-	-	-	-	-	-	-	-	-	-	-	-	14,327
915: Injuries and Damages	5,223	-	-	-	-	-	-	-	-	-	-	-	-	5,223
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,507	-	-	-	-	-	-	-	-	-	-	-	-	3,507
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	39,870	-	-	-	-	-	-	-	-	-	-	-	-	39,870
926: A&G Loads	79,097	-	-	-	-	-	-	-	-	-	-	-	-	79,097
928: AFUDC Debt	11,113	-	-	-	-	-	-	-	-	-	-	-	-	11,113
929: AFUDC Equity	19,505	-	-	-	-	-	-	-	-	-	-	-	-	19,505
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,648,323)	-	-	-	-	-	-	-	-	-	-	-	-	(1,648,323)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	47,778	-	-	-	-	-	-	-	-	-	-	-	-	47,778

Project No:	65007919 Strategic System Spare 345KV Shunt													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	58,318	-	-	-	-	-	-	-	-	-	-	-	-	58,318
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,330,722	-	-	-	-	-	-	-	-	-	-	-	-	1,330,722
370: Outside Services	122,590	-	-	-	-	-	-	-	-	-	-	-	-	122,590
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	7,389	-	-	-	-	-	-	-	-	-	-	-	-	7,389
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,439	-	-	-	-	-	-	-	-	-	-	-	-	4,439
914: Pension and Benefits	14,327	-	-	-	-	-	-	-	-	-	-	-	-	14,327
915: Injuries and Damages	5,223	-	-	-	-	-	-	-	-	-	-	-	-	5,223
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,507	-	-	-	-	-	-	-	-	-	-	-	-	3,507
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	39,870	-	-	-	-	-	-	-	-	-	-	-	-	39,870
926: A&G Loads	79,097	-	-	-	-	-	-	-	-	-	-	-	-	79,097
928: AFUDC Debt	11,113	-	-	-	-	-	-	-	-	-	-	-	-	11,113
929: AFUDC Equity	19,505	-	-	-	-	-	-	-	-	-	-	-	-	19,505
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,648,323)	-	-	-	-	-	-	-	-	-	-	-	-	(1,648,323)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	(47,778)	-	(47,778)
Project Net	47,778	-	-	-	-	-	-	-	-	-	-	(47,778)	-	(0)

Project No: 65008021 Transm Comm Improvement 2021-2025

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2025

Description
This project is to expand the radio communications network from 2021 to 2025. This will be achieved by building redundant communication paths, so that a single path outage will not result in loss of communication to the transmission station. Also telecommunications equipment requires continuous replacement as communication platforms reach end-of-life. These continued network upgrades will improve communications reliability.

Project Need Justification
Over the last 10 years, PNM's telecommunications network has grown from a low bandwidth point-to-point network, to a high bandwidth, path protected/ringed network. Microwave and radio outside plant and fiber optics, battery plants, monitoring equipment, new fiber optic routes, and other network elements have been installed to improve system reliability. While System Engineering has made much progress, many opportunities for improvement to the network still exist. Also, many network elements will need to be replaced as they reach end-of-life. To ensure continuous improvement and based on new technology, security and compliance requirements, and aging equipment, this process will require upgrades every 10-12 (the utility average of required upgrades).
The breakdown of the progress made and opportunities for network improvement are as follows:
- M/W Replacements Phase 1 has 68 nodes completed and 0 nodes not-completed
- M/W Radio Replacements Phase 2 has 20 nodes completed and 48 nodes not-completed (caused by reliability ceasing operations)
- SONET Nodes has 81 nodes completed and 2 nodes not-completed
- Battery Plants/Power Upgrades has 28 sites completed and 6 sites not-completed
- Comm RTU's has 35 sites completed and 1 site not-completed
- Alternate Path Completions has 24 sites completed and 13 sites not-completed

Project Alternatives
The alternative is the do nothing approach, which would run the existing equipment. This is not an option due to the safety, compliance, and reliability efforts mandated by the New Mexico Public Regulation Commission (NMPRC), North American Electric Reliability Corporation (NERC), Federal Energy Regulatory Commission (FERC), and Occupational Safety and Health Administration (OSHA), as well as, PNM's moral and ethical commitments to its customers and personnel.

Project Estimate Approach
The estimate of the project accounts for the costs of replacement materials, engineering resources, PNM resources, installation, and the commissioning of the equipment.

Customer Benefit
This project improves the transmission security and the response to large customers.

Primary Value Driver Reliability

Safety

Reliability
By building redundant communication paths, a single path outage will not result in loss of communication to the transmission station. Replacement of end-of-life telecommunications equipment improves communications reliability.

System Performance

Security

Compliance
Several regulatory organizations including NMPRC, NERC, FERC, and OSHA mandate reliability and safety efforts supported by this project.

Environmental

Project No:	65008021 Transm Comm Improvement 2021-2025							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	51,422	-	-	-	-	-	-	51,422
120: Overtime-General	7,241	-	-	-	-	-	-	7,241
350: Material Issues-Major	491,862	-	-	-	-	-	-	491,862
370: Outside Services	265,515	-	-	-	-	-	-	265,515
374: Outside Services Legal	-	81,317	81,317	81,317	81,317	81,317	81,317	487,900
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	17,909	-	-	-	-	-	-	17,909
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,406	-	-	-	-	-	-	4,406
914: Pension and Benefits	12,973	-	-	-	-	-	-	12,973
915: Injuries and Damages	4,588	-	-	-	-	-	-	4,588
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,970	-	-	-	-	-	-	1,970
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	21,404	3,253	3,253	3,253	3,253	3,253	3,253	40,920
926: A&G Loads	36,052	3,220	3,220	3,220	3,220	3,220	3,220	55,373
928: AFUDC Debt	5,322	849	772	814	920	1,025	1,153	10,855
929: AFUDC Equity	17,455	1,246	2,215	2,713	3,063	3,413	3,840	33,945
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(453,743)	-	-	-	-	-	-	(453,743)
825: Closing Cost of Removal	(0)	-	-	-	-	-	-	(0)
Project Net	484,374	89,885	90,776	91,317	91,772	92,227	92,783	1,033,134

Project No:	65008021 Transm Comm Improvement 2021-2025													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	51,422	-	-	-	-	-	-	-	-	-	-	-	-	51,422
120: Overtime-General	7,241	-	-	-	-	-	-	-	-	-	-	-	-	7,241
350: Material Issues-Major	491,862	-	-	-	-	-	-	-	-	-	-	-	-	491,862
370: Outside Services	265,515	-	-	-	-	-	-	-	-	-	-	-	-	265,515
374: Outside Services Legal	487,900	72,150	72,150	72,150	72,150	72,150	72,150	72,150	72,150	72,150	72,150	72,150	72,150	1,353,700
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	17,909	-	-	-	-	-	-	-	-	-	-	-	-	17,909
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,406	-	-	-	-	-	-	-	-	-	-	-	-	4,406
914: Pension and Benefits	12,973	-	-	-	-	-	-	-	-	-	-	-	-	12,973
915: Injuries and Damages	4,588	-	-	-	-	-	-	-	-	-	-	-	-	4,588
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,970	-	-	-	-	-	-	-	-	-	-	-	-	1,970
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	40,920	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	3,608	84,210
926: A&G Loads	55,373	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	86,455
928: AFUDC Debt	10,855	1,252	1,346	1,440	1,533	1,627	1,766	1,859	1,953	2,047	2,140	2,234	2,392	32,445
929: AFUDC Equity	33,945	4,172	4,484	4,796	5,108	5,420	5,881	6,193	6,506	6,818	7,130	7,442	7,968	105,863
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(453,743)	-	-	-	-	-	-	-	-	-	-	-	(1,987,869)	(2,441,613)
825: Closing Cost of Removal	(0)	-	-	-	-	-	-	-	-	-	-	-	(78,945)	(78,945)
Project Net	1,033,134	83,772	84,177	84,583	84,989	85,395	85,994	86,400	86,806	87,212	87,618	88,024	(1,978,107)	0

Project No:	65008021 Transm Comm Improvement 2021-2025													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	51,422	-	-	-	-	-	-	-	-	-	-	-	-	51,422
120: Overtime-General	7,241	-	-	-	-	-	-	-	-	-	-	-	-	7,241
350: Material Issues-Major	491,862	-	-	-	-	-	-	-	-	-	-	-	-	491,862
370: Outside Services	265,515	-	-	-	-	-	-	-	-	-	-	-	-	265,515
374: Outside Services Legal	1,353,700	71,733	71,733	71,733	71,733	71,733	71,733	71,733	71,733	71,733	71,733	71,733	71,733	2,214,500
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	17,909	-	-	-	-	-	-	-	-	-	-	-	-	17,909
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,406	-	-	-	-	-	-	-	-	-	-	-	-	4,406
914: Pension and Benefits	12,973	-	-	-	-	-	-	-	-	-	-	-	-	12,973
915: Injuries and Damages	4,588	-	-	-	-	-	-	-	-	-	-	-	-	4,588
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,970	-	-	-	-	-	-	-	-	-	-	-	-	1,970
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	84,210	3,587	3,587	3,587	3,587	3,587	3,587	3,587	3,587	3,587	3,587	3,587	3,587	127,250
926: A&G Loads	86,455	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	123,900
928: AFUDC Debt	32,445	47	141	235	328	422	522	616	710	804	898	992	1,110	39,270
929: AFUDC Equity	105,863	156	469	781	1,094	1,407	1,740	2,053	2,365	2,678	2,990	3,303	3,696	128,597
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,441,613)	-	-	-	-	-	-	-	-	-	-	-	(942,604)	(3,384,217)
825: Closing Cost of Removal	(78,945)	-	-	-	-	-	-	-	-	-	-	-	(28,239)	(107,184)
Project Net	0	78,644	79,050	79,456	79,863	80,269	80,703	81,109	81,516	81,922	82,329	82,735	(887,596)	0

Project No: 65008117 NERC Physical Security-WFF

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2018

Estimated Completion Date 12/31/2027

Description

The purpose of this project is to procure and install physical security systems over the next few years. Specifically, these systems will physically harden to enable PNM to detect, deter, delay, defend, and respond to potential threats. These enhancements will enable PNM to prevent and/or mitigate the damage that may be caused by physical attacks, vandalism, and threats at critical transmission systems.

Project Need Justification

The project is the continuation of a long-term initiative to promote station security and to ensure North American Electric Reliability Corporation (NERC) Critical Infrastructure Protection (CIP) and cyber security requirements. The compliance areas that are addressed by this project are related to CIP-14 (Station Security), CIP-006 (Physical Access), CIP-005 (Electronic Security Perimeter), and CIP-007 (Systems Security Management). NERC cyber security requirements are becoming more stringent and expanding into areas of PNM infrastructure that had not been involved previously. Additionally, PNM has been experiencing security breaches and theft of copper at electrical stations.

Project Alternatives

The only alternative to this project is the do-nothing approach. This approach was not considered because it would result in an unacceptable risk of vandalism, theft, and potential reliability implications. Additionally, this approach places PNM at risk for non-compliance with NERC CIP requirements.

Project Estimate Approach

The cost estimate of this project was developed by evaluating past similar projects. Specifically, this evaluation includes vendor equipment, labor, and test costs.

Customer Benefit

Physically hardening transmission station security systems ensures that systems are reliable and fully function. This positive impact to the Bulk Electric System (BES) will benefit customers.

Primary Value Driver Security

Safety

Reliability

System Performance

Security

Consistent with standard industry practice, the PNM physical and cyber security upgrade will be designed to support interoperability for future stations slated to be upgraded. This project is to continue the effort initiated with the pilot project in conjunction with a proactive effort on compliance of the increasing NERC CIP cyber and physical security requirements. This project's objective is intended to implement security measures at select stations identified while adhering to PNM standard controls around Cyber Security, CIP, protection of electric grid infrastructure, and procedures.

Technology identified in this project will adhere to the standard substation network architecture and its technology to 1) meet NERC CIP compliance requirements, and 2) minimize vandalism and theft that could compromise the BES that could result in instability of the system.

Compliance

The project is the continuation of a longer-term initiative to promote station security, to adhere to the NERC CIP and cyber security requirements. The project is addressing compliance related to CIP-14 (Station Security), CIP-006 (Physical Access), CIP-005 (Electronic Security Perimeter), and CIP-007 (Systems Security Management).

Environmental

Project No:	65008117 NERC Physical Security-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	129,871	3,000	3,000	3,000	3,000	3,000	3,000	147,871
120: Overtime-General	6,165	-	-	-	-	-	-	6,165
350: Material Issues-Major	1,455,166	4,000	-	58,500	-	-	52,000	1,569,666
370: Outside Services	1,087,497	127,882	127,882	127,882	127,882	127,882	127,882	1,854,788
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	70,051	-	-	-	-	-	-	70,051
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	14,141	-	-	-	-	-	-	14,141
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	10,289	227	227	227	227	227	227	11,652
914: Pension and Benefits	31,107	646	646	646	646	646	646	34,981
915: Injuries and Damages	10,363	257	257	257	257	257	257	11,904
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	7,389	293	-	4,279	-	-	3,804	15,765
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	96,754	5,440	5,280	7,620	5,280	5,280	7,360	133,017
926: A&G Loads	178,699	5,341	5,183	7,500	5,183	5,183	7,242	214,331
928: AFUDC Debt	19,239	414	614	858	1,104	1,304	1,547	25,081
929: AFUDC Equity	39,662	993	1,474	2,060	2,649	3,131	3,712	53,682
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,934,904)	-	-	-	-	-	(1,198,872)	(4,133,776)
825: Closing Cost of Removal	-	-	-	-	-	-	(29,318)	(29,318)
Project Net	221,490	148,493	144,563	212,829	146,228	146,910	(1,020,513)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	147,871	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	183,871
120: Overtime-General	6,165	-	-	-	-	-	-	-	-	-	-	-	-	6,165
350: Material Issues-Major	1,569,666	-	-	64,000	-	-	57,000	-	-	56,000	-	-	56,000	1,802,666
370: Outside Services	1,854,788	86,917	86,917	86,917	86,917	86,917	86,917	86,917	86,917	86,917	86,917	86,917	86,917	2,897,788
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	70,051	-	-	-	-	-	-	-	-	-	-	-	-	70,051
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	14,141	-	-	-	-	-	-	-	-	-	-	-	-	14,141
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,652	226	226	226	226	226	226	226	226	226	226	226	226	14,362
914: Pension and Benefits	34,981	691	691	691	691	691	691	691	691	691	691	691	691	43,271
915: Injuries and Damages	11,904	299	299	299	299	299	299	299	299	299	299	299	299	15,486
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,765	-	-	4,669	-	-	4,159	-	-	4,086	-	-	4,086	32,765
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	133,017	4,557	4,557	7,757	4,557	4,557	7,407	4,557	4,557	7,357	4,557	4,557	7,357	199,346
926: A&G Loads	214,331	3,228	3,228	5,526	3,228	3,228	5,274	3,228	3,228	5,238	3,228	3,228	5,238	261,432
928: AFUDC Debt	25,081	102	306	588	872	1,080	1,357	1,636	1,848	2,128	2,409	2,625	2,908	42,940
929: AFUDC Equity	53,682	130	391	751	1,112	1,378	1,731	2,087	2,357	2,714	3,073	3,348	3,710	76,464
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,133,776)	-	-	-	-	-	-	-	-	-	-	-	(1,453,943)	(5,587,718)
825: Closing Cost of Removal	(29,318)	-	-	-	-	-	-	-	-	-	-	-	(43,710)	(73,029)
Project Net	(0)	99,149	99,614	174,423	100,900	101,374	168,060	102,639	103,122	168,655	104,398	104,889	(1,327,223)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	183,871	-	-	-	-	-	-	-	-	-	-	-	-	183,871
120: Overtime-General	6,165	-	-	-	-	-	-	-	-	-	-	-	-	6,165
350: Material Issues-Major	1,802,666	-	-	-	-	-	-	-	-	-	-	-	-	1,802,666
370: Outside Services	2,897,788	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	4,697,788
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	70,051	-	-	-	-	-	-	-	-	-	-	-	-	70,051
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	14,141	-	-	-	-	-	-	-	-	-	-	-	-	14,141
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,362	-	-	-	-	-	-	-	-	-	-	-	-	14,362
914: Pension and Benefits	43,271	-	-	-	-	-	-	-	-	-	-	-	-	43,271
915: Injuries and Damages	15,486	-	-	-	-	-	-	-	-	-	-	-	-	15,486
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	32,765	-	-	-	-	-	-	-	-	-	-	-	-	32,765
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	199,346	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	289,346
926: A&G Loads	261,432	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	6,525	339,732
928: AFUDC Debt	42,940	143	430	718	1,007	1,298	1,590	1,884	2,179	2,476	2,774	3,073	3,374	63,885
929: AFUDC Equity	76,464	248	745	1,244	1,746	2,250	2,756	3,266	3,777	4,291	4,808	5,327	5,849	112,771
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,587,718)	-	-	-	-	-	-	-	-	-	-	-	(1,966,503)	(7,554,221)
825: Closing Cost of Removal	(73,029)	-	-	-	-	-	-	-	-	-	-	-	(59,049)	(132,078)
Project Net	(0)	164,416	165,199	165,986	166,778	167,573	168,372	169,175	169,981	170,792	171,607	172,426	(1,852,304)	(0)

Project No: 65008143 NERC Physical Security 24-28

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2024

Estimated Completion Date 12/31/2028

Description
The purpose of this project is to procure and install physical security systems. Specifically, these systems will physically harden to enable PNM to detect, deter, delay, defend, and respond to potential threats. These enhancements will enable PNM to prevent and/or mitigate the damage that may be caused by physical attacks, vandalism, and threats at critical transmission systems. Additionally, this project will be implemented over the period from 2024 to 2028.

Project Need Justification
The project is the continuation of a long-term initiative to promote station security and to ensure North American Electric Reliability Corporation ("NERC") Critical Infrastructure Protection ("CIP") and cyber security requirements. The compliance issues that are the subject of this Project are related to CIP 14 (Station Security), CIP-006 (Physical Access), CIP-005 (Electronic Security Perimeter), and CIP-007 (Systems Security Management). NERC cyber security requirements are becoming more stringent and expanding into areas of PNM infrastructure that had not been involved previously. Additionally, PNM has been experiencing security breaches, theft, and vandalism at electrical stations.

Project Alternatives
The only alternative to this project is the do-nothing approach. This approach was not considered because it would result in an unacceptable risk of vandalism, theft, and potential reliability implications. Additionally, this approach places PNM at risk for non-compliance with NERC CIP requirements.

Project Estimate Approach
The cost estimate of this project was developed by evaluating past similar projects. Specifically, this evaluation includes vendor equipment, labor, and test costs.

Customer Benefit
Physically hardening transmission station security systems ensures that systems are reliable and fully function. This positive impact to the Bulk Electric System (BES) will benefit customers.

Primary Value Driver Security

Safety

Reliability

System Performance

Security
Consistent with standard industry practice, the PNM physical and cyber security upgrade will be designed to support interoperability for future stations slated to be upgraded. This project is to continue the effort initiated with the pilot project in conjunction with a proactive effort on compliance of the increasing NERC CIP cyber and physical security requirements. This project's objective is intended to implement security measures at select stations identified while adhering to PNM standard controls around Cyber Security, CIP, protection of electric grid infrastructure, and procedures.

Technology identified in this project will adhere to the standard substation network architecture and its technology to 1) meet NERC CIP compliance requirements, and 2) minimize vandalism and theft that could compromise the BES that could result in instability of the system.

Compliance
The project is the continuation of a longer-term initiative to promote station security, to adhere to the NERC CIP and cyber security requirements. The project is addressing compliance related to CIP-14 (Station Security), CIP-006 (Physical Access), CIP-005 (Electronic Security Perimeter), and CIP-007 (Systems Security Management).

Environmental

Project No:

65008143 NERC Physical Security 24-28

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	2,000	2,000	3,000	2,000	2,000	3,000	2,000	2,000	2,000	2,000	2,000	2,000	26,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	150,000	-	-	180,000	-	-	150,000	-	-	150,000	630,000
370: Outside Services	-	-	-	175,000	-	-	120,667	-	-	120,500	-	-	120,667	536,833
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	151	151	226	151	151	226	151	151	151	151	151	151	1,958
914: Pension and Benefits	-	461	461	691	461	461	691	461	461	461	461	461	461	5,988
915: Injuries and Damages	-	199	199	299	199	199	299	199	199	199	199	199	199	2,587
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	10,944	-	-	13,133	-	-	10,944	-	-	10,944	45,965
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	141	141	16,461	141	141	15,244	141	141	13,666	141	141	13,674	60,168
926: A&G Loads	-	87	87	14,268	87	87	13,210	87	87	11,854	87	87	11,861	51,888
928: AFUDC Debt	-	3	8	334	661	670	978	1,287	1,299	1,578	1,858	1,873	2,155	12,704
929: AFUDC Equity	-	5	14	579	1,147	1,161	1,695	2,231	2,252	2,735	3,221	3,246	3,735	22,021
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(1,355,270)	(1,355,270)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(40,842)	(40,842)
Project Net	-	3,045	3,059	371,801	4,846	4,869	349,141	6,556	6,588	314,087	8,117	8,157	(1,080,266)	0

Project No: 65008219 Eastern NM 345KV Bird Guarding

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

Estimated Start Date: 8/1/2018
Estimated Completion Date: 8/1/2022

County %		
	Santa Fe	25%
	San Miguel	25%
	Guadalupe	25%
	Curry	25%

Description
PNM engaged Hawks Aloft, Inc., a local avian conservation, research and education organization, to help identify the root cause of the interruptions of the BB transmission line. Findings indicate that the excreta from raptors and other large birds pose the highest risk of causing outages. More specifically, the length of their excreta streamer can bridge the clearance between line phases and the lattice structure causing a phase to ground fault.

The purpose of this project is to install perch deterrents on select lattice tower structures to minimize BB line outages caused by the excreta streamers from raptors and other large birds. The diverters will be installed above each conductor to move the birds to a safe location further away from the conductors.

Project Need Justification
The need for this project is driven by the excessive number of outages that have occurred along the BB corridor. Over the past several years, there have been more than 15 interruptions on the BB line. These outages cause operational interruptions to large industrial manufacturing customers, prolonged outages at wind farm facilities, and unnecessary wear and tear on connected equipment.

Project Alternatives
The two alternatives to this project is to do-nothing or manually remove bird nests. The do-nothing approach was not considered, as excreta streamers would continue to cause line interruptions. As documented in the January 2003 report titled "The BB Line Evaluating the Role of Birds in Line Faults," nest removal from the lattice tower structures has proven to be an ineffective strategy. Once nests are removed, construction of new nests begins almost immediately.

Project Estimate Approach
Basic material costs of this project were estimated by evaluating actual costs of past projects. For the unique equipment for this project, PNM worked with Hawks Aloft, Inc., to identify vendors who were contacted to discuss details on costs and scheduling. Additionally, labor and contractor estimates were developed by evaluating costs from similar past projects.

Customer Benefit
These enhancements will serve to reduce system interruptions caused by bird excreta streamers. This positive impact to system reliability will benefit customers.

Primary Value Driver Environmental

Safety

Reliability This project will help reduce the risk of line outages due to excreta streamers from bird nests.

System Performance

Security

Compliance

Environmental Encourages birds to nest in safer areas so they will not be harmed by their streamers that can cause a fault on the line.

Project No:	65008219 Eastern NM 345KV Bird Guarding							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	29,095	-	-	-	-	-	-	29,095
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	555,454	-	-	-	-	-	-	555,454
370: Outside Services	2,119,302	-	-	-	-	-	-	2,119,302
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	11,228	-	-	-	-	-	-	11,228
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,271	-	-	-	-	-	-	2,271
914: Pension and Benefits	7,333	-	-	-	-	-	-	7,333
915: Injuries and Damages	2,085	-	-	-	-	-	-	2,085
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	15,023	-	-	-	-	-	-	15,023
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	227,914	-	-	-	-	-	-	227,914
926: A&G Loads	177,209	-	-	-	-	-	-	177,209
928: AFUDC Debt	40,554	656	660	-	-	-	-	41,870
929: AFUDC Equity	77,349	1,575	1,583	-	-	-	-	80,507
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,799,954)	-	(469,338)	-	-	-	-	(3,269,291)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	464,863	2,232	(467,095)	-	-	-	-	0

Project No:	65008219 Eastern NM 345KV Bird Guarding													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	29,095	-	-	-	-	-	-	-	-	-	-	-	-	29,095
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	555,454	-	-	-	-	-	-	-	-	-	-	-	-	555,454
370: Outside Services	2,119,302	-	-	-	-	-	-	-	-	-	-	-	-	2,119,302
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	11,228	-	-	-	-	-	-	-	-	-	-	-	-	11,228
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,271	-	-	-	-	-	-	-	-	-	-	-	-	2,271
914: Pension and Benefits	7,333	-	-	-	-	-	-	-	-	-	-	-	-	7,333
915: Injuries and Damages	2,085	-	-	-	-	-	-	-	-	-	-	-	-	2,085
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,023	-	-	-	-	-	-	-	-	-	-	-	-	15,023
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	227,914	-	-	-	-	-	-	-	-	-	-	-	-	227,914
926: A&G Loads	177,209	-	-	-	-	-	-	-	-	-	-	-	-	177,209
928: AFUDC Debt	41,870	-	-	-	-	-	-	-	-	-	-	-	-	41,870
929: AFUDC Equity	80,507	-	-	-	-	-	-	-	-	-	-	-	-	80,507
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,269,291)	-	-	-	-	-	-	-	-	-	-	-	-	(3,269,291)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No:	65008219 Eastern NM 345KV Bird Guarding													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	29,095	-	-	-	-	-	-	-	-	-	-	-	-	29,095
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	555,454	-	-	-	-	-	-	-	-	-	-	-	-	555,454
370: Outside Services	2,119,302	-	-	-	-	-	-	-	-	-	-	-	-	2,119,302
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	11,228	-	-	-	-	-	-	-	-	-	-	-	-	11,228
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,271	-	-	-	-	-	-	-	-	-	-	-	-	2,271
914: Pension and Benefits	7,333	-	-	-	-	-	-	-	-	-	-	-	-	7,333
915: Injuries and Damages	2,085	-	-	-	-	-	-	-	-	-	-	-	-	2,085
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,023	-	-	-	-	-	-	-	-	-	-	-	-	15,023
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	227,914	-	-	-	-	-	-	-	-	-	-	-	-	227,914
926: A&G Loads	177,209	-	-	-	-	-	-	-	-	-	-	-	-	177,209
928: AFUDC Debt	41,870	-	-	-	-	-	-	-	-	-	-	-	-	41,870
929: AFUDC Equity	80,507	-	-	-	-	-	-	-	-	-	-	-	-	80,507
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,269,291)	-	-	-	-	-	-	-	-	-	-	-	-	(3,269,291)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65008220 Sagebrush Station-Transmission

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2019

Estimated Completion Date 12/31/2025

Description
The project will include the installation of two new distribution transformers, two new metalclad switchgears, up to four 115kV breakers, and all other minor materials needed to complete the project. Once completed, the two new unit substations will provide additional sources of power to the Albuquerque Sunport and surrounding business such as hotels and other commercial entities. Additionally, these enhancements will provide the ability to sectionalize the transmission line in the event of an outage. The new substation will have the ability to be fed by a second transmission source in the future.

Project Need Justification
In March of 2019, the Albuquerque Sunport experienced an extended outage. This outage was caused by a failed distribution termination in the manhole on the Sunport property. This outage exposed the vulnerability that both the distribution and transmission systems face as a result of being fed by a single distribution station. A second distribution substation will improve reliability for the Albuquerque Sunport and the thousands of passengers who travel through it daily, as well as ensure more reliable power to surrounding areas.

Project Alternatives
This is no alternative to this project. There would be an unreasonable risk of losing power to the Albuquerque Sunport and surrounding areas for extended periods of time if no action is taken.

Project Estimate Approach
This cost of this project was estimated by evaluating prior estimates developed for standard substations. Additionally, this cost estimate includes the cost of land and a 5% contingency fund (for element failure).

Customer Benefit
By implementing two new distribution transformers, PNM can ensure that the reliability of electricity for the Sunport is maximized. This maximization would benefit the thousands of people and companies that utilize the Sunport daily. Additionally, other PNM customers that are supplied by the same system will experience reliability improvements.

Primary Value Driver Reliability

Safety

Reliability These enhancements will ensure that existing transmission and distribution infrastructure that supports the Sunport is not stressed. By doing so, these enhancements will mitigate risks of system outages and disruptions. These improvements will be positively reflected in the System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:	65008220 Sagebrush Station-Transmission							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	258,524	101,481	45,136	45,136	45,136	45,136	45,136	585,686
120: Overtime-General	5,193	-	-	-	-	-	-	5,193
350: Material Issues-Major	650,993	-	-	-	-	-	-	650,993
370: Outside Services	1,354,244	913,324	406,227	406,227	406,227	406,227	406,227	4,298,701
374: Outside Services Legal	81,885	-	-	-	-	-	-	81,885
377: Outside Svcs-Temp Labor	47	-	-	-	-	-	-	47
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	27,163	-	-	-	-	-	-	27,163
805: Land and Land Rights	69,146	-	-	-	-	-	-	69,146
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,979	7,682	3,417	3,417	3,417	3,417	3,417	44,745
914: Pension and Benefits	60,241	21,839	9,713	9,713	9,713	9,713	9,713	130,646
915: Injuries and Damages	21,525	8,687	3,864	3,864	3,864	3,864	3,864	49,530
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	591	-	-	-	-	-	-	591
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	66,340	42,120	18,734	18,734	18,734	18,734	18,734	202,132
926: A&G Loads	115,875	40,186	17,874	17,874	17,874	17,874	17,874	245,431
928: AFUDC Debt	29,105	4,802	5,948	6,668	7,392	8,119	8,849	70,883
929: AFUDC Equity	89,072	11,524	14,276	16,004	17,741	19,486	21,240	189,345
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	2,849,922	1,151,645	525,189	527,637	530,098	532,570	535,054	6,652,116

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	585,686	166,667	166,667	166,667	166,667	166,667	166,667	166,667	166,667	166,667	166,667	166,667	166,667	2,585,686
120: Overtime-General	5,193	-	-	-	-	-	-	-	-	-	-	-	-	5,193
350: Material Issues-Major	650,993	-	-	-	-	-	-	-	-	-	-	-	-	650,993
370: Outside Services	4,298,701	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	10,298,701
374: Outside Services Legal	81,885	-	-	-	-	-	-	-	-	-	-	-	-	81,885
377: Outside Svcs-Temp Labor	47	-	-	-	-	-	-	-	-	-	-	-	-	47
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	27,163	-	-	-	-	-	-	-	-	-	-	-	-	27,163
805: Land and Land Rights	69,146	-	-	-	-	-	-	-	-	-	-	-	-	69,146
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	44,745	12,550	12,550	12,550	12,550	12,550	12,550	12,550	12,550	12,550	12,550	12,550	12,550	195,345
914: Pension and Benefits	130,646	38,383	38,383	38,383	38,383	38,383	38,383	38,383	38,383	38,383	38,383	38,383	38,383	591,246
915: Injuries and Damages	49,530	16,583	16,583	16,583	16,583	16,583	16,583	16,583	16,583	16,583	16,583	16,583	16,583	248,530
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	591	-	-	-	-	-	-	-	-	-	-	-	-	591
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	202,132	36,709	36,709	36,709	36,709	36,709	36,709	36,709	36,709	36,709	36,709	36,709	36,709	642,642
926: A&G Loads	245,431	23,933	23,933	23,933	23,933	23,933	23,933	23,933	23,933	23,933	23,933	23,933	23,933	532,631
928: AFUDC Debt	70,883	14,729	16,439	18,158	19,884	21,620	23,363	25,116	26,876	820	2,463	4,114	5,773	250,235
929: AFUDC Equity	189,345	18,788	20,970	23,162	25,365	27,579	29,803	32,038	34,284	1,045	3,141	5,248	7,364	418,133
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	(13,088,335)	-	-	-	-	(13,088,335)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	(300,562)	-	-	-	-	(300,562)
Project Net	6,652,116	828,343	832,235	836,146	840,076	844,025	847,993	851,980	(12,532,911)	796,691	800,430	804,187	807,962	3,209,270

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,585,686	125,837	125,837	125,837	125,837	125,837	125,837	125,837	125,837	125,837	125,837	125,837	125,837	4,095,725
120: Overtime-General	5,193	-	-	-	-	-	-	-	-	-	-	-	-	5,193
350: Material Issues-Major	650,993	-	-	-	-	-	-	-	-	-	-	-	-	650,993
370: Outside Services	10,298,701	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	1,132,529	1,132,529	17,563,760
374: Outside Services Legal	81,885	-	-	-	-	-	-	-	-	-	-	-	-	81,885
377: Outside Svcs-Temp Labor	47	-	-	-	-	-	-	-	-	-	-	-	-	47
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	27,163	-	-	-	-	-	-	-	-	-	-	-	-	27,163
805: Land and Land Rights	69,146	-	-	-	-	-	-	-	-	-	-	-	-	69,146
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	195,345	9,476	9,476	9,476	9,476	9,476	9,476	9,476	9,476	9,476	9,476	9,476	9,476	309,051
914: Pension and Benefits	591,246	28,980	28,980	28,980	28,980	28,980	28,980	28,980	28,980	28,980	28,980	28,980	28,980	939,008
915: Injuries and Damages	248,530	12,521	12,521	12,521	12,521	12,521	12,521	12,521	12,521	12,521	12,521	12,521	12,521	398,779
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	591	-	-	-	-	-	-	-	-	-	-	-	-	591
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	642,642	33,841	33,841	33,841	33,841	33,841	33,841	33,841	33,841	33,841	33,841	65,467	65,467	1,111,983
926: A&G Loads	532,631	27,224	27,224	27,224	27,224	27,224	27,224	27,224	27,224	27,224	27,224	54,739	54,739	914,347
928: AFUDC Debt	250,235	6,239	7,556	8,879	10,209	11,545	12,888	14,237	15,594	16,956	18,326	20,305	22,896	415,865
929: AFUDC Equity	418,133	10,815	13,097	15,391	17,696	20,013	22,340	24,680	27,031	29,393	31,767	35,197	39,690	705,242
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(13,088,335)	-	-	-	-	-	-	-	-	-	-	-	-	(13,088,335)
825: Closing Cost of Removal	(300,562)	-	-	-	-	-	-	-	-	-	-	-	-	(300,562)
Project Net	3,209,270	754,931	758,530	762,148	765,782	769,435	773,106	776,795	780,502	784,227	787,970	1,485,051	1,492,134	13,899,880

Project No: 65008318 Control House Replacement

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 4/11/2018

Estimated Completion Date 12/31/2023

Description The purpose of this program is to replace control houses as well as the equipment housed within. This would included updated equipment to modern technology, updated relays, adequate batteries, and security.

Project Need Justification Current control houses at our older stations need to be updated for safety and to meet current technology and security standards. They also need to be properly sized to hold the sufficient size of batteries for the equipment and stations.

Project Alternatives There are no current alternatives, but to replace the control houses. Continued operation with these control houses poses a safety and reliability risk.

Project Estimate Approach The cost of this project was developed by using the standard procedure used by the System Engineering department. Specifically, basic material costs were evaluated by looking at actual costs of past projects. The cost figures of these projects are updated in the estimating software periodically to ensure accuracy. Additionally, labor and contractor estimates were created by evaluating information from past similar projects. All overhead costs are standard and calculated using the approved corporate software.

Customer Benefit Enhancing control houses and related equipment will positively impact system reliability. Specifically, these enhancements ensure that PNM can operate and protect critical equipment.

Primary Value Driver Reliability

Safety Many of the station control houses are at their useful life and in need of repair. Having new control houses will allow crews to work in control houses safely.

Reliability Many of the station control houses are at their useful life and in need of repair. Having new control houses will allow crews to work in control houses safely without the risk of touching exposed wires that could cause a trip.

System Performance

Security

Compliance

Environmental

Project No: 65008318 Control House Replacement

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	5,000	5,000	5,000	5,000	5,000	5,000	30,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	200,000	200,000	155,200	555,200
370: Outside Services	-	-	-	-	80,000	80,000	-	160,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	379	379	379	379	379	379	2,271
914: Pension and Benefits	-	1,076	1,076	1,076	1,076	1,076	1,076	6,456
915: Injuries and Damages	-	428	428	428	428	428	428	2,568
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	14,630	14,630	11,353	40,613
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	275	275	275	11,475	11,475	6,483	30,260
926: A&G Loads	-	198	198	198	11,286	11,286	6,344	29,510
928: AFUDC Debt	-	5	15	25	253	698	1,051	2,047
929: AFUDC Equity	-	12	36	61	606	1,675	2,522	4,912
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	7,373	7,407	7,442	325,132	326,647	189,836	863,837

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	30,000	-	-	-	-	-	-	5,000	5,000	5,000	5,000	5,000	5,000	60,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	555,200	-	-	-	-	-	-	-	-	770,000	755,000	375,000	439,200	2,894,400
370: Outside Services	160,000	-	-	-	-	-	-	7,000	50,000	10,000	-	-	-	227,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,271	-	-	-	-	-	-	377	377	377	377	377	377	4,530
914: Pension and Benefits	6,456	-	-	-	-	-	-	1,152	1,152	1,152	1,152	1,152	1,152	13,365
915: Injuries and Damages	2,568	-	-	-	-	-	-	498	498	498	498	498	498	5,553
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	40,613	-	-	-	-	-	-	-	-	56,179	55,085	27,360	32,044	211,281
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	30,260	-	-	-	-	-	-	701	2,851	39,351	38,101	19,101	22,311	152,677
926: A&G Loads	29,510	-	-	-	-	-	-	431	1,975	28,182	27,284	13,642	15,947	116,970
928: AFUDC Debt	2,047	1,782	1,790	1,799	1,808	1,817	1,825	1,850	1,938	2,950	4,814	6,203	7,221	37,844
929: AFUDC Equity	4,912	2,273	2,284	2,295	2,306	2,317	2,329	2,360	2,472	3,764	6,141	7,913	9,212	50,577
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(3,663,624)	(3,663,624)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(110,573)	(110,573)
Project Net	863,837	4,055	4,075	4,094	4,114	4,134	4,154	19,367	66,262	917,452	893,450	456,244	(3,241,237)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	60,000	-	-	-	-	-	-	-	-	-	-	-	-	60,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,894,400	-	-	-	-	-	-	-	-	-	-	-	-	2,894,400
370: Outside Services	227,000	-	-	-	-	-	-	-	-	-	-	-	-	227,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,530	-	-	-	-	-	-	-	-	-	-	-	-	4,530
914: Pension and Benefits	13,365	-	-	-	-	-	-	-	-	-	-	-	-	13,365
915: Injuries and Damages	5,553	-	-	-	-	-	-	-	-	-	-	-	-	5,553
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	211,281	-	-	-	-	-	-	-	-	-	-	-	-	211,281
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	152,677	-	-	-	-	-	-	-	-	-	-	-	-	152,677
926: A&G Loads	116,970	-	-	-	-	-	-	-	-	-	-	-	-	116,970
928: AFUDC Debt	37,844	-	-	-	-	-	-	-	-	-	-	-	-	37,844
929: AFUDC Equity	50,577	-	-	-	-	-	-	-	-	-	-	-	-	50,577
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,663,624)	-	-	-	-	-	-	-	-	-	-	-	-	(3,663,624)
825: Closing Cost of Removal	(110,573)	-	-	-	-	-	-	-	-	-	-	-	-	(110,573)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65008319 ER-RE Line HOD to MOD Switches

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2019

Estimated Completion Date 8/1/2022

Description

The distribution line switches fed from the Embudo (ER) and Reeves (RE) 115kV lines were designed to be switched from one 115kV line to the other in order to isolate a line for planned or emergency maintenance. These switches are currently manually operated by PNM personnel. The purpose of this project is to replace these switches with supervisory control and data acquisition (SCADA) control or motors.

Project Need Justification

Because these push button (PB) switches do not have SCADA control or motors, substation personnel must switch them while standing directly underneath the energized equipment. In the case of a line fault or a switch failure during switching, the switching personnel would be in danger. The lack of SCADA indication on Power Operation's Emergency Management System (EMS) also creates a safety and reliability risk, as transmission system operators rely on changing the PB status by hand. If the switch indication is entered incorrectly, system operators could drop customer load (30,000 customers) or create a safety hazard by requesting an incorrect switching step. Installing motors and SCADA control would improve safety and reliability on the ER and RE 115kV lines.

Project Alternatives

The only alternative to this project is the do-nothing approach. This alternative was not considered because existing operations are dangerous for PNM personnel. Additionally, manual intervention is prone to errors that could result in system outages and disruptions.

Project Estimate Approach

Not required for projects with less than \$250,000 of expenditures.

Customer Benefit

Installing motors and SCADA controls would eliminate error from the current manual request of step switching. By eliminating manual intervention, these enhancements will have a positive impact on system safety and reliability. Improved system reliability will benefit customers.

Primary Value Driver Reliability

Safety Currently, PNM personnel manually request step switching. This process requires that personnel stand directly underneath energized equipment. Additionally, manual intervention is prone to error that can damage equipment. These enhancements will have a positive impact on system safety by eliminating manual intervention from personnel.

Reliability The lack of SCADA indication on Power Operation's EMS is a reliability risk, as transmission system operators rely on changing the PB status by hand. If the switch indication is entered incorrectly, system operators could drop customer load (30,000 customers) or create a safety hazard by requesting an incorrect switching step. Installing motors and SCADA control would improve safety and reliability on the ER and RE 115kV lines.

System Performance

Security

Compliance

Environmental

Project No:	65008319 ER-RE Line HOD to MOD Switches							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	28,634	-	-	-	-	-	-	28,634
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	90	-	-	-	-	-	-	90
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	(1,091)	-	-	-	-	-	-	(1,091)
926: A&G Loads	1,537	-	-	-	-	-	-	1,537
928: AFUDC Debt	241	43	43	-	-	-	-	327
929: AFUDC Equity	740	103	103	-	-	-	-	946
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(30,607)	-	-	-	-	(30,607)
825: Closing Cost of Removal	-	-	-	164	-	-	-	164
Project Net	30,152	146	(30,461)	164	-	-	-	(0)

Project No:	65008319 ER-RE Line HOD to MOD Switches													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	28,634	-	-	-	-	-	-	-	-	-	-	-	-	28,634
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	90	-	-	-	-	-	-	-	-	-	-	-	-	90
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(1,091)	-	-	-	-	-	-	-	-	-	-	-	-	(1,091)
926: A&G Loads	1,537	-	-	-	-	-	-	-	-	-	-	-	-	1,537
928: AFUDC Debt	327	-	-	-	-	-	-	-	-	-	-	-	-	327
929: AFUDC Equity	946	-	-	-	-	-	-	-	-	-	-	-	-	946
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(30,607)	-	-	-	-	-	-	-	-	-	-	-	-	(30,607)
825: Closing Cost of Removal	164	-	-	-	-	-	-	-	-	-	-	-	-	164
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	65008319 ER-RE Line HOD to MOD Switches													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	28,634	-	-	-	-	-	-	-	-	-	-	-	-	28,634
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	90	-	-	-	-	-	-	-	-	-	-	-	-	90
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(1,091)	-	-	-	-	-	-	-	-	-	-	-	-	(1,091)
926: A&G Loads	1,537	-	-	-	-	-	-	-	-	-	-	-	-	1,537
928: AFUDC Debt	327	-	-	-	-	-	-	-	-	-	-	-	-	327
929: AFUDC Equity	946	-	-	-	-	-	-	-	-	-	-	-	-	946
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(30,607)	-	-	-	-	-	-	-	-	-	-	-	-	(30,607)
825: Closing Cost of Removal	164	-	-	-	-	-	-	-	-	-	-	-	-	164
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65008320 Transmission Comm Improvement 2020

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 8/1/2022

Description
This project includes the on-going upgrade and modernization of communications system that carries traffic for PNM's system monitoring, relaying, and cyber security information. Devices require lifecycle refresh or improvements to accommodate additional data requirements.

Project Need Justification
This project is required to continue the upgrades of PNM's telecommunications systems in support of system monitoring, protective relaying and North American Electric Reliability Corporation (NERC) Critical Infrastructure Program (CIP) 3 upgrade requirements. This project will fund upgrades of telecommunications infrastructure, including All Dielectric Self Supporting (ADSS) and optical ground wire (OPGW) fiber optic networks and paths, Synchronous Optical Network (SONET), microwave radio, direct current (DC) power and ancillary systems to improve redundancy and reliability PNM's telecommunications network. These assets will be located in locations throughout New Mexico to improve the network.

Project Alternatives
The only alternative is to do nothing. This approach was not considered as this is an on-going maintenance of PNM's communications infrastructure.

Project Estimate Approach
The estimate of the project accounts for the costs of replacement materials and labor to perform the upgrades and modernizations.

Customer Benefit
Customers benefit from reliability on the system through up-to-date communications that ensure substations remain online and secure.

Primary Value Driver Reliability

Safety

Reliability
The communications infrastructure is critical to ensuring on-going monitoring and supervisory control of the grid, proper functions of the protection systems, and cyber security of the substations, which are supported by this project.

System Performance

Security

Compliance
This project ensures ongoing compliance with security and communications requirements such as those governed by NERC CIP 3.

Environmental

Project No:	65008320 Transmission Comm Improvement 2020							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	107,896	-	-	-	-	-	-	107,896
120: Overtime-General	19,651	-	-	-	-	-	-	19,651
350: Material Issues-Major	660,666	-	-	-	-	-	-	660,666
370: Outside Services	110,728	-	-	-	-	-	-	110,728
374: Outside Services Legal	3,749	-	-	-	-	-	-	3,749
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	38,404	-	-	-	-	-	-	38,404
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,663	-	-	-	-	-	-	9,663
914: Pension and Benefits	30,428	-	-	-	-	-	-	30,428
915: Injuries and Damages	11,077	-	-	-	-	-	-	11,077
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,157	-	-	-	-	-	-	2,157
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	45,944	-	-	-	-	-	-	45,944
926: A&G Loads	47,617	-	-	-	-	-	-	47,617
928: AFUDC Debt	8,735	326	327	-	-	-	-	9,388
929: AFUDC Equity	22,459	781	785	-	-	-	-	24,025
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(888,615)	-	(232,779)	-	-	-	-	(1,121,394)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	230,560	1,107	(231,667)	-	-	-	-	-

Project No:	65008320 Transmission Comm Improvement 2020													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	107,896	-	-	-	-	-	-	-	-	-	-	-	-	107,896
120: Overtime-General	19,651	-	-	-	-	-	-	-	-	-	-	-	-	19,651
350: Material Issues-Major	660,666	-	-	-	-	-	-	-	-	-	-	-	-	660,666
370: Outside Services	110,728	-	-	-	-	-	-	-	-	-	-	-	-	110,728
374: Outside Services Legal	3,749	-	-	-	-	-	-	-	-	-	-	-	-	3,749
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	38,404	-	-	-	-	-	-	-	-	-	-	-	-	38,404
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,663	-	-	-	-	-	-	-	-	-	-	-	-	9,663
914: Pension and Benefits	30,428	-	-	-	-	-	-	-	-	-	-	-	-	30,428
915: Injuries and Damages	11,077	-	-	-	-	-	-	-	-	-	-	-	-	11,077
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,157	-	-	-	-	-	-	-	-	-	-	-	-	2,157
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	45,944	-	-	-	-	-	-	-	-	-	-	-	-	45,944
926: A&G Loads	47,617	-	-	-	-	-	-	-	-	-	-	-	-	47,617
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	9,388
929: AFUDC Equity	24,025	-	-	-	-	-	-	-	-	-	-	-	-	24,025
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,121,394)	-	-	-	-	-	-	-	-	-	-	-	-	(1,121,394)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	65008320 Transmission Comm Improvement 2020													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	107,896	-	-	-	-	-	-	-	-	-	-	-	-	107,896
120: Overtime-General	19,651	-	-	-	-	-	-	-	-	-	-	-	-	19,651
350: Material Issues-Major	660,666	-	-	-	-	-	-	-	-	-	-	-	-	660,666
370: Outside Services	110,728	-	-	-	-	-	-	-	-	-	-	-	-	110,728
374: Outside Services Legal	3,749	-	-	-	-	-	-	-	-	-	-	-	-	3,749
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	38,404	-	-	-	-	-	-	-	-	-	-	-	-	38,404
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,663	-	-	-	-	-	-	-	-	-	-	-	-	9,663
914: Pension and Benefits	30,428	-	-	-	-	-	-	-	-	-	-	-	-	30,428
915: Injuries and Damages	11,077	-	-	-	-	-	-	-	-	-	-	-	-	11,077
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,157	-	-	-	-	-	-	-	-	-	-	-	-	2,157
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	45,944	-	-	-	-	-	-	-	-	-	-	-	-	45,944
926: A&G Loads	47,617	-	-	-	-	-	-	-	-	-	-	-	-	47,617
928: AFUDC Debt	9,388	-	-	-	-	-	-	-	-	-	-	-	-	9,388
929: AFUDC Equity	24,025	-	-	-	-	-	-	-	-	-	-	-	-	24,025
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,121,394)	-	-	-	-	-	-	-	-	-	-	-	-	(1,121,394)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 65008392 West Mesa Control House Replacement

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 5/31/2024

Description

This project involves replacing the existing West Mesa Control House with a larger control house to house more modern protection systems (e.g., relays). The scope of this project involves completing a detailed building specification for the procurement of a new and larger 230kV / 345kV control house; procuring the new control house including batteries, marshalling cabinets, and cable trays; evaluating the existing station AC auxiliary service circuits and loads based on current demand and the needs of the new larger control house, and finalizing these circuits for the new control houses; and lastly installing and energizing the new West Mesa 230/345kV control house replacement which includes installing new pier foundations, cable trays, generators, and station service voltage transformer, as well as any additional repairs/replacements of related distribution material/equipment.

As part of this project, PNM will also formally document the design for this scope of work and develop the basis of a PNM control house standard that will be used moving forward.

Project Need Justification

Following a series of significant reliability events, PNM embarked on a systematic, system-wide relay replacement project intended to standardize and modernize its protection systems. To that end, PNM has pursued this work on a risk-prioritized basis to ensure relay replacements are done in the areas that required the most urgent attention. Existing control houses, like West Mesa, that do not have adequate space to complete modernization efforts must be replaced.

Prior to replacing an existing smaller control buildings with new larger control buildings, an evaluation of the future build out needs, and the existing system needs is completed. This project is based on the findings of this evaluation. PNM has also documented the potential future needs of this station in a one-line diagram.

Project Alternatives

The alternative would be to do nothing. This would prohibit PNM from making the necessary relay upgrades which would not resolve the current risk to the reliability of the system.

Project Estimate Approach

This project was estimated based on costs from other recent substation construction projects, and quotes for labor and materials.

Customer Benefit

Customers benefit from this project with increased reliability and improved system performance based on the capabilities and features of the upgraded relays.

Primary Value Driver Reliability

Safety

Reliability The upgraded relay panels have more modern technology and updated control functionality that will improve system reliability.

System Performance

Security

Compliance

Environmental

Project No:	65008392 West Mesa Control House Replacement							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	51,563	4,442	141,099	144,611	144,611	145,525	145,525	777,377
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,908,081	-	360,076	360,076	360,076	377,449	377,449	3,743,206
370: Outside Services	310,419	39,982	(26,380)	5,224	5,224	5,224	5,224	344,918
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	924	-	216,046	216,046	216,046	216,046	216,046	1,081,152
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,878	336	10,681	10,947	10,947	11,016	11,016	58,822
914: Pension and Benefits	11,097	956	30,365	31,120	31,120	31,317	31,317	167,292
915: Injuries and Damages	4,097	380	12,078	12,379	12,379	12,457	12,457	66,226
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	6,617	-	26,340	26,340	26,340	27,610	27,610	140,857
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	123,872	1,844	29,759	31,216	31,216	31,961	31,961	281,829
926: A&G Loads	92,208	1,759	27,357	28,748	28,748	29,472	29,472	237,764
928: AFUDC Debt	12,561	3,660	4,278	5,459	6,672	7,906	9,160	49,695
929: AFUDC Equity	37,563	8,784	10,268	13,102	16,014	18,975	21,985	126,691
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	2,562,879	62,144	841,967	885,266	889,392	914,958	919,223	7,075,830

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	777,377	145,525	145,525	145,525	145,525	145,525	145,525	145,525	145,525	145,525	580	580	580	2,088,845
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	3,743,206	377,449	377,449	377,449	377,449	377,449	377,449	377,449	377,449	377,449	-	-	-	7,140,246
370: Outside Services	344,918	5,224	5,224	5,224	5,224	5,224	5,224	5,224	5,224	5,224	5,224	5,224	5,224	407,607
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,081,152	216,046	216,046	216,046	216,046	216,046	216,046	216,046	216,046	216,046	-	-	-	3,025,562
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	58,822	10,958	10,958	10,958	10,958	10,958	10,958	10,958	10,958	10,958	44	44	44	157,575
914: Pension and Benefits	167,292	33,514	33,514	33,514	33,514	33,514	33,514	33,514	33,514	33,514	134	134	134	469,323
915: Injuries and Damages	66,226	14,480	14,480	14,480	14,480	14,480	14,480	14,480	14,480	14,480	58	58	58	196,718
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	140,857	27,539	27,539	27,539	27,539	27,539	27,539	27,539	27,539	27,539	-	-	-	388,705
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	281,829	40,160	40,160	40,160	40,160	40,160	40,160	40,160	40,160	40,160	302	302	302	644,173
926: A&G Loads	237,764	26,718	26,718	26,718	26,718	26,718	26,718	26,718	26,718	26,718	208	208	208	478,855
928: AFUDC Debt	49,695	15,699	926	2,781	4,646	6,519	8,402	10,294	12,194	14,104	15,105	15,192	15,279	170,835
929: AFUDC Equity	126,691	20,027	1,181	3,548	5,926	8,316	10,718	13,131	15,556	17,992	19,268	19,379	19,490	281,222
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	(7,855,584)	-	-	-	-	-	-	-	-	-	-	-	(7,855,584)
825: Closing Cost of Removal	-	(153,585)	-	-	-	-	-	-	-	-	-	-	-	(153,585)
Project Net	7,075,830	(7,075,830)	899,719	903,941	908,184	912,448	916,732	921,037	925,363	929,709	40,923	41,121	41,318	7,440,496

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,088,845	580	580	(2,931)	(2,931)	(2,931)	-	-	-	-	-	-	-	2,081,212
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	7,140,246	-	-	-	-	-	-	-	-	-	-	-	-	7,140,246
370: Outside Services	407,607	5,224	534,618	(26,380)	(26,380)	(26,380)	-	-	-	-	-	-	-	868,311
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,025,562	-	-	-	-	-	-	-	-	-	-	-	-	3,025,562
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	157,575	44	44	(221)	(221)	(221)	-	-	-	-	-	-	-	157,001
914: Pension and Benefits	469,323	134	134	(675)	(675)	(675)	-	-	-	-	-	-	-	467,565
915: Injuries and Damages	196,718	58	58	(292)	(292)	(292)	-	-	-	-	-	-	-	195,958
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	388,705	-	-	-	-	-	-	-	-	-	-	-	-	388,705
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	644,173	302	26,772	(1,525)	(1,525)	(1,525)	-	-	-	-	-	-	-	666,672
926: A&G Loads	478,855	253	23,281	(1,275)	(1,275)	(1,275)	-	-	-	-	-	-	-	498,563
928: AFUDC Debt	170,835	12,988	13,568	14,116	14,127	14,139	-	-	-	-	-	-	-	239,773
929: AFUDC Equity	281,222	22,514	23,519	24,469	24,489	24,508	-	-	-	-	-	-	-	400,721
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,855,584)	-	-	-	-	(7,890,338)	-	-	-	-	-	-	-	(15,745,922)
825: Closing Cost of Removal	(153,585)	-	-	-	-	(230,782)	-	-	-	-	-	-	-	(384,367)
Project Net	7,440,496	42,097	622,574	5,287	5,318	(8,115,772)	-	-	-	-	-	-	-	0

Project No: 65008514 Pachmann Substation-Transmission

Company: 002 Transmission Services
 Location: 650 Transmission General

Project Information

County % Sandoval 100%

Estimated Start Date 7/1/2019
 Estimated Completion Date 3/31/2024

Description
 Substation reliability is contingent on its configuration. The purpose of this project is to convert the Pachmann switching station from a five-position ring bus configuration to a seven-position breaker and a half configuration. This configuration has two buses that are both energized during normal operation. This allows any breaker to be removed for maintenance without affecting service on the corresponding existing feeder. Specifically, these enhancements require three 115kV breakers and bus expansion; one 115-12.47kV, 33.6 Mega Volt Amp (MVA) transformer with a four-feeder switchgear; and tie breaker.

Project Need Justification
 Due to the existing load and future growth expected in the Rio Rancho Metro area, these enhancements will help support existing stations that are near or over capacity as well as serve new load that will be added. The addition of a substation transformer within the existing Pachmann Switching Station allows the transformer to be connected to the 115kV station rather than tapping the Pachmann-Algodones 115kV line (AL 115kV line). This will enhance the reliability of the new substation transformer by avoiding an outage of the transformer should the AL 115kV line experience an outage.

Project Alternatives
 The three alternatives considered required the extension of the AL 115kV line to a new substation location. The selected enhancements require no extension of this transmission line other than within the existing switchyard.

Project Estimate Approach
 This project was estimated using other substation designs and estimates based on actual construction costs from previously built substations and quotes received.

Customer Benefit
 The addition of a substation transformer within the existing Pachmann Switching Station allows the transformer to be connected to the 115kV station rather than tapping the AL 115kV line. This will enhance the reliability of the new substation transformer by avoiding an outage of the transformer should the AL 115kV line experience an outage. By positively impacting system reliability, these enhancements will benefit customers.

Primary Value Driver Reliability
Safety

Reliability
 Due to the existing load and future growth expected in the Rio Rancho Metro area, this substation will help to support the existing stations that are near or over capacity as well as serve new load that will be added. Additionally, These upgrades will minimize system outages and disruptions by supporting other existing stations. These enhancements will positively impact system reliability, which will be reflected in improved System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) results.

System Performance
 The overall system will improve with the addition of the new substation as there will be less outages on the system.

Security

Compliance

Environmental

Project No:	65008514 Pachmann Substation-Transmission							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	42,750	9,680	3,428	3,428	3,428	3,428	3,428	69,568
120: Overtime-General	404	-	-	-	-	-	-	404
350: Material Issues-Major	379,714	-	40,780	40,780	40,780	40,780	40,780	583,615
370: Outside Services	369,324	87,119	11,532	11,532	11,532	11,532	11,532	514,105
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	4,270	-	-	-	-	-	-	4,270
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,243	733	259	259	259	259	259	5,273
914: Pension and Benefits	9,660	2,083	738	738	738	738	738	15,432
915: Injuries and Damages	3,404	829	293	293	293	293	293	5,699
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,264	-	2,983	2,983	2,983	2,983	2,983	17,180
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	20,904	4,018	2,281	2,281	2,281	2,281	2,281	36,328
926: A&G Loads	42,832	3,833	2,207	2,207	2,207	2,207	2,207	57,701
928: AFUDC Debt	15,736	1,408	1,533	1,629	1,725	1,822	1,919	25,773
929: AFUDC Equity	50,359	3,380	3,680	3,910	4,141	4,373	4,606	74,449
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(1,396,873)	(1,396,873)
825: Closing Cost of Removal	-	-	-	-	-	-	(12,924)	(12,924)
Project Net	944,864	113,083	69,716	70,041	70,368	70,697	(1,338,770)	0

Project No:	65008514 Pachmann Substation-Transmission													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	69,568	3,428	3,428	69,068	69,068	69,068	19,858	19,858	19,858	17,712	17,712	17,712	17,712	414,052
120: Overtime-General	404	-	-	-	-	-	-	-	-	-	-	-	-	404
350: Material Issues-Major	583,615	40,780	40,780	204,882	204,882	204,882	40,780	40,780	40,780	-	-	-	-	1,402,161
370: Outside Services	514,105	11,532	11,532	11,532	11,532	11,532	159,408	159,408	159,408	159,408	159,408	159,408	538,687	2,066,899
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	4,270	-	-	98,461	98,461	98,461	-	-	-	-	-	-	-	299,653
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,273	258	258	5,201	5,201	5,201	1,495	1,495	1,495	1,334	1,334	1,334	1,334	31,213
914: Pension and Benefits	15,432	789	789	15,906	15,906	15,906	4,573	4,573	4,573	4,079	4,079	4,079	4,079	94,766
915: Injuries and Damages	5,699	341	341	6,872	6,872	6,872	1,976	1,976	1,976	1,762	1,762	1,762	1,762	39,976
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	17,180	2,975	2,975	14,948	14,948	14,948	2,975	2,975	2,975	-	-	-	-	76,901
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	36,328	2,856	2,856	20,596	20,596	20,596	11,405	11,405	11,405	9,215	9,215	9,215	28,179	193,866
926: A&G Loads	57,701	2,001	2,001	13,784	13,784	13,784	7,900	7,900	7,900	6,359	6,359	6,359	19,975	165,804
928: AFUDC Debt	25,773	67	201	745	1,700	2,659	3,406	-	-	-	-	-	-	34,550
929: AFUDC Equity	74,449	85	257	950	2,168	3,392	4,344	-	-	-	-	-	-	85,646
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,396,873)	-	-	-	-	-	(1,731,101)	(242,859)	(242,859)	(193,872)	(193,872)	(193,872)	(593,376)	(4,788,683)
825: Closing Cost of Removal	(12,924)	-	-	-	-	-	(52,921)	-	-	-	-	-	-	(65,846)
Project Net	0	65,114	65,419	462,947	465,119	467,303	(1,525,902)	7,511	7,511	5,996	5,996	5,996	18,352	51,362

Project No:	65008514 Pachmann Substation-Transmission													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	414,052	1,281	1,281	1,281	-	-	-	-	-	-	-	-	-	417,896
120: Overtime-General	404	-	-	-	-	-	-	-	-	-	-	-	-	404
350: Material Issues-Major	1,402,161	-	-	-	-	-	-	-	-	-	-	-	-	1,402,161
370: Outside Services	2,066,899	11,532	11,532	11,532	-	-	-	-	-	-	-	-	-	2,101,496
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	299,653	-	-	-	-	-	-	-	-	-	-	-	-	299,653
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	31,213	96	96	96	-	-	-	-	-	-	-	-	-	31,502
914: Pension and Benefits	94,766	295	295	295	-	-	-	-	-	-	-	-	-	95,652
915: Injuries and Damages	39,976	128	128	128	-	-	-	-	-	-	-	-	-	40,358
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	76,901	-	-	-	-	-	-	-	-	-	-	-	-	76,901
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	193,866	667	667	667	-	-	-	-	-	-	-	-	-	195,866
926: A&G Loads	165,804	557	557	557	-	-	-	-	-	-	-	-	-	167,476
928: AFUDC Debt	34,550	-	-	-	-	-	-	-	-	-	-	-	-	34,550
929: AFUDC Equity	85,646	-	-	-	-	-	-	-	-	-	-	-	-	85,646
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,788,683)	(14,120)	(14,120)	(14,120)	-	-	-	-	-	-	-	-	-	(4,831,043)
825: Closing Cost of Removal	(65,846)	-	-	(52,672)	-	-	-	-	-	-	-	-	-	(118,518)
Project Net	51,362	437	437	(52,236)	-	-	-	-	-	-	-	-	-	0

Project No: 65008618 Remote Terminal Units Upgrade

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 4/17/2018

Estimated Completion Date 12/31/2025

Description
Remote Terminal Units (RTU) in monitoring-stations provide PNM's Power Operations (PWOPS) the ability to monitor electric systems and critical paths of the transmission system. As newer relays and other equipment are going toward a LAN base type of communication, some of the RTUs needed to be replaced to support system growth and expansion. The purpose of this project is to replace aging transmission station RTUs and associated hardware. Specifically, this hardware includes the RTU itself, status boards, analog boards, and control relay modules.

Project Need Justification
Aging equipment has been causing callouts for erroneous alarms from failing points on the old status boards. Additionally, some control relays have been found fused together. These boards are being temporarily rewired until they can be replaced. PNM finds issues with compatibility when RTUs are replaced, but associated hardware is not. Because of compatibility issues, control commands have to be sent twice from PWOPS in order to make them operate. Installing the new RTU manufacturer's hardware eliminates this problem.

Several RTU's also need their failed CPUs replaced. A few of the 345kV station RTU's also require Sync Panel Upgrades. Some of the equipment, only approximately 10 years old, is no longer supported by the manufacturer, resulting in software incompatibility with current Windows versions. The newer RTUs also provide more password capability and network security which keeps PNM in compliance with North American Electric Reliability Corporation Critical Infrastructure Protection (NERC CIP) regulations.

Project Alternatives
The only alternative to this project is the do-nothing approach. This alternative was not considered, as existing technology has resulted in erroneous alarms and extensive maintenance. Additionally, existing infrastructure does not keep PNM in compliance with NERC CIP regulations.

Project Estimate Approach
The cost estimate of this project has been developed by identifying how many stations need upgrades. Additionally, specific hardware upgrades are identified for each station. Advanced Control Systems (ACS) Power, a vendor, provided quotes for the equipment required at the various locations. Each RTU is different based on the amount of equipment in the station, so the quotes are customized for each individual station. The quotes are then bundled together to form one PNM System RTU Upgrade Project.

Customer Benefit
With the equipment upgrade, there will be fewer RTU equipment failures and consequently fewer callouts and false alarms. Additionally, these enhancements will reduce unplanned and planned outage time. Less operations and maintenance has a positive impact on system reliability, thereby benefiting customers.

Primary Value Driver Reliability

Safety These enhancements will mitigate catastrophic equipment failures in the event of an RTU failure and PWOPS losing control of the system. Additionally, these enhancements will mitigate safety risks to PNM personnel, as equipment failures have the potential to injure personnel.

Reliability

System Performance

Security

Compliance NERC and CIP regulation compliance are mandatory. Specifically, NERC compliance includes upgrading infrastructure of the monitoring system.

- Example of NERC Standards that apply:
 FAC-501-WECC-1: Transmission Maintenance
 TOP-010-1: Real-time Reliability Monitoring and Analysis Capabilities
 TOP-001-4: Prevent instability, uncontrolled separation, or cascading outages that adversely impact the reliability of the interconnection by ensuring prompt action to prevent or mitigate such occurrences
 PRC-005 - Protection Systems Affecting the Reliability of the Bulk Electric System (BES)
 CIP-007 - Systems Security Management

Environmental

Project No:	65008618 Remote Terminal Units Upgrade							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	76,550	3,000	3,000	3,000	3,000	3,000	3,000	94,550
120: Overtime-General	16,744	-	-	-	-	-	-	16,744
350: Material Issues-Major	474,875	5,000	5,000	5,000	5,000	10,000	1,000	505,875
370: Outside Services	113,705	15,000	20,000	20,000	20,000	20,000	10,000	218,705
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	22,067	-	-	-	-	-	-	22,067
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	22,060	-	-	-	-	-	-	22,060
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,227	227	227	227	227	227	227	8,590
914: Pension and Benefits	23,416	646	646	646	646	646	646	27,290
915: Injuries and Damages	7,351	257	257	257	257	257	257	8,892
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,674	366	366	366	366	732	73	5,942
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	54,600	965	1,165	1,165	1,165	1,365	605	61,031
926: A&G Loads	46,563	911	1,109	1,109	1,109	1,307	554	52,661
928: AFUDC Debt	35,012	520	562	609	655	706	746	38,810
929: AFUDC Equity	67,288	1,248	1,350	1,461	1,572	1,694	1,791	76,404
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(595,490)	-	-	-	-	-	(539,576)	(1,135,066)
825: Closing Cost of Removal	(19,287)	-	-	-	-	-	(5,267)	(24,555)
Project Net	356,355	28,140	33,682	33,839	33,997	39,933	(525,945)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	94,550	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	130,550
120: Overtime-General	16,744	-	-	-	-	-	-	-	-	-	-	-	-	16,744
350: Material Issues-Major	505,875	1,000	1,000	1,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	10,000	1,000	554,875
370: Outside Services	218,705	-	2,000	5,000	20,000	15,000	20,000	15,000	20,000	20,000	20,000	20,000	10,000	385,705
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	22,067	-	-	-	-	-	-	-	-	-	-	-	-	22,067
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	22,060	-	-	-	-	-	-	-	-	-	-	-	-	22,060
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	8,590	226	226	226	226	226	226	226	226	226	226	226	226	11,300
914: Pension and Benefits	27,290	691	691	691	691	691	691	691	691	691	691	691	691	35,580
915: Injuries and Damages	8,892	299	299	299	299	299	299	299	299	299	299	299	299	12,474
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	5,942	73	73	73	365	365	365	365	365	365	365	730	73	9,517
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	61,031	261	361	511	1,461	1,211	1,461	1,211	1,461	1,461	1,461	1,711	761	74,361
926: A&G Loads	52,661	144	215	323	1,005	826	1,005	826	1,005	1,005	1,005	1,185	503	61,708
928: AFUDC Debt	38,810	6	20	40	84	145	206	148	209	276	343	417	475	41,179
929: AFUDC Equity	76,404	7	25	50	107	185	263	188	266	352	438	532	606	79,426
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,135,066)	-	-	-	-	-	(56,533)	-	-	-	-	-	(232,617)	(1,424,216)
825: Closing Cost of Removal	(24,555)	-	-	-	-	-	(1,731)	-	-	-	-	-	(7,045)	(33,331)
Project Net	0	5,706	7,910	11,212	32,238	26,947	(25,748)	26,953	32,521	32,674	32,827	38,789	(222,029)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	130,550	-	-	-	-	-	-	-	-	-	-	-	-	130,550
120: Overtime-General	16,744	-	-	-	-	-	-	-	-	-	-	-	-	16,744
350: Material Issues-Major	554,875	-	-	-	-	-	-	-	-	-	-	-	-	554,875
370: Outside Services	385,705	-	-	-	-	-	-	-	-	-	-	-	-	385,705
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	22,067	-	-	-	-	-	-	-	-	-	-	-	-	22,067
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	22,060	-	-	-	-	-	-	-	-	-	-	-	-	22,060
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,300	-	-	-	-	-	-	-	-	-	-	-	-	11,300
914: Pension and Benefits	35,580	-	-	-	-	-	-	-	-	-	-	-	-	35,580
915: Injuries and Damages	12,474	-	-	-	-	-	-	-	-	-	-	-	-	12,474
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,517	-	-	-	-	-	-	-	-	-	-	-	-	9,517
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	74,361	-	-	-	-	-	-	-	-	-	-	-	-	74,361
926: A&G Loads	61,708	-	-	-	-	-	-	-	-	-	-	-	-	61,708
928: AFUDC Debt	41,179	-	-	-	-	-	-	-	-	-	-	-	-	41,179
929: AFUDC Equity	79,426	-	-	-	-	-	-	-	-	-	-	-	-	79,426
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,424,216)	-	-	-	-	-	-	-	-	-	-	-	-	(1,424,216)
825: Closing Cost of Removal	(33,331)	-	-	-	-	-	-	-	-	-	-	-	-	(33,331)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65008822 Sandia Peak Interconnection

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2023

Description
The Sandia Peak Interconnection project is the installation of a breaker and associated equipment needed to interconnect a 100 MW battery energy storage system to PNM's existing Reeves 115 KV substation to serve retail loads.

Project Need Justification
PNM provides generator interconnection services to its transmission system required under the Federal Energy Regulation Commission (FERC) Open Access Transmission Tariff (OATT). The FERC OATT requirements established the application requirements and the mutual obligations of PNM for any eligible interconnection customer seeking generator interconnection. PNM is required, per FERC regulations, to provide generator interconnection service on a non-discriminatory basis to any eligible interconnection customer that meets the criteria outlined in PNM's OATT. Under the procedures, PNM is required to use due diligence to implement the interconnection, and construct, own, and operate the interconnection facilities required to interconnect a generating facility to the PNM transmission system. The Sandia Peak Battery Energy Storage facility has met all required obligations for PNM interconnection.

Project Alternatives
Because PNM is required to interconnect the candidate generator interconnectors pursuant to FERC requirements from the PNM OATT and the Commission-approved purchased power agreement to purchase energy and storage capacity from the Sandia Peak facility, there are no feasible alternatives. Not building the project would preclude the Battery from interconnecting with the PNM transmission system. PNM is mandated under FERC regulation to interconnect wholesale generators and associated energy storage systems by providing non-discriminatory interconnection services to qualified customers.

Project Estimate Approach
The estimate was derived using prior project costs and quotes from equipment vendors.

Customer Benefit
The system performance will be improved through the addition of a new battery energy resource.

Primary Value Driver System Performance

Safety

Reliability

System Performance The system performance will be improved through the addition of a new battery energy resource.

Security

Compliance

Environmental

Project No:	65008822 Sandia Peak Interconnection							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	500,000	-	-	-	-	-	500,000
370: Outside Services	-	250,000	350,000	350,000	260,000	250,000	250,000	1,710,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	36,575	-	-	-	-	-	36,575
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	30,000	14,000	14,000	10,400	10,000	10,000	88,400
926: A&G Loads	-	29,700	13,860	13,860	10,296	9,900	9,900	87,516
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	846,275	377,860	377,860	280,696	269,900	269,900	2,422,491

Project No:	65008822 Sandia Peak Interconnection													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	500,000	-	-	-	-	-	-	-	-	-	-	-	-	500,000
370: Outside Services	1,710,000	-	-	-	-	-	-	-	-	-	-	-	-	1,710,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,575	-	-	-	-	-	-	-	-	-	-	-	-	36,575
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	88,400	-	-	-	-	-	-	-	-	-	-	-	-	88,400
926: A&G Loads	87,516	-	-	-	-	-	-	-	-	-	-	-	-	87,516
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(2,349,816)	(2,349,816)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(72,675)	(72,675)
Project Net	2,422,491	-	-	-	-	-	-	-	-	-	-	-	(2,422,491)	-

Project No:	65008822 Sandia Peak Interconnection													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	500,000	-	-	-	-	-	-	-	-	-	-	-	-	500,000
370: Outside Services	1,710,000	-	-	-	-	-	-	-	-	-	-	-	-	1,710,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,575	-	-	-	-	-	-	-	-	-	-	-	-	36,575
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	88,400	-	-	-	-	-	-	-	-	-	-	-	-	88,400
926: A&G Loads	87,516	-	-	-	-	-	-	-	-	-	-	-	-	87,516
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,349,816)	-	-	-	-	-	-	-	-	-	-	-	-	(2,349,816)
825: Closing Cost of Removal	(72,675)	-	-	-	-	-	-	-	-	-	-	-	-	(72,675)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 65008922 Rio Puerco-Pajarito 345kV ROW-WFF

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County %	Bernalillo	Sandoval
	67%	33%

Estimated Start Date: 1/1/2021
Estimated Completion Date: 1/31/2028

Description
Thus project will bring a new 345kV transmission line connecting the Rio Puerco Switchyard to the new Pajarito Switchyard. This will allow PNM to acquire land rights for the future electric transmission 345kV line. Additional efforts required include performing basic desktop conceptual design, environmental desktop screening for new +/-30 mile electric transmission corridor, project management initiatives, environmental studies, design support, land acquisition fees and land acquisition contractor fees, the completion of all project related land surveys and collection of Light Detection and Ranging (LiDAR).

Project Need Justification
The need to obtain this project right-of-way (ROW) becomes more pressing as development is scheduled to occur in the southwest and northwest quadrants of the city. The securing of these land rights will allow the future design and construction of 345kV transmission line.

Project Alternatives
Not obtaining land rights would render future construction of the line extremely challenging, as development takes place in the needed area, and is therefore not an option.

Project Estimate Approach
Costs are broken out into 6 major categories: Environmental, Project Management & Engineering, Survey Work & LiDAR, Land Services, Developer Land Acquisition Costs, and Private Land Acquisition Costs.

About 90% of the work is estimated to take place externally by contractors, and the remaining cost is estimated for internal coordination with Environmental and Land Services. Land Services will purchase land options only at this time to avoid sunk cost on the backend.

Customer Benefit
Customers will benefit from this project allowing for the shutdown of gas generation, improving system reliability by eliminating the need for Rio Puerco-West Mesa remedial action scheme (RAS), and providing redundancy for additional wind in Eastern New Mexico and for solar resources in Western Albuquerque.

Primary Value Driver
Reliability
Safety

Reliability
The eventual installation of the Rio Puerco-Pajarito 345kV line which will occupy this ROW will provide the following: (1) eliminate need for Rio Puerco-West Mesa RAS, (2) allow for shutdown of gas generation in Bernalillo and Sandoval County, (3) allow for addition of transformation at Pajarito, Prosperity and Hidden Mountain with redundant sources, (4) greatly reduce reliance on West Mesa Switching Station, (5) provide backbone transmission to support substantial amounts of load in currently undeveloped areas of Rio Rancho and western Albuquerque, (6), provide substantial capacity for new loads at Mesa Del Sol and in the Los Lunas and Belen areas, and (7) provide transmission redundancy for additional wind in eastern New Mexico and for solar resources in western Albuquerque.

System Performance

Security

Compliance

Environmental

Project No:	65008922 Rio Puerto-Pajarito 345kV ROW-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,214	(609,357)	5,339	7,893	5,339	7,784	22,784	(559,005)
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	6,159,511	(5,484,215)	48,048	71,037	48,048	25,058	25,058	892,545
374: Outside Services Legal	1,402	-	-	-	-	-	-	1,402
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	187	-	-	-	-	-	-	187
805: Land and Land Rights	-	-	-	-	-	45,000	180,000	225,000
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	92	(46,128)	404	598	404	589	1,725	(42,317)
914: Pension and Benefits	268	(131,134)	1,149	1,699	1,149	1,675	4,903	(120,291)
915: Injuries and Damages	100	(52,161)	457	676	457	666	1,950	(47,855)
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	19,499	-	-	-	-	-	-	19,499
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	180,598	(252,920)	2,216	3,276	2,216	1,431	2,257	(60,927)
926: A&G Loads	354,846	(241,305)	2,114	3,126	2,114	3,083	9,023	133,000
928: AFUDC Debt	49,803	-	-	-	-	-	-	49,803
929: AFUDC Equity	152,161	-	-	-	-	-	-	152,161
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(831,498)	(831,498)
825: Closing Cost of Removal	-	-	-	-	-	-	188,294	188,294
Project Net	6,919,681	(6,817,220)	59,726	88,304	59,726	85,287	(395,503)	0

Project No:	65008922 Rio Puerto-Pajarito 345kV ROW-WFF													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	(559,005)	17,784	17,784	192,844	27,844	7,844	3,044	8,252	8,252	8,252	54,755	95,756	98,160	(18,434)
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	892,545	25,058	25,058	25,594	25,594	25,594	25,594	38,269	38,269	38,269	42,793	47,520	69,153	1,319,309
374: Outside Services Legal	1,402	-	-	-	-	-	-	-	-	-	-	-	-	1,402
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	187	-	-	-	-	-	-	-	-	-	-	-	-	187
805: Land and Land Rights	225,000	135,000	135,000	1,710,000	225,000	45,000	1,800	36,000	36,000	36,000	450,000	814,286	814,286	4,663,371
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	(42,317)	1,339	1,339	14,521	2,097	591	229	621	621	621	4,123	7,210	7,391	(1,612)
914: Pension and Benefits	(120,291)	4,096	4,096	44,412	6,412	1,806	701	1,900	1,900	1,900	12,610	22,053	22,606	4,202
915: Injuries and Damages	(47,855)	1,770	1,770	19,188	2,770	780	303	821	821	821	5,448	9,528	9,767	5,932
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	19,499	-	-	-	-	-	-	-	-	-	-	-	-	19,499
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(60,927)	2,502	2,502	14,828	3,236	1,831	1,494	2,493	2,493	2,493	5,986	9,103	10,354	(1,611)
926: A&G Loads	133,000	6,385	6,385	69,231	9,996	2,816	1,093	2,963	2,963	2,963	19,657	34,376	35,239	327,065
928: AFUDC Debt	49,803	-	-	-	-	-	-	-	-	-	-	-	-	49,803
929: AFUDC Equity	152,161	-	-	-	-	-	-	-	-	-	-	-	-	152,161
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(831,498)	-	-	-	-	-	-	-	-	-	-	-	(5,701,729)	(6,533,227)
825: Closing Cost of Removal	188,294	-	-	-	-	-	-	-	-	-	-	-	(176,342)	11,952
Project Net	0	193,934	193,934	2,090,617	302,949	86,262	34,257	91,319	91,319	91,319	595,372	1,039,833	(4,811,115)	0

Project No:	65008922 Rio Puerto-Pajarito 345kV ROW-WFF													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	(18,434)	-	-	-	-	-	-	-	-	-	-	-	-	(18,434)
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	1,319,309	-	-	-	-	-	-	-	-	-	-	-	-	1,319,309
374: Outside Services Legal	1,402	-	-	-	-	-	-	-	-	-	-	-	-	1,402
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	187	-	-	-	-	-	-	-	-	-	-	-	-	187
805: Land and Land Rights	4,663,371	-	-	-	-	-	-	-	-	-	-	-	-	4,663,371
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	(1,612)	-	-	-	-	-	-	-	-	-	-	-	-	(1,612)
914: Pension and Benefits	4,202	-	-	-	-	-	-	-	-	-	-	-	-	4,202
915: Injuries and Damages	5,932	-	-	-	-	-	-	-	-	-	-	-	-	5,932
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	19,499	-	-	-	-	-	-	-	-	-	-	-	-	19,499
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(1,611)	-	-	-	-	-	-	-	-	-	-	-	-	(1,611)
926: A&G Loads	327,065	-	-	-	-	-	-	-	-	-	-	-	-	327,065
928: AFUDC Debt	49,803	-	-	-	-	-	-	-	-	-	-	-	-	49,803
929: AFUDC Equity	152,161	-	-	-	-	-	-	-	-	-	-	-	-	152,161
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,533,227)	-	-	-	-	-	-	-	-	-	-	-	-	(6,533,227)
825: Closing Cost of Removal	11,952	-	-	-	-	-	-	-	-	-	-	-	-	11,952
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65008952 Intel Expansion - Transmission

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Sandoval 100%

Estimated Start Date 10/1/2021

Estimated Completion Date 12/31/2023

Description

This project is for the expansion of the existing Corrales Bluff 115kV substation, to meet the increased load demand in the Rio Rancho area including Intel's expanding semiconductor manufacturing operations. The project includes installing one breaker and related equipment to separate the existing Sara 6 and Sara 7 transformers in the existing ring configuration to prevent loss of multiple Sara unit transformers simultaneously from a single bus fault. Additionally, one breaker and related equipment will be installed to create a new terminal for an additional 115/12.47kV transformer in the existing Corrales Bluff Substation. Its installation on the Southern end of the existing Corrales Bluffs substation will also enable the use of this location to serve other loads in the area.

Beyond these new installations, the project also involves replacing existing infrastructure that is aged or near the end of its useful life. This includes replacing the existing Sara Unit 3 115/12.47kV 22.4MVA transformer with a new 33.2 MVA transformer and purchasing a spare 115/12.47kV 60MVA transformer to ensure business continuity for Intel operations as there is currently no spare equipment in PNM's critical spares inventory for this size of transformer.

Intel will gain full use of the existing Sara Unit I Transformer (contingent upon completion of Corrales Bluff Unit I and the completion of the distribution work) as PNM will be able to transfer area load currently served by Sara Unit 1 to the new Corrales Bluffs Unit 1 transformer.

Project Need Justification

Intel owns and operates a semiconductor manufacturing facility consisting of one or more facilities located in PNM's service territory and intends to expand the facility and increase its load requirements over time. PNM has determined that an extension and network upgrades of the transmission and distribution system will be necessary to meet the customer's increased load requirements for its expansion project.

Project Alternatives

There are no viable alternatives to provide the additional load needed by Intel Corporation's planned expansion. This project will address Intel's needs in order for them to optimize their operations as a result of their expansion.

Project Estimate Approach

A request for proposal bid process open to three (3) engineering, procurement, and construction companies to complete this work. Only 1 bid was received that was incomplete, lacked relevant and necessary detail, and was not an entity that PNM has had previous experience with. The other two potential bidders, both of which PNM has had experience with, declined to bid due to the a fixed price and schedule contract. The non-bidders cited that the risks for their entities was too large given the volatility in the supply chain and labor market. PNM issued the RFP again, this time with a cost-plus approach to bring additional bidders to the table. One of the two typical vendors bid on the project and was awarded the contract for engineering, procurement, and construction.

Customer Benefit

PNM's customers will benefit from the upgrades to the Corrales Bluffs substation as it will be able to better meet the increasing load demands in the Rio Rancho area. Reliability should also increase as the new substation will be better equipment to meet demand.

Primary Value Driver System Performance

Safety

Reliability Replacing the aged switchgear and power transformer and installing the new unit substation would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would enhance the management of each feeder into Intel and the surrounding neighborhood.

System Performance The system performance will be improved through the addition of additional load serving capability at the Corrales Bluffs and Sara Substation sites.

Security

Compliance

Environmental

Project No:	65008952 Intel Expansion - Transmission							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	8,625	36,850	12,500	63,480	40,421	75,381	237,256
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	421,714	68,871	510,151	-	91,050	-	824,616	1,916,402
370: Outside Services	-	45,000	90,000	112,500	301,153	421,402	345,437	1,315,492
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	54,630	-	-	54,630
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	653	2,790	946	4,805	3,060	5,706	17,960
914: Pension and Benefits	-	1,856	7,930	2,690	13,661	8,698	16,222	51,057
915: Injuries and Damages	-	738	3,154	1,070	5,434	3,460	6,453	20,309
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,328	5,038	37,318	-	6,660	-	60,321	110,664
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	67,033	5,030	26,035	5,188	21,368	19,082	50,953	194,689
926: A&G Loads	16,700	4,851	25,225	4,950	20,208	18,288	49,319	139,542
928: AFUDC Debt	1,631	821	1,427	2,036	2,541	3,304	4,655	16,415
929: AFUDC Equity	4,537	1,970	3,426	4,887	6,098	7,930	11,171	40,019
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	512,943	143,452	744,306	146,768	591,088	525,645	1,450,233	4,114,435

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	237,256	30,980	31,480	31,480	9,000	4,500	2,000	1,157	-	-	-	-	-	347,852
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,916,402	-	-	-	-	-	-	-	-	-	-	-	-	1,916,402
370: Outside Services	1,315,492	336,437	340,937	283,320	81,000	40,500	18,000	10,409	-	-	-	-	-	2,426,096
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	54,630	-	-	-	-	-	-	-	-	-	-	-	-	54,630
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,960	2,333	2,370	2,370	678	339	151	87	-	-	-	-	-	26,288
914: Pension and Benefits	51,057	7,135	7,250	7,250	2,073	1,036	461	266	-	-	-	-	-	76,528
915: Injuries and Damages	20,309	3,083	3,132	3,132	896	448	199	115	-	-	-	-	-	31,313
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	110,664	-	-	-	-	-	-	-	-	-	-	-	-	110,664
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	194,689	18,998	19,258	16,378	4,682	2,341	1,041	602	-	-	-	-	-	257,989
926: A&G Loads	139,542	13,190	13,370	11,301	3,231	1,616	718	415	-	-	-	-	-	183,383
928: AFUDC Debt	16,415	8,946	9,845	10,690	11,212	11,424	11,554	11,647	11,717	11,774	11,831	11,888	11,945	150,886
929: AFUDC Equity	40,019	11,412	12,558	13,636	14,303	14,572	14,739	14,857	14,946	15,019	15,091	15,164	15,238	211,556
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(5,645,857)	(5,645,857)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(147,731)	(147,731)
Project Net	4,114,435	432,513	440,201	379,557	127,074	76,775	48,862	39,556	26,663	26,792	26,922	27,052	(5,766,405)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	347,852	-	-	-	-	-	-	-	-	-	-	-	-	347,852
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,916,402	-	-	-	-	-	-	-	-	-	-	-	-	1,916,402
370: Outside Services	2,426,096	-	-	-	-	-	-	-	-	-	-	-	-	2,426,096
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	54,630	-	-	-	-	-	-	-	-	-	-	-	-	54,630
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	26,288	-	-	-	-	-	-	-	-	-	-	-	-	26,288
914: Pension and Benefits	76,528	-	-	-	-	-	-	-	-	-	-	-	-	76,528
915: Injuries and Damages	31,313	-	-	-	-	-	-	-	-	-	-	-	-	31,313
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	110,664	-	-	-	-	-	-	-	-	-	-	-	-	110,664
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	257,989	-	-	-	-	-	-	-	-	-	-	-	-	257,989
926: A&G Loads	183,383	-	-	-	-	-	-	-	-	-	-	-	-	183,383
928: AFUDC Debt	150,886	-	-	-	-	-	-	-	-	-	-	-	-	150,886
929: AFUDC Equity	211,556	-	-	-	-	-	-	-	-	-	-	-	-	211,556
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,645,857)	-	-	-	-	-	-	-	-	-	-	-	-	(5,645,857)
825: Closing Cost of Removal	(147,731)	-	-	-	-	-	-	-	-	-	-	-	-	(147,731)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65008953 **Guadalupe 72 MVAR Regasket**

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Guadalupe 100%

Estimated Start Date 5/23/2022

Estimated Completion Date 9/1/2022

Description
This funding project is to re-gasket an aging reactor. Specifically, this funding project provides the funds to completely tear down and rebuild the sub-components of the reactor and reassemble each component with new materials to increase its useful life.

Project Need Justification
Materials on this reactor have failed essentially ending its safe, useful life. Re-gasketing the equipment is required in order to re-establish this reactor as a useful piece of equipment.

Project Alternatives
Currently, there are no viable alternatives to this project. This reactor is an integral part of our system and large equipment lead times this is the only realistic solution to keep this reactor in service.

Project Estimate Approach
This project is derived based on previous experience re-gasketing similar pieces of equipment. The labor used to complete this work is almost entirely internal and the hours and cost can be controlled using this method.

Customer Benefit
By re-gasketing this reactor, PNM can maximize system reliability and voltage that is allowed to flow through our system. This allows for more reusable energies to be generated from the wind farms and transferred through-out our system.

Primary Value Driver System Performance

Safety

Reliability

System Performance
This project will allow for system operations to adjust voltage in real time by introducing the reactor to the system or removing it when needed. This allows for us to use our system to its greatest capacity.

Security

Compliance

Environmental

Project No:	65008953 Guadalupe 72 MVAR Regasket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	55,397	53,538	-	-	-	-	-	108,935
120: Overtime-General	90,827	-	-	-	-	-	-	90,827
350: Material Issues-Major	3,891	-	-	-	-	-	-	3,891
370: Outside Services	1,818	-	-	-	-	-	-	1,818
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	49,541	-	-	-	-	-	-	49,541
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,069	4,053	-	-	-	-	-	15,122
914: Pension and Benefits	32,185	11,521	-	-	-	-	-	43,706
915: Injuries and Damages	12,517	4,583	-	-	-	-	-	17,100
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	51	-	-	-	-	-	-	51
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	6,377	2,948	-	-	-	-	-	9,325
926: A&G Loads	7,030	2,120	-	-	-	-	-	9,150
928: AFUDC Debt	154	362	417	419	-	-	-	1,352
929: AFUDC Equity	322	868	1,001	1,006	-	-	-	3,198
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(298,344)	-	-	-	(298,344)
825: Closing Cost of Removal	-	-	-	-	(55,672)	-	-	(55,672)
Project Net	271,180	79,992	1,419	(296,918)	(55,672)	-	-	-

Project No:	65008953 Guadalupe 72 MVAR Regasket													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	108,935	-	-	-	-	-	-	-	-	-	-	-	-	108,935
120: Overtime-General	90,827	-	-	-	-	-	-	-	-	-	-	-	-	90,827
350: Material Issues-Major	3,891	-	-	-	-	-	-	-	-	-	-	-	-	3,891
370: Outside Services	1,818	-	-	-	-	-	-	-	-	-	-	-	-	1,818
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	49,541	-	-	-	-	-	-	-	-	-	-	-	-	49,541
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,122	-	-	-	-	-	-	-	-	-	-	-	-	15,122
914: Pension and Benefits	43,706	-	-	-	-	-	-	-	-	-	-	-	-	43,706
915: Injuries and Damages	17,100	-	-	-	-	-	-	-	-	-	-	-	-	17,100
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	51	-	-	-	-	-	-	-	-	-	-	-	-	51
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	9,325	-	-	-	-	-	-	-	-	-	-	-	-	9,325
926: A&G Loads	9,150	-	-	-	-	-	-	-	-	-	-	-	-	9,150
928: AFUDC Debt	1,352	-	-	-	-	-	-	-	-	-	-	-	-	1,352
929: AFUDC Equity	3,198	-	-	-	-	-	-	-	-	-	-	-	-	3,198
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(298,344)	-	-	-	-	-	-	-	-	-	-	-	-	(298,344)
825: Closing Cost of Removal	(55,672)	-	-	-	-	-	-	-	-	-	-	-	-	(55,672)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	65008953 Guadalupe 72 MVAR Regasket													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	108,935	-	-	-	-	-	-	-	-	-	-	-	-	108,935
120: Overtime-General	90,827	-	-	-	-	-	-	-	-	-	-	-	-	90,827
350: Material Issues-Major	3,891	-	-	-	-	-	-	-	-	-	-	-	-	3,891
370: Outside Services	1,818	-	-	-	-	-	-	-	-	-	-	-	-	1,818
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	49,541	-	-	-	-	-	-	-	-	-	-	-	-	49,541
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,122	-	-	-	-	-	-	-	-	-	-	-	-	15,122
914: Pension and Benefits	43,706	-	-	-	-	-	-	-	-	-	-	-	-	43,706
915: Injuries and Damages	17,100	-	-	-	-	-	-	-	-	-	-	-	-	17,100
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	51	-	-	-	-	-	-	-	-	-	-	-	-	51
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	9,325	-	-	-	-	-	-	-	-	-	-	-	-	9,325
926: A&G Loads	9,150	-	-	-	-	-	-	-	-	-	-	-	-	9,150
928: AFUDC Debt	1,352	-	-	-	-	-	-	-	-	-	-	-	-	1,352
929: AFUDC Equity	3,198	-	-	-	-	-	-	-	-	-	-	-	-	3,198
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(298,344)	-	-	-	-	-	-	-	-	-	-	-	-	(298,344)
825: Closing Cost of Removal	(55,672)	-	-	-	-	-	-	-	-	-	-	-	-	(55,672)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 65008994 San Juan Solar
Company: 002 Transmission Services
Location: 650 Transmission General

Project Information County % San Juan 100%

Estimated Start Date 1/1/2021
Estimated Completion Date 12/31/2023

Description

On October 26, 2017, San Juan Solar Center 1 Energy applied to interconnect a solar with battery project to PNM's transmission system pursuant to PNM's Open Access Transmission Tariff (OATT). PNM and San Juan Solar 1 executed a Large Generator Interconnection Agreement (LGIA) on February 3, 2021. A day later (2/4/21), PNM received a Notice to Proceed with the design, procurement and construction of the Transmission Provider's Interconnection Facilities and network upgrades related to the San Juan Solar 1 LGIA.

The purpose of this project is to construct the necessary facilities to interconnect the 400 MW solar photovoltaic generating station and battery energy storage facility to PNM's transmission system. To facilitate the interconnection, PNM will first secure/acquire the necessary land, permits, and right-of-way for the line. It will then construct or cause to be constructed the line in accordance with PNM standards and specifications and interconnect in a new bay position located at the San Juan Switching Station.

Project Need Justification

This project is needed to connect a new 400 MW solar photovoltaic generating station and battery energy storage facility to PNM's transmission system. This type of interconnection project is required per PNM's OATT.

Project Alternatives

The only alternative is do nothing. This is not a viable alternative as it would violate PNM's OATT.

Project Estimate Approach

This project was estimated based on the costs of similar recent substation construction projects, and quotes for labor and materials.

Customer Benefit

This project is to connect the generation source that is to be utilized as replacement power for the retired San Juan Plant and will provide a power source for all customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance PNM is required to provide a point of interconnection to generation projects through a Large Generation Interconnection Agreement.

Environmental

Project No:	65008994 San Juan Solar							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	143,123	2,457	1,959	5,076	16,226	16,226	16,226	201,294
120: Overtime-General	3,231	-	-	-	-	-	-	3,231
350: Material Issues-Major	656,759	-	5,142,410	(860,250)	272,104	272,104	272,104	5,755,230
370: Outside Services	5,014,089	3,440,865	(4,684,329)	(1,178,724)	17,146	17,146	17,146	2,643,341
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	8,798	4	2	23	-	-	-	8,826
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,026	186	148	384	1,228	1,228	1,228	15,430
914: Pension and Benefits	31,854	529	422	1,092	3,492	3,492	3,492	44,372
915: Injuries and Damages	11,874	210	168	435	1,389	1,389	1,389	16,854
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	9,377	-	376,167	(62,927)	19,904	19,904	19,904	382,330
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	249,047	137,770	18,431	(81,279)	12,463	12,463	12,463	361,360
926: A&G Loads	293,887	136,356	18,218	(80,541)	12,097	12,097	12,097	404,210
928: AFUDC Debt	27,928	-	-	-	-	-	-	27,928
929: AFUDC Equity	81,611	-	-	-	-	-	-	81,611
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	6,542,603	3,718,377	873,596	(2,256,711)	356,051	356,051	356,051	9,946,016

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	201,294	18,842	18,842	18,842	18,842	18,842	18,842	18,842	18,842	18,842	18,842	18,842	18,842	427,401
120: Overtime-General	3,231	-	-	-	-	-	-	-	-	-	-	-	-	3,231
350: Material Issues-Major	5,755,230	-	-	-	-	-	-	-	-	-	-	-	3,442,309	9,197,539
370: Outside Services	2,643,341	672,686	672,686	672,686	672,686	672,686	672,686	672,686	672,686	672,686	672,686	672,686	672,686	10,715,567
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,826	-	-	-	-	-	-	-	-	-	-	-	-	8,826
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,430	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	1,419	32,456
914: Pension and Benefits	44,372	4,339	4,339	4,339	4,339	4,339	4,339	4,339	4,339	4,339	4,339	4,339	4,339	96,445
915: Injuries and Damages	16,854	1,875	1,875	1,875	1,875	1,875	1,875	1,875	1,875	1,875	1,875	1,875	1,875	39,351
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	382,330	-	-	-	-	-	-	-	-	-	-	-	251,151	633,481
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	361,360	34,958	34,958	34,958	34,958	34,958	34,958	34,958	34,958	34,958	34,958	34,958	207,073	952,972
926: A&G Loads	404,210	24,826	24,826	24,826	24,826	24,826	24,826	24,826	24,826	24,826	24,826	24,826	148,405	825,699
928: AFUDC Debt	27,928	-	-	-	-	-	-	-	-	-	-	-	-	27,928
929: AFUDC Equity	81,611	-	-	-	-	-	-	-	-	-	-	-	-	81,611
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	9,946,016	758,945	758,945	758,945	758,945	758,945	758,945	758,945	758,945	758,945	758,945	758,945	4,748,099	23,042,506

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	427,401	16,736	16,736	-	-	-	-	-	-	-	-	-	-	460,872
120: Overtime-General	3,231	-	-	-	-	-	-	-	-	-	-	-	-	3,231
350: Material Issues-Major	9,197,539	-	-	-	-	-	-	-	-	-	-	-	-	9,197,539
370: Outside Services	10,715,567	386,440	-	-	-	-	-	-	-	-	-	-	-	11,102,008
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,826	-	-	-	-	-	-	-	-	-	-	-	-	8,826
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	32,456	1,260	1,260	-	-	-	-	-	-	-	-	-	-	34,976
914: Pension and Benefits	96,445	3,854	3,854	-	-	-	-	-	-	-	-	-	-	104,153
915: Injuries and Damages	39,351	1,665	1,665	-	-	-	-	-	-	-	-	-	-	42,681
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	633,481	-	-	-	-	-	-	-	-	-	-	-	-	633,481
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	952,972	20,498	1,176	-	-	-	-	-	-	-	-	-	-	974,645
926: A&G Loads	825,699	17,538	728	-	-	-	-	-	-	-	-	-	-	843,965
928: AFUDC Debt	27,928	-	-	-	-	-	-	-	-	-	-	-	-	27,928
929: AFUDC Equity	81,611	-	-	-	-	-	-	-	-	-	-	-	-	81,611
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	#####	-	-	-	-	-	-	-	-	-	#####
825: Closing Cost of Removal	-	-	-	(1,168,555)	-	-	-	-	-	-	-	-	-	(1,168,555)
Project Net	23,042,506	447,991	25,419	#####	-	-	-	-	-	-	-	-	-	(0)

Project No: 65008995 Rio Puerco 345kV Series Capacitor Bank Switch Replacements

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 5/14/2021

Estimated Completion Date 9/1/2022

Description
This project is to replace the disconnect, bypass, and ground switches of the Rio Puerco FW and CZ lines series capacitor banks. Existing switches will be replaced "like for like".

Project Need Justification
The switches to be replaced by this project provide a way to safely bypass, disconnect, and ground the existing series capacitor banks on the FW and CZ 345kV lines. All three of these functions are critical for continued operation of the FW and CZ line should there be a problem within the capacitor banks. These are two of PNM's most critical lines. Their operation is also fundamental for being able to do maintenance on the capacitor banks. The existing switches have been determined to need replacement through inspection and experience by field personnel. The existing switches are unreliable. Motor operators have failed to operate when called upon. The switches no longer provide the smooth and reliable operation required for safe disconnecting and energizing of the existing series capacitor banks.

Project Alternatives
The "do nothing" alternative was ruled out because inability to operate these switches could result on extended outages on two of PNM's most critical lines. Removal of the switches (versus replacement) was considered. However, that would leave no means to safely disconnect the capacitor banks and bypass them for maintenance. Replacements with breakers or other equipment would entail higher costs and were not pursued.

Project Estimate Approach
An estimate was created based on quotes from manufacturers for similar equipment and estimated labor hours.

Customer Benefit
The FW and CZ lines are two of PNM's most important lines for serving load into the Albuquerque area and for energy flow from the eastern interconnect system to contractual points of transfer for network customers. This project will reduce extended line outages during a fault or scheduled maintenance events, benefiting customers with more reliable service.

Primary Value Driver Reliability

Safety

Reliability
The switches that will be replaced by this project provide a way to safely bypass, disconnect, and ground the existing series capacitor banks on the FW and CZ 345kV lines, allowing for continued operation should there be a problem within the capacitor banks. This project will reduce outage durations and improve system reliability.

System Performance

Security

Compliance

Environmental

Project No:	65008995 Rio Puerco 345kV Series Capacitor Bank Switch Replacements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	7,666	-	-	-	-	-	-	7,666
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	3,410,023	-	-	-	-	-	-	3,410,023
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	168	-	-	-	-	-	-	168
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(62,500)	-	-	-	-	-	-	(62,500)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	576	-	-	-	-	-	-	576
914: Pension and Benefits	1,693	-	-	-	-	-	-	1,693
915: Injuries and Damages	603	-	-	-	-	-	-	603
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	10,642	-	-	-	-	-	-	10,642
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	162,032	-	-	-	-	-	-	162,032
926: A&G Loads	164,141	-	-	-	-	-	-	164,141
928: AFUDC Debt	20,690	4,175	4,195	4,215	-	-	-	33,274
929: AFUDC Equity	64,549	10,019	10,068	10,116	-	-	-	94,752
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(3,019,851)	-	-	-	(3,019,851)
825: Closing Cost of Removal	-	-	-	-	(803,219)	-	-	(803,219)
Project Net	3,780,283	14,194	14,262	(3,005,521)	(803,219)	-	-	-

Project No:	65008995 Rio Puerco 345kV Series Capacitor Bank Switch Replacements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	7,666	-	-	-	-	-	-	-	-	-	-	-	-	7,666
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	3,410,023	-	-	-	-	-	-	-	-	-	-	-	-	3,410,023
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	168	-	-	-	-	-	-	-	-	-	-	-	-	168
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(62,500)	-	-	-	-	-	-	-	-	-	-	-	-	(62,500)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	576	-	-	-	-	-	-	-	-	-	-	-	-	576
914: Pension and Benefits	1,693	-	-	-	-	-	-	-	-	-	-	-	-	1,693
915: Injuries and Damages	603	-	-	-	-	-	-	-	-	-	-	-	-	603
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,642	-	-	-	-	-	-	-	-	-	-	-	-	10,642
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	162,032	-	-	-	-	-	-	-	-	-	-	-	-	162,032
926: A&G Loads	164,141	-	-	-	-	-	-	-	-	-	-	-	-	164,141
928: AFUDC Debt	-	-	-	-	-	-	-	33,274	-	-	-	-	-	33,274
929: AFUDC Equity	94,752	-	-	-	-	-	-	-	-	-	-	-	-	94,752
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,019,851)	-	-	-	-	-	-	-	-	-	-	-	-	(3,019,851)
825: Closing Cost of Removal	(803,219)	-	-	-	-	-	-	-	-	-	-	-	-	(803,219)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	65008995 Rio Puerco 345kV Series Capacitor Bank Switch Replacements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	7,666	-	-	-	-	-	-	-	-	-	-	-	-	7,666
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	3,410,023	-	-	-	-	-	-	-	-	-	-	-	-	3,410,023
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	168	-	-	-	-	-	-	-	-	-	-	-	-	168
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(62,500)	-	-	-	-	-	-	-	-	-	-	-	-	(62,500)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	576	-	-	-	-	-	-	-	-	-	-	-	-	576
914: Pension and Benefits	1,693	-	-	-	-	-	-	-	-	-	-	-	-	1,693
915: Injuries and Damages	603	-	-	-	-	-	-	-	-	-	-	-	-	603
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,642	-	-	-	-	-	-	-	-	-	-	-	-	10,642
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	162,032	-	-	-	-	-	-	-	-	-	-	-	-	162,032
926: A&G Loads	164,141	-	-	-	-	-	-	-	-	-	-	-	-	164,141
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	33,274
929: AFUDC Equity	94,752	-	-	-	-	-	-	-	-	-	-	-	-	94,752
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,019,851)	-	-	-	-	-	-	-	-	-	-	-	-	(3,019,851)
825: Closing Cost of Removal	(803,219)	-	-	-	-	-	-	-	-	-	-	-	-	(803,219)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 65008996 Aragonne Wind 345kV Line Relay Repl

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Guadalupe 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 8/1/2022

Description

This project is to replace PNM relays to ensure proper functioning and interaction with relays being upgraded by an interconnected wind farm.

Project Need Justification

The Aragonne Wind Farm, owned by Leeward, is interconnected at the PNM Guadalupe 345 kV switching station. Aragonne Wind notified PNM that it planned to replace relays on their end of the generation tie line at the Aragonne Wind Farm. Since this is a very short line, best protected by differential relaying, PNM has determined that an upgrade to its own relays on the 345 kV line interconnection point is required to ensure correct coordination in the area and to enable a reliable high speed tripping capability. An upgrade is needed to better protect the bulk electric system (BES) system equipment in the area and to better protect against unnecessarily wide outages for high impedance faults.

Upgrading the relays at the Guadalupe station point of interconnection allows for proper protective relay coordination with the upgraded relaying at the wind farm. This upgrade project also contributes to PNM's effort to standardize and modernize its protection systems.

Project Alternatives

The alternative considered includes leaving the current relays in place, however, that will result in a increased risk of protection system miscoordination when the customer installs new relays at their end of the line. This option presents an unacceptably high risk of undesirable reliability outcomes.

Project Estimate Approach

The estimate for the labor and materials was derived from quotes from the vendor and previous project experience.

Customer Benefit

Customers benefit by the reliability of the intertie to a major generator connected to PNM's system and through continued access to renewable resources.

Primary Value Driver Reliability

Safety

Reliability Leaving the current relays in place increased risk of protection system miscoordination when the customer installs new relays at their end of the line. The line this is interconnected to on PNM's carries a significant amount of renewable resources from eastern New Mexico to locations across the southwest. The upgraded, modernized protection will reduce the likelihood of reliability issues for this area of the system.

System Performance

Security

Compliance

Environmental

Project No:	65008996 Aragonne Wind 345kV Line Relay Repl							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,701	-	-	-	-	-	-	2,701
120: Overtime-General	2,541	-	-	-	-	-	-	2,541
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	448,878	-	-	-	-	-	-	448,878
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	905	-	-	-	-	-	-	905
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	393	-	-	-	-	-	-	393
914: Pension and Benefits	1,156	-	-	-	-	-	-	1,156
915: Injuries and Damages	398	-	-	-	-	-	-	398
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,416	-	-	-	-	-	-	1,416
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	10,256	-	-	-	-	-	-	10,256
926: A&G Loads	26,460	-	-	-	-	-	-	26,460
928: AFUDC Debt	3,540	649	653	-	-	-	-	4,842
929: AFUDC Equity	10,848	1,559	1,566	-	-	-	-	13,973
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(464,408)	-	-	-	-	(464,408)
825: Closing Cost of Removal	-	-	-	(49,510)	-	-	-	(49,510)
Project Net	509,491	2,208	(462,189)	(49,510)	-	-	-	0

Project No:	65008996 Aragonne Wind 345kV Line Relay Repl													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,701	-	-	-	-	-	-	-	-	-	-	-	-	2,701
120: Overtime-General	2,541	-	-	-	-	-	-	-	-	-	-	-	-	2,541
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	448,878	-	-	-	-	-	-	-	-	-	-	-	-	448,878
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	905	-	-	-	-	-	-	-	-	-	-	-	-	905
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	393	-	-	-	-	-	-	-	-	-	-	-	-	393
914: Pension and Benefits	1,156	-	-	-	-	-	-	-	-	-	-	-	-	1,156
915: Injuries and Damages	398	-	-	-	-	-	-	-	-	-	-	-	-	398
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,416	-	-	-	-	-	-	-	-	-	-	-	-	1,416
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	10,256	-	-	-	-	-	-	-	-	-	-	-	-	10,256
926: A&G Loads	26,460	-	-	-	-	-	-	-	-	-	-	-	-	26,460
928: AFUDC Debt	4,842	-	-	-	-	-	-	-	-	-	-	-	-	4,842
929: AFUDC Equity	13,973	-	-	-	-	-	-	-	-	-	-	-	-	13,973
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(464,408)	-	-	-	-	-	-	-	-	-	-	-	-	(464,408)
825: Closing Cost of Removal	(49,510)	-	-	-	-	-	-	-	-	-	-	-	-	(49,510)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No:	65008996 Aragonne Wind 345kV Line Relay Repl													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,701	-	-	-	-	-	-	-	-	-	-	-	-	2,701
120: Overtime-General	2,541	-	-	-	-	-	-	-	-	-	-	-	-	2,541
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	448,878	-	-	-	-	-	-	-	-	-	-	-	-	448,878
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	905	-	-	-	-	-	-	-	-	-	-	-	-	905
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	393	-	-	-	-	-	-	-	-	-	-	-	-	393
914: Pension and Benefits	1,156	-	-	-	-	-	-	-	-	-	-	-	-	1,156
915: Injuries and Damages	398	-	-	-	-	-	-	-	-	-	-	-	-	398
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,416	-	-	-	-	-	-	-	-	-	-	-	-	1,416
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	10,256	-	-	-	-	-	-	-	-	-	-	-	-	10,256
926: A&G Loads	26,460	-	-	-	-	-	-	-	-	-	-	-	-	26,460
928: AFUDC Debt	4,842	-	-	-	-	-	-	-	-	-	-	-	-	4,842
929: AFUDC Equity	13,973	-	-	-	-	-	-	-	-	-	-	-	-	13,973
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(464,408)	-	-	-	-	-	-	-	-	-	-	-	-	(464,408)
825: Closing Cost of Removal	(49,510)	-	-	-	-	-	-	-	-	-	-	-	-	(49,510)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65008997 PRC-002 Compliance DFR Project

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County %	Total System	100%
	Sandoval	
	Bernalillo	

Estimated Start Date: 2/1/2022
Estimated Completion Date: 9/1/2022

Description
The purpose of the project complete engineering, design and construction to route breaker status(es) into PNM's digital fault recorders (DFRs) to comply with a mandatory and enforceable North American Electric Reliability Corporation (NERC) Reliability Standard PRC-002. Work also included the development of a standard DFR panel design for PNM to use going forward, and the associated standard bill of materials.

Project Need Justification
NERC Reliability Standard PRC-002 requires utilities achieve 100% compliance with the requirements of the standard on July 1, 2022. To achieve compliance by the enforcement date, PNM had to ensure 100% of the applicable breaker status be wired into and monitored by the station DFRs. PNM performed a system-wide evaluation and determined additional work to achieve compliance was required at San Juan Station, BA Station, Norton Station, Rio Puerco Station, Pachmann Station, Guadalupe Station, Sandia Station, Zia Station, and Red Mesa Station to route additional breaker status(es) to the DFRs to achieve 100% compliance. This project included completing the engineering for each station and the associated work to route breaker status to the DFRs.
The stations in scope for PRC-002 change periodically based on a NERC-required analysis which has to be conducted every five years, per Requirement 1. The latest 5-year analysis was completed in the summer of 2021 which identified the stations to be included in the evaluation of which breaker status remain to be added to achieve 100% compliance. PNM has developed a DFR installation standard and DFR's are installed at new substations so that when the next 5 year analysis is completed, if new stations are identified, they will already have the necessary DFR installed and all equipment will be monitored in compliance with the standard.

Project Alternatives
No viable alternative was available for this project, as doing nothing would leave PNM non-compliant with FERC requirements.

Project Estimate Approach
The project was estimated using a direct quote from engineering vendor and included engineering and implementation of changes at San Juan Switching Station, BA Switching Station, Norton Switching Station, Rio Puerco Switching Station, Sandia Switching Station, Zia Switching Station, and Red Mesa Switching Station. The quote included costs for performance of the following tasks:
Verify/confirm what breakers are actively reporting breaker status back to station DFR.
If breaker is not reporting breaker status back to station DFR, perform the necessary engineering to wire a 52a or 52b aux, contact back to the station DFR.
Create a complete drawing package in support of this project including as-built drawings and provide technical support during construction.
Provide design drawings and any other engineering data essential to ordering of material and equipment, construction of the project, and post-construction documentation of the work for future reference.
Submit drawings and engineering data in accordance with the technical specifications, overall construction schedule, and the project in-service date.

Customer Benefit
Increase situational awareness from DFRs regarding component status will aid in post-disturbance analysis and help ensure PNM can timely remedy any errors or anomalous conditions on the system. Development of a standardized DFR panel design, bill of materials and associated drawings ensures PNM is cost efficient with future designs and customers do not have to pay for PNM's to design future DFR setups from scratch.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance A new mandatory and enforceable NERC standard, PRC-002 breaker status monitoring within DFRs at certain stations. Compliance will help ensure proper data is available for system analysis which bolsters reliability.

Environmental

Project No:	65008997 PRC-002 Compliance DFR Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	9,380	10,000	-	-	-	-	-	19,380
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	207,926	37,800	-	-	-	-	-	245,726
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	618	-	-	-	-	-	-	618
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	710	757	-	-	-	-	-	1,467
914: Pension and Benefits	2,067	2,152	-	-	-	-	-	4,219
915: Injuries and Damages	803	856	-	-	-	-	-	1,659
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	627	-	-	-	-	-	-	627
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	18,474	2,063	-	-	-	-	-	20,537
926: A&G Loads	8,605	1,893	-	-	-	-	-	10,498
928: AFUDC Debt	389	359	-	-	-	-	-	747
929: AFUDC Equity	934	861	-	-	-	-	-	1,795
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	(282,126)	-	-	-	-	-	(282,126)
825: Closing Cost of Removal	-	(25,148)	-	-	-	-	-	(25,148)
Project Net	250,534	(250,534)	-	-	-	-	-	(0)

Project No:	65008997 PRC-002 Compliance DFR Project													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	19,380	-	-	-	-	-	-	-	-	-	-	-	-	19,380
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	245,726	-	-	-	-	-	-	-	-	-	-	-	-	245,726
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	618	-	-	-	-	-	-	-	-	-	-	-	-	618
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,467	-	-	-	-	-	-	-	-	-	-	-	-	1,467
914: Pension and Benefits	4,219	-	-	-	-	-	-	-	-	-	-	-	-	4,219
915: Injuries and Damages	1,659	-	-	-	-	-	-	-	-	-	-	-	-	1,659
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	627	-	-	-	-	-	-	-	-	-	-	-	-	627
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	20,537	-	-	-	-	-	-	-	-	-	-	-	-	20,537
926: A&G Loads	10,498	-	-	-	-	-	-	-	-	-	-	-	-	10,498
928: AFUDC Debt	747	-	-	-	-	-	-	-	-	-	-	-	-	747
929: AFUDC Equity	1,795	-	-	-	-	-	-	-	-	-	-	-	-	1,795
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(282,126)	-	-	-	-	-	-	-	-	-	-	-	-	(282,126)
825: Closing Cost of Removal	(25,148)	-	-	-	-	-	-	-	-	-	-	-	-	(25,148)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	65008997 PRC-002 Compliance DFR Project													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	19,380	-	-	-	-	-	-	-	-	-	-	-	-	19,380
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	245,726	-	-	-	-	-	-	-	-	-	-	-	-	245,726
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	618	-	-	-	-	-	-	-	-	-	-	-	-	618
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,467	-	-	-	-	-	-	-	-	-	-	-	-	1,467
914: Pension and Benefits	4,219	-	-	-	-	-	-	-	-	-	-	-	-	4,219
915: Injuries and Damages	1,659	-	-	-	-	-	-	-	-	-	-	-	-	1,659
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	627	-	-	-	-	-	-	-	-	-	-	-	-	627
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	20,537	-	-	-	-	-	-	-	-	-	-	-	-	20,537
926: A&G Loads	10,498	-	-	-	-	-	-	-	-	-	-	-	-	10,498
928: AFUDC Debt	747	-	-	-	-	-	-	-	-	-	-	-	-	747
929: AFUDC Equity	1,795	-	-	-	-	-	-	-	-	-	-	-	-	1,795
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(282,126)	-	-	-	-	-	-	-	-	-	-	-	-	(282,126)
825: Closing Cost of Removal	(25,148)	-	-	-	-	-	-	-	-	-	-	-	-	(25,148)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65009022 Belen Phase Shifting Transformer

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Valencia 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 2/29/2024

Description
This project will replace the existing series reactors at the Belen Switching Station with a 120 MVA Phase-Shifting Transformer (PST) to provide better mitigation of overloads on the Tri-State 115 kV facilities. The substation is designed to accommodate the installation of a two-tank Phase Shifting Transformer (PST), which consists of a PST connected in series to the Belen-Socorro transmission line, protected and controlled by one source and one load circuit breakers and one bypass circuit breaker including a dual breaker arrangement at the Socorro transmission line side. The Belen PST substation will be located the Belen, NM area, at coordinates 34.616211,-106.818243.

Project Need Justification
This project is addressing overload concerns arising from the recent studies showing that renewable resource additions in Northern New Mexico are leading to dramatic intermittent changes in power flow conditions on transmission facilities connected to PNM’s load centers in Northern New Mexico including the Tri-State 115 kV transmission connected to PNM’s Belen Switching Station and between Tri-State’s Elephant Butte Switching Station and PNM’s Picacho Switching Station.

Project Alternatives
Other solutions considered include additional or larger series reactors. However, technical studies do not show acceptable voltage performance without potentially complex and expensive voltage support additions. A re-build of Tri-States transmission lines would be a superior technical solution. However, it would require rebuilding a significant portion of the 275 miles of Tri-State owned transmission at a cost that is several times the cost of the PST addition.

Project Estimate Approach
The estimate was developed using historical internal and external labor and material costs from previous projects built within the last couple of years, we also added a 10% contingency adder.

Customer Benefit
These enhancements will increase system reliability in the Southeast region by minimizing overloads brought on by renewable resources. These enhancements will not only increase current reliability, but also ensure PNM can support future renewable growth in the region.

Primary Value Driver System Performance

Safety

Reliability

System Performance These enhancements will increase system reliability in the Southeast region by minimizing overloads brought on by renewable resources. These enhancements will not only increase current reliability, but also ensure PNM can support future renewable growth in the region.

Security

Compliance

Environmental

Project No:	65009022 Belen Phase Shifting Transformer							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	13,032	304	20,758	20,758	20,758	20,758	20,758	117,124
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	3,270,971	-	590,791	590,791	590,791	590,791	590,791	6,224,925
370: Outside Services	-	2,734	-	-	-	-	-	2,734
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,223	-	-	-	-	-	-	1,223
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	986	23	1,571	1,571	1,571	1,571	1,571	8,865
914: Pension and Benefits	2,871	65	4,467	4,467	4,467	4,467	4,467	25,272
915: Injuries and Damages	1,105	26	1,777	1,777	1,777	1,777	1,777	10,015
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	10,320	-	43,216	43,216	43,216	43,216	43,216	226,402
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	52,797	126	24,775	24,775	24,775	24,775	24,775	176,795
926: A&G Loads	98,584	120	24,217	24,217	24,217	24,217	24,217	219,791
928: AFUDC Debt	28,308	5,039	5,553	6,554	7,560	8,571	9,587	71,171
929: AFUDC Equity	86,765	12,094	13,327	15,730	18,145	20,571	23,009	189,642
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	3,566,961	20,531	730,452	733,856	737,277	740,714	744,168	7,273,959

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	117,124	20,758	293,649	329,465	329,465	56,574	56,574	56,574	25,479	25,479	25,479	184,274	-	1,520,894
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	6,224,925	590,791	1,273,020	1,273,020	1,273,020	590,791	590,791	590,791	-	-	-	-	-	12,407,148
370: Outside Services	2,734	-	-	229,314	229,314	229,314	729,314	729,314	229,314	229,314	229,314	1,658,463	-	4,495,710
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,223	-	409,338	409,338	409,338	-	-	-	-	-	-	-	-	1,229,235
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	8,865	1,563	22,112	24,809	24,809	4,260	4,260	4,260	1,919	1,919	1,919	13,876	-	114,569
914: Pension and Benefits	25,272	4,780	67,627	75,876	75,876	13,029	13,029	13,029	5,868	5,868	5,868	42,438	-	348,560
915: Injuries and Damages	10,015	2,065	29,218	32,782	32,782	5,629	5,629	5,629	2,535	2,535	2,535	18,335	-	149,690
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	226,402	43,104	92,880	92,880	92,880	43,104	43,104	43,104	-	-	-	-	-	677,457
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	176,795	30,998	104,748	118,730	118,730	44,980	69,980	69,980	13,256	13,256	13,256	95,869	-	870,578
926: A&G Loads	219,791	21,955	70,939	80,457	80,457	31,473	49,423	49,423	9,147	9,147	9,147	66,154	-	697,512
928: AFUDC Debt	71,171	15,976	19,228	24,508	30,126	34,072	36,898	1,611	3,526	4,136	4,749	7,212	9,391	262,603
929: AFUDC Equity	189,642	20,379	24,528	31,263	38,429	43,463	47,069	2,055	4,497	5,276	6,057	9,200	11,980	433,839
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(18,197,378)	-	-	-	-	-	-	(18,197,378)
825: Closing Cost of Removal	-	-	-	-	-	-	(436,662)	-	-	-	-	-	-	(436,662)
Project Net	7,273,959	752,369	2,407,287	2,722,441	2,735,225	1,096,689	(16,987,969)	1,565,769	295,541	296,929	298,324	2,095,822	21,371	4,573,756

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,520,894	-	-	-	-	-	-	-	-	-	-	-	-	1,520,894
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	12,407,148	-	-	-	-	-	-	-	-	-	-	-	-	12,407,148
370: Outside Services	4,495,710	-	-	-	-	-	-	-	-	-	-	-	-	4,495,710
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,229,235	-	-	-	-	-	-	-	-	-	-	-	-	1,229,235
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	114,569	-	-	-	-	-	-	-	-	-	-	-	-	114,569
914: Pension and Benefits	348,560	-	-	-	-	-	-	-	-	-	-	-	-	348,560
915: Injuries and Damages	149,690	-	-	-	-	-	-	-	-	-	-	-	-	149,690
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	677,457	-	-	-	-	-	-	-	-	-	-	-	-	677,457
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	870,578	-	-	-	-	-	-	-	-	-	-	-	-	870,578
926: A&G Loads	697,512	-	-	-	-	-	-	-	-	-	-	-	-	697,512
928: AFUDC Debt	262,603	7,976	8,015	-	-	-	-	-	-	-	-	-	-	278,594
929: AFUDC Equity	433,839	13,826	13,894	-	-	-	-	-	-	-	-	-	-	461,560
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(18,197,378)	-	(4,482,346)	-	-	-	-	-	-	-	-	-	-	(22,679,724)
825: Closing Cost of Removal	(436,662)	-	(135,122)	-	-	-	-	-	-	-	-	-	-	(571,784)
Project Net	4,573,756	21,803	(4,595,558)	-	-	-	-	-	-	-	-	-	-	0

Project No: 65009122 345kV Structure Repl Phase VI

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Sandoval 100%

Estimated Start Date 10/1/2021

Estimated Completion Date 12/31/2028

Description

Transmission line poles can be constructed in a variety of ways. Transmission poles in San Juan county are wooden K-Frame tangent structures. The purpose of this project is to continue replacement of these wooden K-Frame tangent structures with steel H-Frame structures on the FW 345kV Transmission Line.

For this major transmission line segment, replacing the existing aged wood structures with new, current technology steel structures provide long-term durability for the future. Specifically, this project aims to meet the following operation and safety objectives:

1. Protect and maintain PNM's major transmission infrastructure from line damage and collapse
2. Mitigate bulk-electric system operational risk and ensure customer power delivery
3. Mitigate public's and personnel's hazardous exposure to extra high voltage infrastructure

Project Need Justification

This 345kV transmission line is over 50 years old and reaching the end of its useful life. As this structure ages, its risk of failure increases. The 345kV transmission lines carry the bulk electric grid power necessary for support and delivery of customer energy and capacity needs. It is critical to mitigate any risks to bulk electric operations, as failure of these lines can cause extended and widespread outages.

Project Alternatives

The only alternative to this project is to continue replacing components as they fail and rebuilding with similar wood structure members. As structures continue to age, maintenance costs will escalate. Additionally, the risk of decreased reliability and line damage due to potential structure failures will increase. Further, once these transmission structures approach the end of their useful lives, maintenance options are few, as the basic structural integrity of the line has degraded beyond maintenance practices.

Project Estimate Approach

For major equipment like transmission structures we contacted our alliance vendor (Trinity Meyer) and requested information regarding the costs and schedules of these major items. Additionally, labor and contractor estimates were created from past projects that are similar in nature.

Customer Benefit

These enhancements will ensure that system reliability and power delivery efficiency is maximized. Specifically, these enhancements will minimize unplanned and planned downtime. These minimizations will benefit customers directly.

Primary Value Driver Reliability

Safety

Reliability Replacement of wooden structures installed in the 1960's that are well past their expected life-cycle with new steel structures will ensure the reliability of PNM's 345kV bulk transmission system. These enhancements will be reflected positively in the System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:	65009122 345kV Structure Repl Phase VI							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	55,827	657,215	13,000	13,000	13,000	13,000	13,000	778,042
120: Overtime-General	12,177	-	-	-	-	-	-	12,177
350: Material Issues-Major	4,579,785	-	-	-	-	-	-	4,579,785
370: Outside Services	198,214	5,914,838	-	-	-	-	300,000	6,413,052
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	38,031	-	-	-	-	-	-	38,031
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,148	49,751	984	984	984	984	984	59,820
914: Pension and Benefits	14,985	141,433	2,798	2,798	2,798	2,798	2,798	170,406
915: Injuries and Damages	5,821	56,258	1,113	1,113	1,113	1,113	1,113	67,643
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	14,729	-	-	-	-	-	-	14,729
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	300,502	272,780	716	716	716	716	12,716	588,861
926: A&G Loads	196,524	260,253	515	515	515	515	12,395	471,231
928: AFUDC Debt	4,304	5,061	10,134	10,209	10,284	10,360	10,657	61,009
929: AFUDC Equity	14,235	12,148	24,323	24,502	24,683	24,864	25,579	150,334
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	5,440,282	7,369,737	53,582	53,836	54,092	54,349	379,241	13,405,119

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	778,042	106,047	106,047	106,047	106,047	106,047	106,047	106,047	106,047	106,047	106,047	106,047	106,047	2,050,603
120: Overtime-General	12,177	-	-	-	-	-	-	-	-	-	-	-	-	12,177
350: Material Issues-Major	4,579,785	195,833	195,833	195,833	195,833	195,833	195,833	195,833	195,833	195,833	195,833	195,833	195,833	6,929,785
370: Outside Services	6,413,052	35,032	36,050	36,050	36,150	36,250	36,250	36,250	36,250	36,250	36,250	36,250	36,250	6,846,334
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	38,031	-	-	-	-	-	-	-	-	-	-	-	-	38,031
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,820	7,985	7,985	7,985	7,985	7,985	7,985	7,985	7,985	7,985	7,985	7,985	7,985	155,643
914: Pension and Benefits	170,406	24,423	24,423	24,423	24,423	24,423	24,423	24,423	24,423	24,423	24,423	24,423	24,423	463,476
915: Injuries and Damages	67,643	10,552	10,552	10,552	10,552	10,552	10,552	10,552	10,552	10,552	10,552	10,552	10,552	194,263
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	14,729	14,288	14,288	14,288	14,288	14,288	14,288	14,288	14,288	14,288	14,288	14,288	14,288	186,185
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	588,861	18,994	19,044	19,044	19,049	19,054	19,054	19,054	19,054	19,054	19,054	19,054	19,054	817,429
926: A&G Loads	471,231	12,095	12,132	12,132	12,135	12,139	12,139	12,139	12,139	12,139	12,139	12,139	12,139	616,836
928: AFUDC Debt	61,009	16,915	17,875	18,841	19,812	20,787	21,767	1,323	2,209	3,100	3,994	4,893	5,797	198,323
929: AFUDC Equity	150,334	21,578	22,802	24,034	25,272	26,517	27,767	1,688	2,818	3,954	5,095	6,242	7,394	325,496
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(10,079,563)	-	-	-	-	-	(940,147)	(11,019,710)
825: Closing Cost of Removal	-	-	-	-	-	-	(5,504,739)	-	-	-	-	-	(96,891)	(5,601,630)
Project Net	13,405,119	463,742	467,032	469,229	471,546	473,875	(15,108,197)	429,582	431,598	433,624	435,660	437,706	(597,276)	2,213,241

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,050,603	45,163	45,163	45,163	45,163	45,163	45,163	45,163	45,163	45,163	45,163	45,163	45,163	2,592,564
120: Overtime-General	12,177	-	-	-	-	-	-	-	-	-	-	-	-	12,177
350: Material Issues-Major	6,929,785	371,062	371,062	371,062	371,062	371,062	371,062	371,062	371,062	371,062	371,062	371,062	371,062	11,382,533
370: Outside Services	6,846,334	205,353	205,353	205,353	205,353	205,353	205,353	205,353	205,353	205,353	205,353	205,353	205,353	9,310,567
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	38,031	-	-	-	-	-	-	-	-	-	-	-	-	38,031
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	155,643	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	196,453
914: Pension and Benefits	463,476	10,401	10,401	10,401	10,401	10,401	10,401	10,401	10,401	10,401	10,401	10,401	10,401	588,290
915: Injuries and Damages	194,263	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	248,188
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	186,185	27,073	27,073	27,073	27,073	27,073	27,073	27,073	27,073	27,073	27,073	27,073	27,073	511,058
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	817,429	31,994	31,994	31,994	31,994	31,994	31,994	31,994	31,994	31,994	31,994	31,994	31,994	1,201,353
926: A&G Loads	616,836	27,039	27,039	27,039	27,039	27,039	27,039	27,039	27,039	27,039	27,039	27,039	27,039	941,300
928: AFUDC Debt	198,323	4,238	5,525	6,817	8,116	9,421	10,733	12,051	13,376	14,707	16,045	17,389	18,740	335,482
929: AFUDC Equity	325,496	7,347	9,577	11,817	14,069	16,332	18,605	20,890	23,186	25,494	27,813	30,143	32,485	563,254
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(11,019,710)	-	-	-	-	-	-	-	-	-	-	-	-	(11,019,710)
825: Closing Cost of Removal	(5,601,630)	-	-	-	-	-	-	-	-	-	-	-	-	(5,601,630)
Project Net	2,213,241	737,564	741,080	744,614	748,164	751,732	755,318	758,921	762,542	766,180	769,837	773,511	777,204	11,299,908

Project No: 65009141 WFF-Substation Rebuilds Long Lead

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2023

Description

This project was created to address the gap in the projected amount of distribution switchgears PNM would need available in the coming years for their capital projects. PNM has recently standardized on a 15kV distribution switchgear that has significant interchangeability throughout their distribution systems as part of PNM's continued push towards comprehensive system standardization. Finalizing this more standard switchgear created an opportune time to start ordering these types of units in bulk. This project acquired quotes from PNM's main distribution switchgear manufacturer partner to establish PNM's production slots that align with their current capital project timelines.

Project Need Justification

While PNM continues designs for expansion and infrastructure replacement projects, lead times and pricing for major equipment continue to increase. Due to these increasing lead times and pricing, it would be necessary for PNM to purchase these distribution switchgears for projects already identified as priorities in 2023 through 2025. PNM has opted for a bulk order purchasing model for equipment with typically long lead times, like distribution switchgears, and store units prior to project construction starts to head off any future construction delays. This approach ensures that major equipment crucial to these projects are readily available during scheduled construction outages.

Project Alternatives

The main alternative to the bulk order purchasing model would be to order major equipment on a per-project or critical spare basis. The drawbacks of this approach tie heavily to the continually extending lead times the industry is seeing for major equipment and materials. This approach would have a much higher risk of project delays tied directly to manufacturer material and shipping delays that would be out of PNM's control. For distribution switchgears, current lead times are extending to 1.5 years in some cases, so ordering this equipment on a per-project basis would need to extend project timelines and funding forward by over a year in advance to schedule equipment deliveries that align with anticipated construction schedules.

Project Estimate Approach

Quotes were acquired for all major equipment costs, spare parts, and freight/installation services with payment terms solidified for the project scope.

Customer Benefit

With this project, PNM would be able to reserve distribution switchgear production slots as quickly as possible. This would allow already approved project timelines and capital spend to remain on schedule. Customers would benefit from PNM's ability to stay on schedule for their approved capital spend on reliability and capacity upgrade projects which would remain possible due to this bulk order of distribution switchgears. These new switchgear units also have updated microprocessor relays and quicker sectionalizing devices that would be able to operate and isolate fault events on a faster timeline thereby better protecting system equipment lowering the costs for emergency replacement work on an annual basis.

Primary Value Driver Reliability

Safety

Reliability

By ordering these standard distribution switchgears in bulk quantities, PNM is solidifying their pursuit towards a comprehensive system standardization. These units allow for interchangeability throughout PNM's system which would increase field and maintenance crew's familiarity working with these units, install these more reliable units across PNM's service territory that allow for quicker operating and sectionalizing times, and create a streamlined process for design and installation of these units all culminating into higher reliability standards.

System Performance

These distribution switchgear units have higher capacity ratings compared to a majority of currently in-service units across PNM's system. A bulk order approach with these units allows for PNM to prioritize change-outs with these existing older units ahead of any major expected economic growth throughout PNM's service territory. Higher capacity switchgears also increase PNM's ability to redirect customer load around planned maintenance outages with less risk and minimal customer interruptions.

Security

Compliance

Environmental

Project No:	WFF-Substation Rebuilds Long Lead							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	399,083	399,083	399,083	399,083	399,083	399,083	2,394,500
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	29,193	29,193	29,193	29,193	29,193	29,193	175,158
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	15,963	15,963	15,963	15,963	15,963	15,963	95,780
926: A&G Loads	-	15,804	15,804	15,804	15,804	15,804	15,804	94,822
928: AFUDC Debt	-	315	947	1,581	2,219	2,860	3,504	11,425
929: AFUDC Equity	-	756	2,272	3,795	5,326	6,864	8,409	27,422
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(2,716,299)	(2,716,299)
825: Closing Cost of Removal	-	-	-	-	-	-	(82,808)	(82,808)
Project Net	-	461,115	463,262	465,420	467,588	469,767	(2,327,151)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,394,500	-	-	-	-	-	-	-	-	-	-	-	-	2,394,500
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	175,158	-	-	-	-	-	-	-	-	-	-	-	-	175,158
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	95,780	-	-	-	-	-	-	-	-	-	-	-	-	95,780
926: A&G Loads	94,822	-	-	-	-	-	-	-	-	-	-	-	-	94,822
928: AFUDC Debt	11,425	-	-	-	-	-	-	-	-	-	-	-	-	11,425
929: AFUDC Equity	27,422	-	-	-	-	-	-	-	-	-	-	-	-	27,422
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,716,299)	-	-	-	-	-	-	-	-	-	-	-	-	(2,716,299)
825: Closing Cost of Removal	(82,808)	-	-	-	-	-	-	-	-	-	-	-	-	(82,808)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,394,500	-	-	-	-	-	-	-	-	-	-	-	-	2,394,500
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	175,158	-	-	-	-	-	-	-	-	-	-	-	-	175,158
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	95,780	-	-	-	-	-	-	-	-	-	-	-	-	95,780
926: A&G Loads	94,822	-	-	-	-	-	-	-	-	-	-	-	-	94,822
928: AFUDC Debt	11,425	-	-	-	-	-	-	-	-	-	-	-	-	11,425
929: AFUDC Equity	27,422	-	-	-	-	-	-	-	-	-	-	-	-	27,422
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,716,299)	-	-	-	-	-	-	-	-	-	-	-	-	(2,716,299)
825: Closing Cost of Removal	(82,808)	-	-	-	-	-	-	-	-	-	-	-	-	(82,808)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65009222 Jicarilla Interconnection

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Rio Arriba 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 1/31/2024

Description
The Jicarilla switching station includes expansion of PNM's 345 kV facility located on PNM's existing San Juan - Jicarilla line. This station enables interconnection of a 150 MW solar facility and its associated 40 MW Battery energy storage facility to PNM's system.

Project Need Justification
PNM provides generator interconnection services to its transmission system required under the Federal Energy Regulation Commission (FERC) Open Access Transmission Tariff (OATT). The FERC OATT requirements established the application requirements and the mutual obligations of PNM for any eligible interconnection customer seeking generator interconnection. PNM is required, per FERC regulations, to provide generator interconnection service on a non-discriminatory basis to any eligible interconnection customer that meets the criteria outlined in PNM's OATT. Under the procedures, PNM is required to use due diligence to implement the interconnection, and construct, own, and operate the interconnection facilities required to interconnect a generating facility to the PNM transmission system. The Jicarilla facility has met all required obligations and PNM interconnected that facility via this new switching station.

Project Alternatives
Because PNM is required to interconnect the Jicarilla Facilities pursuant to FERC requirements from the PNM OATT and the Commission-approved purchased power agreement to purchase energy and storage capacity from the Jicarilla Facilities, there are no feasible alternatives. Not building the Project would preclude the Jicarilla Facilities from interconnecting with the PNM transmission system. PNM is mandated under FERC regulation to interconnect wholesale generators and associated energy storage systems by providing non-discriminatory interconnection services to qualified customers.

Project Estimate Approach
The estimate was derived using prior project costs and bids from equipment vendors.

Customer Benefit
Customers will benefit from the addition of a new renewable generation resource and an associated battery energy storage system.

Primary Value Driver System Performance

Safety

Reliability

System Performance The system performance will be improved through the addition of a new generation resource and an associated battery energy storage system.

Security

Compliance

Environmental

Project No:

65009222 Jicarilla Interconnection

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	100,000	-	-	-	-	-	-	-	-	100,000
370: Outside Services	-	-	-	-	70,755	70,755	66,981	47,170	47,170	47,170	-	-	(0)	350,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	7,296	-	-	-	-	-	-	-	-	7,296
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	8,538	3,538	3,349	2,358	2,358	2,358	-	-	-	22,500
926: A&G Loads	-	-	-	-	6,130	2,540	2,405	1,693	1,693	1,693	-	-	-	16,155
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	192,719	76,833	72,735	51,222	51,222	51,222	-	-	(0)	495,951

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	100,000	-	-	-	-	-	-	-	-	-	-	-	-	100,000
370: Outside Services	350,000	-	-	-	-	-	-	-	-	-	-	-	-	350,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,296	-	-	-	-	-	-	-	-	-	-	-	-	7,296
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	22,500	-	-	-	-	-	-	-	-	-	-	-	-	22,500
926: A&G Loads	16,155	-	-	-	-	-	-	-	-	-	-	-	-	16,155
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	(481,072)	-	-	-	-	-	-	-	-	-	-	-	(481,072)
825: Closing Cost of Removal	-	(14,879)	-	-	-	-	-	-	-	-	-	-	-	(14,879)
Project Net	495,951	(495,951)	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65009318 BB2-Diamond Tail to Clines Corners

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Santa Fe 75%
Sandoval 25%

Estimated Start Date 10/1/2018

Estimated Completion Date 9/1/2022

Description
The purpose of this project is to construct the necessary transmission system improvements to provide 262 MW of transmission service from Clines Corners 345 kV Station to the Four Corners 345 kV Switchyard (BB2) paralleling the existing BB line. These enhancements are intended to support additional wind generation.

Project Need Justification
PNM is required to provide this service under the terms of a Transmission Service Agreement (TSA). This service is to be executed with Avangrid Renewables (Avangrid) pursuant to PNM's Federal Energy Regulatory Commission (FERC) Open Access Transmission Tariff. The TSA obligates PNM to construct and install the necessary system improvements to provide the transmission service. Additionally, the BB line is an already fully subscribed transmission line and the new BB2 line will enable PNM to maintain transmission system reliability and compliance with North American Electric Reliability Corporation (NERC) standards.

Project Alternatives
The only alternative to this project is the do-nothing approach. This alternative was not considered because the existing transmission line is fully committed to its maximum capacity, and thus cannot support additional wind generation.

Project Estimate Approach
The cost estimate of this project was developed with a contracted engineering firm to estimate and evaluate the cost of filing a CCN, engineering, procurement and construction of the line, the Diamond Tail Switchyard, and the changes to the existing Clines Corners Switchyard. Market comparisons were used as a basis for the land estimate. The engineer's estimate was then evaluated by PNM's engineering and project management team. Additionally, the quotes for this work in the Engineering, Procurement, and Construction (EPC) agreement is aligned with the engineer's estimates and quotes.

Customer Benefit
These enhancements will allow for additional wind generation. Existing infrastructure cannot support this load. Customers will benefit from additional clean energy. Additionally, customers will benefit from the increased system reliability from these enhancements.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance PNM is required to provide this service under the terms of a TSA. This service is to be executed with Avangrid Renewables pursuant to PNM's FERC Open Access Transmission Tariff.

Environmental These enhancements will support additional wind generation. This additional generation will result in emission reductions and a cleaner environment.

Project No:	65009318 BB2-Diamond Tail to Clines Corners							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,737,041	-	-	-	-	-	-	1,737,041
120: Overtime-General	105,446	-	-	-	-	-	-	105,446
350: Material Issues-Major	36,722,106	-	-	-	-	-	-	36,722,106
370: Outside Services	59,282,422	-	-	-	-	-	-	59,282,422
374: Outside Services Legal	414,234	-	-	-	-	-	-	414,234
377: Outside Svcs-Temp Labor	35,610	-	-	-	-	-	-	35,610
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	221,082	-	-	-	-	-	-	221,082
805: Land and Land Rights	3,525,993	-	-	-	-	-	-	3,525,993
807: Non Refundable Contrib	(173,389)	-	-	-	-	-	-	(173,389)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	168,106	-	-	-	-	-	-	168,106
914: Pension and Benefits	526,445	-	-	-	-	-	-	526,445
915: Injuries and Damages	182,065	-	-	-	-	-	-	182,065
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	313,551	-	-	-	-	-	-	313,551
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	2,509,075	-	-	-	-	-	-	2,509,075
926: A&G Loads	2,661,501	-	-	-	-	-	-	2,661,501
928: AFUDC Debt	1,199,000	95	95	95	-	-	-	1,199,285
929: AFUDC Equity	2,025,093	227	228	229	-	-	-	2,025,777
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(111,307,283)	-	-	(67,916)	-	-	-	(111,375,199)
825: Closing Cost of Removal	(81,150)	-	-	-	-	-	-	(81,150)
Project Net	66,947	321	323	(67,591)	-	-	-	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,737,041	-	-	-	-	-	-	-	-	-	-	-	-	1,737,041
120: Overtime-General	105,446	-	-	-	-	-	-	-	-	-	-	-	-	105,446
350: Material Issues-Major	36,722,106	-	-	-	-	-	-	-	-	-	-	-	-	36,722,106
370: Outside Services	59,282,422	-	-	-	-	-	-	-	-	-	-	-	-	59,282,422
374: Outside Services Legal	414,234	-	-	-	-	-	-	-	-	-	-	-	-	414,234
377: Outside Svcs-Temp Labor	35,610	-	-	-	-	-	-	-	-	-	-	-	-	35,610
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	221,082	-	-	-	-	-	-	-	-	-	-	-	-	221,082
805: Land and Land Rights	3,525,993	-	-	-	-	-	-	-	-	-	-	-	-	3,525,993
807: Non Refundable Contrib	(173,389)	-	-	-	-	-	-	-	-	-	-	-	-	(173,389)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	168,106	-	-	-	-	-	-	-	-	-	-	-	-	168,106
914: Pension and Benefits	526,445	-	-	-	-	-	-	-	-	-	-	-	-	526,445
915: Injuries and Damages	182,065	-	-	-	-	-	-	-	-	-	-	-	-	182,065
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	313,551	-	-	-	-	-	-	-	-	-	-	-	-	313,551
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,509,075	-	-	-	-	-	-	-	-	-	-	-	-	2,509,075
926: A&G Loads	2,661,501	-	-	-	-	-	-	-	-	-	-	-	-	2,661,501
928: AFUDC Debt	1,199,285	-	-	-	-	-	-	-	-	-	-	-	-	1,199,285
929: AFUDC Equity	2,025,777	-	-	-	-	-	-	-	-	-	-	-	-	2,025,777
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(111,375,199)	-	-	-	-	-	-	-	-	-	-	-	-	(111,375,199)
825: Closing Cost of Removal	(81,150)	-	-	-	-	-	-	-	-	-	-	-	-	(81,150)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,737,041	-	-	-	-	-	-	-	-	-	-	-	-	1,737,041
120: Overtime-General	105,446	-	-	-	-	-	-	-	-	-	-	-	-	105,446
350: Material Issues-Major	36,722,106	-	-	-	-	-	-	-	-	-	-	-	-	36,722,106
370: Outside Services	59,282,422	-	-	-	-	-	-	-	-	-	-	-	-	59,282,422
374: Outside Services Legal	414,234	-	-	-	-	-	-	-	-	-	-	-	-	414,234
377: Outside Svcs-Temp Labor	35,610	-	-	-	-	-	-	-	-	-	-	-	-	35,610
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	221,082	-	-	-	-	-	-	-	-	-	-	-	-	221,082
805: Land and Land Rights	3,525,993	-	-	-	-	-	-	-	-	-	-	-	-	3,525,993
807: Non Refundable Contrib	(173,389)	-	-	-	-	-	-	-	-	-	-	-	-	(173,389)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	168,106	-	-	-	-	-	-	-	-	-	-	-	-	168,106
914: Pension and Benefits	526,445	-	-	-	-	-	-	-	-	-	-	-	-	526,445
915: Injuries and Damages	182,065	-	-	-	-	-	-	-	-	-	-	-	-	182,065
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	313,551	-	-	-	-	-	-	-	-	-	-	-	-	313,551
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,509,075	-	-	-	-	-	-	-	-	-	-	-	-	2,509,075
926: A&G Loads	2,661,501	-	-	-	-	-	-	-	-	-	-	-	-	2,661,501
928: AFUDC Debt	1,199,285	-	-	-	-	-	-	-	-	-	-	-	-	1,199,285
929: AFUDC Equity	2,025,777	-	-	-	-	-	-	-	-	-	-	-	-	2,025,777
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(111,375,199)	-	-	-	-	-	-	-	-	-	-	-	-	(111,375,199)
825: Closing Cost of Removal	(81,150)	-	-	-	-	-	-	-	-	-	-	-	-	(81,150)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65009319 Palomas Station-Transmission

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 4/1/2019

Estimated Completion Date 6/30/2024

Description

Over the last several years, developers have been consolidating the typical one-acre lots in the North Albuquerque Acres area and subdividing them into much smaller lots to increase residential housing. This change is significantly increasing the load density above what was originally expected for the area. This coupled with the increase in the number of new homes using refrigerated air-conditioning is increasing the residential load significantly in the area. Paseo Del Norte is also a major east/west corridor through the north part of Albuquerque, and there has been steady commercial development along this corridor.

The purpose of this project is to provide transformer and feeder capacity to this region. Specifically, the construction of the La Cueva Substation consists of the following: installation of one or two 115-12.47 kV, 33.6 MVA transformers, a 5-feeder switchgear with a main breaker, and a 3-breaker ring. Additionally, a double circuit 115 kV route for transmission facilities has been recommended, which would tap the RE line and continue to the new substation location. Once completed, the La Cueva Substation will contain two 33.6 MVA transformers, with the fifth feeder on the first unit serving as a bus tie. The feeders will exit from the substation, and then continue north, west, and east to connect to the existing area distribution system.

During final reviews PNM realized it had inadvertently underestimated the costs for 65009950-Los Lunas Capacity Expansion Phase4 during its forecasting process. To correct that, a tradeoff has been completed between 65009950-Los Lunas Capacity Expansion Phase4, 65009319 - Palomas Station-Transmission and another project delayed beyond the capital investment period. **The financial data below reflects adjustments resulting from that tradeoff.**

Project Need Justification

The project need is driven by load growth from the rapidly growing area of Albuquerque north of Paseo del Norte and east of Interstate 25. The North Albuquerque Acres area is also served by long feeders from the Signetics Unit 2, Wyoming, Hamilton Units 1 & 2, and Tramway Substations. This new substation and its associated feeders will allow the existing feeders that serve the area to be shortened, and the load to be reduced on several of the existing feeders, resulting in improved voltages.

Project Alternatives

Alternatives considered include rebuilding the Hamilton Substation or enlarging either the Tramway or Signetics Substation. These alternatives were not considered because they do not address current and future load projects in the Northeast heights. Specifically, these alternatives are infeasible without the addition of another station.

Project Estimate Approach

Estimates were obtained for major equipment from manufacturers, comparable estimates were used for land costs, and construction costs were derived from comparison to other recent similar projects.

During final reviews PNM realized it had inadvertently underestimated the costs for 65009950-Los Lunas Capacity Expansion Phase4 during its forecasting process. To correct that, a tradeoff has been completed between 65009950-Los Lunas Capacity Expansion Phase4, 65009319 - Palomas Station-Transmission and another project delayed beyond the capital investment period. **The financial data below reflects adjustments resulting from that tradeoff.**

Customer Benefit

These enhancements will increase system reliability in the northeast heights by minimizing load and shortening existing feeders. These enhancements will not only increase current reliability, but also ensure that PNM can support future growth in the region.

Primary Value Driver

Reliability

Safety

Reliability

These enhancements will increase system reliability in the northeast heights by minimizing load and shortening existing feeders. These enhancements will not only increase current reliability, but also ensure that PNM can support future growth in the region. The facilities at this substation will also enhance reliability in the event of an incident on the transmission line and will allow for load to be picked up.

System Performance

This new substation and associated feeders will allow the existing feeders that serve the area to be shortened, and the load to be reduced on several of the existing feeders, resulting in improved voltages.

Security

Compliance

Environmental

Project No:	65009319 Palomas Station-Transmission							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	262,955	(4,786)	-	(11,173)	(11,173)	(5,592)	(5,592)	223,739
120: Overtime-General	6,398	-	-	-	-	-	-	6,398
350: Material Issues-Major	1,813,861	-	-	-	-	106,041	106,041	2,025,943
370: Outside Services	1,307,981	(43,070)	-	(100,559)	(100,559)	(100,559)	(100,559)	862,674
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3,399	-	-	-	-	-	-	3,399
805: Land and Land Rights	938,569	-	-	-	-	-	-	938,569
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	20,548	(362)	-	(846)	(846)	(423)	(423)	17,647
914: Pension and Benefits	61,862	(1,030)	-	(2,404)	(2,404)	(1,203)	(1,203)	53,617
915: Injuries and Damages	21,158	(410)	-	(956)	(956)	(479)	(479)	17,879
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,635	-	-	-	-	7,757	7,757	24,149
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	152,067	(1,986)	-	(4,638)	(4,638)	(89)	(89)	140,628
926: A&G Loads	125,334	(1,895)	-	(4,425)	(4,425)	(4)	(4)	114,581
928: AFUDC Debt	19,704	5,492	5,481	5,422	5,277	5,220	5,253	51,850
929: AFUDC Equity	55,559	13,181	13,156	13,014	12,666	12,530	12,608	132,714
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(879,430)	-	-	-	-	-	-	(879,430)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	3,917,701	(34,866)	18,638	(106,565)	(107,059)	23,199	23,309	3,734,357

Project No:	65009319 Palomas Station-Transmission													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	223,739	-	-	-	-	-	-	-	-	-	-	-	-	223,739
120: Overtime-General	6,398	-	-	-	-	-	-	-	-	-	-	-	-	6,398
350: Material Issues-Major	2,025,943	-	-	-	-	-	-	-	-	-	-	-	-	2,025,943
370: Outside Services	862,674	-	-	-	-	-	-	-	-	-	-	-	-	862,674
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,399	-	-	-	-	-	-	-	-	-	-	-	-	3,399
805: Land and Land Rights	938,569	-	-	-	-	-	-	-	-	-	-	-	-	938,569
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,647	-	-	-	-	-	-	-	-	-	-	-	-	17,647
914: Pension and Benefits	53,617	-	-	-	-	-	-	-	-	-	-	-	-	53,617
915: Injuries and Damages	17,879	-	-	-	-	-	-	-	-	-	-	-	-	17,879
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	24,149	-	-	-	-	-	-	-	-	-	-	-	-	24,149
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	140,628	-	-	-	-	-	-	-	-	-	-	-	-	140,628
926: A&G Loads	114,581	-	-	-	-	-	-	-	-	-	-	-	-	114,581
928: AFUDC Debt	51,850	-	-	-	-	-	-	-	-	-	-	-	-	51,850
929: AFUDC Equity	132,714	-	-	-	-	-	-	-	-	-	-	-	-	132,714
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(879,430)	-	-	-	-	-	-	-	-	-	-	-	-	(879,430)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	3,734,357	-	-	-	-	-	-	-	-	-	-	-	-	3,734,357

Project No:	65009319 Palomas Station-Transmission													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	223,739	-	-	-	-	-	-	-	-	-	-	-	-	223,739
120: Overtime-General	6,398	-	-	-	-	-	-	-	-	-	-	-	-	6,398
350: Material Issues-Major	2,025,943	-	-	-	-	-	-	-	-	-	-	-	-	2,025,943
370: Outside Services	862,674	-	-	-	-	-	-	-	-	-	-	-	-	862,674
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,399	-	-	-	-	-	-	-	-	-	-	-	-	3,399
805: Land and Land Rights	938,569	-	-	-	-	-	-	-	-	-	-	-	-	938,569
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,647	-	-	-	-	-	-	-	-	-	-	-	-	17,647
914: Pension and Benefits	53,617	-	-	-	-	-	-	-	-	-	-	-	-	53,617
915: Injuries and Damages	17,879	-	-	-	-	-	-	-	-	-	-	-	-	17,879
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	24,149	-	-	-	-	-	-	-	-	-	-	-	-	24,149
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	140,628	-	-	-	-	-	-	-	-	-	-	-	-	140,628
926: A&G Loads	114,581	-	-	-	-	-	-	-	-	-	-	-	-	114,581
928: AFUDC Debt	51,850	-	-	-	-	-	-	-	-	-	-	-	-	51,850
929: AFUDC Equity	132,714	-	-	-	-	-	-	-	-	-	-	-	-	132,714
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(879,430)	-	-	-	-	-	-	(3,601,481)	-	-	-	-	-	(4,480,910)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(132,877)	-	-	-	-	-	(132,877)
Project Net	3,734,357	-	-	-	-	-	-	(3,734,357)	-	-	-	-	-	(0)

Project No: 65009321 **Project Sky Ranch 1**
Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Valencia 81%
 Bernalillo 19%

Estimated Start Date 4/1/2021
Estimated Completion Date 7/30/2024

Description
 The project involves constructing a new 115kV substation called the Sun Ranch Substation, building a new 115kV line between Sun Ranch and Rattlesnake substations, rebuilding PNM's existing Los Morros to Sun Ranch (WB) and Huning Ranch to Los Morros (HM) lines, upgrading the voltage on PNM's existing 46kV Person to Tome (PB) line to 115kV, building a new 115kV terminal at Person substation, build a new 115kV terminal at Tome substation, and interconnecting NextEra's Sky Ranch substation. Once completed, this project will allow for increased load and enhanced system reliability by installing the equipment necessary to comply with various North American Electric Reliability Corporation (NERC) and Western Electricity Coordination Council (WECC) requirements and reliability standards.

Project Need Justification
 The purpose of this project is to increase system capacity to support future generation, and to fulfill Large Generation Interconnection Agreement (LGIA) Sky Ranch 1 (SA#530) and Sky Ranch 2 (SA#570) to interconnect NextEra's 190MW generation facility. The LGIAs state that after notice to proceed is given to PNM, the network upgrades associated with each LGIA must be complete within 30 months.

Project Alternatives
 One alternative is to not building the necessary network upgrades to sustain the 190MW generation. If PNM does not upgrade the conductor on the transmission lines, the 190 MWs cannot be interconnected into the grid. If PNM does not build Sun Ranch Substation, the interconnector will not have a gen-tie to connect to the grid. Both are needed to fulfill the LGIA.

Project Estimate Approach
 The estimate was developed using historical internal and external labor and material data from previous projects with a 10% contingency adder. This project's scope includes multiple projects, including seven 115kV station builds and five 115kV transmission line builds, and relay work, This project will also consist of network upgrade and Transmission Provider Interconnection Facility (TPIF) costs.

Customer Benefit
 This project will build multiple network upgrades throughout the Valencia and Bernalillo areas. PNM will build a 115kV loop that allows a redundant path and will sectionalize 115kV lines that increases the grid resilience with fault conditions. The voltage conversion allows for 190MW generation to not overload the existing 46kV line.

Primary Value Driver System Performance

Safety

Reliability

System Performance System performance increases because the generation is close to the load. The network upgrades allow for more power to travel on the same transmission line routes. The 190MW of renewable generation also helps PNM meet the zero emission goal.

Security

Compliance

Environmental

Project No:

65009321 Project Sky Ranch 1

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	86,746	2,772	106,770	106,770	127,720	127,720	127,720	686,216
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	421,714	-	263,423	263,423	263,423	263,423	263,423	1,738,827
370: Outside Services	286,187	24,944	12,604	12,604	197,129	197,129	197,129	927,727
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	2,263	-	158,054	158,054	158,054	158,054	158,054	792,531
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,566	210	8,082	8,082	9,668	9,668	9,668	51,946
914: Pension and Benefits	18,951	596	22,977	22,977	27,485	27,485	27,485	147,957
915: Injuries and Damages	7,417	237	9,139	9,139	10,933	10,933	10,933	58,732
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,953	-	19,269	19,269	19,269	19,269	19,269	98,300
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	87,477	1,150	23,242	23,242	31,776	31,776	31,776	230,441
926: A&G Loads	29,974	1,098	21,418	21,418	29,554	29,554	29,554	162,570
928: AFUDC Debt	3,184	-	-	-	-	-	-	3,184
929: AFUDC Equity	8,201	-	-	-	-	-	-	8,201
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(95,762)	(95,762)
825: Closing Cost of Removal	-	-	-	-	-	-	(2,370)	(2,370)
Project Net	960,634	31,007	644,978	644,978	875,012	875,012	776,879	4,808,499

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	686,216	976,657	976,657	976,657	976,657	976,657	170,913	170,913	170,913	170,913	170,913	170,913	170,913	6,765,889
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,738,827	2,014,360	2,014,360	2,014,360	2,014,360	2,014,360	-	-	-	-	-	-	-	11,810,628
370: Outside Services	927,727	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	1,507,422	19,016,791
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	792,531	1,208,616	1,208,616	1,208,616	1,208,616	1,208,616	-	-	-	-	-	-	-	6,835,611
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	51,946	73,542	73,542	73,542	73,542	73,542	12,870	12,870	12,870	12,870	12,870	12,870	12,870	509,745
914: Pension and Benefits	147,957	224,924	224,924	224,924	224,924	224,924	39,361	39,361	39,361	39,361	39,361	39,361	39,361	1,548,106
915: Injuries and Damages	58,732	97,177	97,177	97,177	97,177	97,177	17,006	17,006	17,006	17,006	17,006	17,006	17,006	663,659
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	98,300	146,968	146,968	146,968	146,968	146,968	-	-	-	-	-	-	-	833,139
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	230,441	305,135	305,135	305,135	305,135	305,135	87,379	87,379	87,379	87,379	87,379	87,379	87,379	2,367,766
926: A&G Loads	162,570	204,883	204,883	204,883	204,883	204,883	60,252	60,252	60,252	60,252	60,252	60,252	60,252	1,608,752
928: AFUDC Debt	3,184	-	-	-	-	-	-	-	-	-	-	-	-	3,184
929: AFUDC Equity	8,201	-	-	-	-	-	-	-	-	-	-	-	-	8,201
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(95,762)	-	-	-	-	-	-	-	-	-	-	-	(40,276,201)	(40,371,963)
825: Closing Cost of Removal	(2,370)	-	-	-	-	-	-	-	-	-	-	-	(1,222,470)	(1,224,840)
Project Net	4,808,499	6,759,685	6,759,685	6,759,685	6,759,685	6,759,685	1,895,202	1,895,202	1,895,202	1,895,202	1,895,202	1,895,202	(39,603,469)	10,374,668

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	6,765,889	908,431	908,431	908,431	908,431	56,922	56,922	-	-	-	-	-	-	9,605,026
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	11,810,628	-	-	-	-	-	-	-	-	-	-	-	-	11,810,628
370: Outside Services	19,016,791	8,012,211	8,012,211	8,012,211	8,012,211	512,297	512,297	-	-	-	-	-	-	44,078,019
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	6,835,611	-	-	-	-	-	-	-	-	-	-	-	-	6,835,611
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	509,745	68,405	68,405	68,405	68,405	4,286	4,286	-	-	-	-	-	-	723,532
914: Pension and Benefits	1,548,106	209,212	209,212	209,212	209,212	13,109	13,109	-	-	-	-	-	-	2,201,959
915: Injuries and Damages	663,659	90,389	90,389	90,389	90,389	5,664	5,664	-	-	-	-	-	-	946,153
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	833,139	-	-	-	-	-	-	-	-	-	-	-	-	833,139
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,367,766	464,432	464,432	464,432	464,432	29,614	29,614	-	-	-	-	-	-	3,820,291
926: A&G Loads	1,608,752	388,048	388,048	388,048	388,048	24,761	24,761	-	-	-	-	-	-	2,822,418
928: AFUDC Debt	3,184	-	-	-	-	-	-	-	-	-	-	-	-	3,184
929: AFUDC Equity	8,201	-	-	-	-	-	-	-	-	-	-	-	-	8,201
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(40,371,963)	-	-	-	-	-	-	(40,834,240)	-	-	-	-	-	(81,206,203)
825: Closing Cost of Removal	(1,224,840)	-	-	-	-	-	-	(1,257,118)	-	-	-	-	-	(2,481,959)
Project Net	10,374,668	10,141,128	10,141,128	10,141,128	10,141,128	646,653	646,653	(42,091,358)	-	-	-	-	-	(0)

Project No: 65009419 Western Spirit Transmission Project

Company: 002 Transmission Services
 Location: 650 Transmission General

Project Information

Estimated Start Date 5/1/2019
 Estimated Completion Date 9/1/2022

County %	Torrance	50%
	Valencia	37%
	Bernalillo	6%
	Socorro	5%
	Santa Fe	2%

Description Activity for this project is addressed by the proceedings for NMPRC Case No. 19-00129-UT, Public Service Company of New Mexico's petition for approval to acquire the Western Spirit 345 kV transmission project.

Project Need Justification

Project Alternatives

Project Estimate Approach

Customer Benefit

Primary Value Driver

Safety

Reliability

System Performance

Security

Compliance

Environmental

Project No:	65009419 Western Spirit Transmission Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,695,174	-	-	-	-	-	-	1,695,174
120: Overtime-General	276,054	-	-	-	-	-	-	276,054
350: Material Issues-Major	22,017,792	-	-	-	-	-	-	22,017,792
370: Outside Services	12,314,407	-	-	-	-	-	-	12,314,407
374: Outside Services Legal	1,814,424	-	-	-	-	-	-	1,814,424
377: Outside Svcs-Temp Labor	12,852	-	-	-	-	-	-	12,852
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	294,755	-	-	-	-	-	-	294,755
805: Land and Land Rights	79,086	-	-	-	-	-	-	79,086
807: Non Refundable Contrib	(1,910,946)	-	-	-	-	-	-	(1,910,946)
829: Construction Adjustment	323,357,357	-	-	-	-	-	-	323,357,357
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	121,504	-	-	-	-	-	-	121,504
914: Pension and Benefits	358,709	-	-	-	-	-	-	358,709
915: Injuries and Damages	125,625	-	-	-	-	-	-	125,625
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	211,401	-	-	-	-	-	-	211,401
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	1,560,140	-	-	-	-	-	-	1,560,140
926: A&G Loads	1,063,503	-	-	-	-	-	-	1,063,503
928: AFUDC Debt	269	-	-	-	-	-	-	269
929: AFUDC Equity	733	-	-	-	-	-	-	733
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(362,120,462)	-	-	(1,068,667)	-	-	-	(363,189,129)
825: Closing Cost of Removal	(159,985)	-	-	-	(43,723)	-	-	(203,708)
Project Net	1,112,390	-	-	(1,068,667)	(43,723)	-	-	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,695,174	-	-	-	-	-	-	-	-	-	-	-	-	1,695,174
120: Overtime-General	276,054	-	-	-	-	-	-	-	-	-	-	-	-	276,054
350: Material Issues-Major	22,017,792	-	-	-	-	-	-	-	-	-	-	-	-	22,017,792
370: Outside Services	12,314,407	-	-	-	-	-	-	-	-	-	-	-	-	12,314,407
374: Outside Services Legal	1,814,424	-	-	-	-	-	-	-	-	-	-	-	-	1,814,424
377: Outside Svcs-Temp Labor	12,852	-	-	-	-	-	-	-	-	-	-	-	-	12,852
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	294,755	-	-	-	-	-	-	-	-	-	-	-	-	294,755
805: Land and Land Rights	79,086	-	-	-	-	-	-	-	-	-	-	-	-	79,086
807: Non Refundable Contrib	(1,910,946)	-	-	-	-	-	-	-	-	-	-	-	-	(1,910,946)
829: Construction Adjustment	323,357,357	-	-	-	-	-	-	-	-	-	-	-	-	323,357,357
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	121,504	-	-	-	-	-	-	-	-	-	-	-	-	121,504
914: Pension and Benefits	358,709	-	-	-	-	-	-	-	-	-	-	-	-	358,709
915: Injuries and Damages	125,625	-	-	-	-	-	-	-	-	-	-	-	-	125,625
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	211,401	-	-	-	-	-	-	-	-	-	-	-	-	211,401
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,560,140	-	-	-	-	-	-	-	-	-	-	-	-	1,560,140
926: A&G Loads	1,063,503	-	-	-	-	-	-	-	-	-	-	-	-	1,063,503
928: AFUDC Debt	269	-	-	-	-	-	-	-	-	-	-	-	-	269
929: AFUDC Equity	733	-	-	-	-	-	-	-	-	-	-	-	-	733
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(363,189,129)	-	-	-	-	-	-	-	-	-	-	-	-	(363,189,129)
825: Closing Cost of Removal	(203,708)	-	-	-	-	-	-	-	-	-	-	-	-	(203,708)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,695,174	-	-	-	-	-	-	-	-	-	-	-	-	1,695,174
120: Overtime-General	276,054	-	-	-	-	-	-	-	-	-	-	-	-	276,054
350: Material Issues-Major	22,017,792	-	-	-	-	-	-	-	-	-	-	-	-	22,017,792
370: Outside Services	12,314,407	-	-	-	-	-	-	-	-	-	-	-	-	12,314,407
374: Outside Services Legal	1,814,424	-	-	-	-	-	-	-	-	-	-	-	-	1,814,424
377: Outside Svcs-Temp Labor	12,852	-	-	-	-	-	-	-	-	-	-	-	-	12,852
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	294,755	-	-	-	-	-	-	-	-	-	-	-	-	294,755
805: Land and Land Rights	79,086	-	-	-	-	-	-	-	-	-	-	-	-	79,086
807: Non Refundable Contrib	(1,910,946)	-	-	-	-	-	-	-	-	-	-	-	-	(1,910,946)
829: Construction Adjustment	323,357,357	-	-	-	-	-	-	-	-	-	-	-	-	323,357,357
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	121,504	-	-	-	-	-	-	-	-	-	-	-	-	121,504
914: Pension and Benefits	358,709	-	-	-	-	-	-	-	-	-	-	-	-	358,709
915: Injuries and Damages	125,625	-	-	-	-	-	-	-	-	-	-	-	-	125,625
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	211,401	-	-	-	-	-	-	-	-	-	-	-	-	211,401
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,560,140	-	-	-	-	-	-	-	-	-	-	-	-	1,560,140
926: A&G Loads	1,063,503	-	-	-	-	-	-	-	-	-	-	-	-	1,063,503
928: AFUDC Debt	269	-	-	-	-	-	-	-	-	-	-	-	-	269
929: AFUDC Equity	733	-	-	-	-	-	-	-	-	-	-	-	-	733
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(363,189,129)	-	-	-	-	-	-	-	-	-	-	-	-	(363,189,129)
825: Closing Cost of Removal	(203,708)	-	-	-	-	-	-	-	-	-	-	-	-	(203,708)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65009421 Embudo to Reeves 115kV Upgrade

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 10/1/2021

Estimated Completion Date 12/31/2026

Description

This project is a 9.0-mile horizontally configured 115kV transmission line rebuild from the vicinity of Str. 45 to Reeves substation. There are approximately 48 existing structures and 6.6 miles of 115kV line miles that need to be replaced. The existing 2.4 mile segment following Tramway Blvd down to Embudo station will not be evaluated for replacement.

Project Need Justification

These line assets are past their end of life, of approximately 50 years for wood poles, and require replacement and designs to current standards.

Project Alternatives

The do nothing approach was not considered since assets are past their end of life and require replacement and upgrades to current standards. Another alternative is relocation, but this is also not possible due to the densely populated region.

Project Estimate Approach

Estimate assumed that all existing wooden structure from Reeves Station to Str. 45 will be replaced with steel monopoles. The entire 6.6 mile segment from Reeves Station to Str. 45 will have new conductor and optical ground wire (OPGW) strung. The estimate considered these materials needs as well as labor, 90% of which was assumed to be external labor with 10% being internal costs.

Customer Benefit

Customers supported by this line will benefit from increased grid resiliency for continuous power operation.

Primary Value Driver

Reliability

Safety

This project will reduce risk of catastrophic failure which could jeopardize public safety.

Reliability

This project will help improve system reliability by replaced aging wood structures with stronger steel structures.

System Performance

Security

Compliance

Environmental

Project No: 65009421 Embudo to Reeves 115kV Upgrade

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	5,852	5,875	6,284	4,275	3,539	3,288	29,113
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	52,671	52,875	56,553	38,477	31,851	29,589	262,015
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	443	445	476	324	268	249	2,204
914: Pension and Benefits	-	1,259	1,264	1,352	920	762	708	6,265
915: Injuries and Damages	-	501	503	538	366	303	281	2,492
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	2,429	2,438	2,608	1,774	1,469	1,365	12,084
926: A&G Loads	-	2,318	2,327	2,488	1,693	1,401	1,302	11,529
928: AFUDC Debt	-	45	135	229	311	372	426	1,517
929: AFUDC Equity	-	108	324	549	746	893	1,023	3,642
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	65,626	66,185	71,077	48,885	40,857	38,229	330,860

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	29,113	-	-	-	-	-	-	-	-	-	-	-	-	29,113
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	262,015	-	-	-	-	-	-	-	-	-	-	-	-	262,015
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,204	-	-	-	-	-	-	-	-	-	-	-	-	2,204
914: Pension and Benefits	6,265	-	-	-	-	-	-	-	-	-	-	-	-	6,265
915: Injuries and Damages	2,492	-	-	-	-	-	-	-	-	-	-	-	-	2,492
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	12,084	-	-	-	-	-	-	-	-	-	-	-	-	12,084
926: A&G Loads	11,529	-	-	-	-	-	-	-	-	-	-	-	-	11,529
928: AFUDC Debt	1,517	683	686	689	693	696	699	703	706	710	713	716	720	9,931
929: AFUDC Equity	3,642	871	875	879	883	888	892	896	901	905	909	914	918	14,374
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	330,860	1,553	1,561	1,569	1,576	1,584	1,591	1,599	1,607	1,615	1,622	1,630	1,638	350,005

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	29,113	-	-	-	-	-	-	-	-	-	-	-	-	29,113
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	262,015	-	-	-	-	-	-	-	-	-	-	-	-	262,015
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,204	-	-	-	-	-	-	-	-	-	-	-	-	2,204
914: Pension and Benefits	6,265	-	-	-	-	-	-	-	-	-	-	-	-	6,265
915: Injuries and Damages	2,492	-	-	-	-	-	-	-	-	-	-	-	-	2,492
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	12,084	-	-	-	-	-	-	-	-	-	-	-	-	12,084
926: A&G Loads	11,529	-	-	-	-	-	-	-	-	-	-	-	-	11,529
928: AFUDC Debt	9,931	611	614	617	620	624	627	630	633	636	639	642	-	16,824
929: AFUDC Equity	14,374	1,060	1,065	1,070	1,076	1,081	1,086	1,091	1,097	1,102	1,108	1,113	-	26,323
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(359,076)	(359,076)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(9,771)	(9,771)
Project Net	350,005	1,671	1,679	1,688	1,696	1,704	1,713	1,721	1,730	1,738	1,747	(367,092)	(0)	(0)

Project No: 65009422 Los Lunas Capacity Expansion

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Valencia 100%

Estimated Start Date 4/15/2021

Estimated Completion Date 12/30/2022

Description
The Los Lunas Expansion Phase 3 Project is to construct a new 115kV Substation which will be called Rattlesnake, make modifications to the existing 115kV Huning Ranch Substation, and build a new 115kV double circuit transmission line between the Rattlesnake 115kV Substation and Huning Ranch 115kV Substation to serve the Facebook Data Center with an increase load requirements from 200MW to 275MW over time.
The project is a system improvement to support existing and future residential, commercial, and industrial load growth, inclusive of an existing data center, in the Village of Los Lunas in Valencia County.

Project Need Justification
The purpose of the project is to provide substation capacity to serve existing load and future new growth in the Village of Los Lunas, which is experiencing increased development of employment and residential uses. The project will also facilitate the interconnection and utilization of renewable resources.

Project Alternatives
The only alternative is the do nothing approach. This approach wasn't chosen because the load in the Valencia area has maxed out. This project allows the Village of Los Lunas to expand and have economic growth.

Project Estimate Approach
The estimate was developed using historical internal and external labor and material costs from previous projects that were built within the last two years and with a 10% contingency adder.

Customer Benefit
This project allows for future growth in the Village of Los Lunas and increase reliability within the Valencia area. This directly benefits current and future residential, commercial, and industrial customers.

Primary Value Driver System Performance

Safety

Reliability

System Performance This project provides substation capacity and facilitates the interconnection of renewable resources in the Village of Los Lunas, addressing the increased development of employment and residential uses.

Security

Compliance

Environmental

Project No:

65009422 Los Lunas Capacity Expansion

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	159,174	12,000	12,000	127,000	127,000	-	-	437,174
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	873,667	100,000	100,000	100,000	-	-	-	1,173,667
370: Outside Services	14,697,783	-	-	-	-	-	-	14,697,783
374: Outside Services Legal	22,258	2,419,272	720,000	401,770	963,480	-	-	4,526,780
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	5,758	-	-	-	-	-	-	5,758
805: Land and Land Rights	20,100	-	-	-	-	-	-	20,100
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,985	908	908	9,614	9,614	-	-	33,030
914: Pension and Benefits	34,451	2,582	2,582	27,330	27,330	-	-	94,276
915: Injuries and Damages	12,837	1,027	1,027	10,871	10,871	-	-	36,633
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	36,429	7,315	7,315	7,315	-	-	-	58,374
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	751,981	101,432	33,461	27,063	45,532	-	-	959,469
926: A&G Loads	599,745	100,238	32,947	24,899	43,183	-	-	801,013
928: AFUDC Debt	61,606	26,544	29,175	30,442	31,932	32,926	33,084	245,709
929: AFUDC Equity	179,987	63,710	70,023	73,065	76,642	79,027	79,406	621,860
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(23,543,090)	(23,543,090)
825: Closing Cost of Removal	-	-	-	-	-	-	(168,537)	(168,537)
Project Net	17,467,761	2,835,029	1,009,439	839,370	1,335,585	111,953	(23,599,136)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	437,174	-	-	-	-	-	-	-	-	-	-	-	-	437,174
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,173,667	-	-	-	-	-	-	-	-	-	-	-	-	1,173,667
370: Outside Services	14,697,783	-	-	-	-	-	-	-	-	-	-	-	-	14,697,783
374: Outside Services Legal	4,526,780	-	-	-	-	-	-	-	-	-	-	-	-	4,526,780
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	5,758	-	-	-	-	-	-	-	-	-	-	-	-	5,758
805: Land and Land Rights	20,100	-	-	-	-	-	-	-	-	-	-	-	-	20,100
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,030	-	-	-	-	-	-	-	-	-	-	-	-	33,030
914: Pension and Benefits	94,276	-	-	-	-	-	-	-	-	-	-	-	-	94,276
915: Injuries and Damages	36,633	-	-	-	-	-	-	-	-	-	-	-	-	36,633
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	58,374	-	-	-	-	-	-	-	-	-	-	-	-	58,374
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	959,469	-	-	-	-	-	-	-	-	-	-	-	-	959,469
926: A&G Loads	801,013	-	-	-	-	-	-	-	-	-	-	-	-	801,013
928: AFUDC Debt	245,709	-	-	-	-	-	-	-	-	-	-	-	-	245,709
929: AFUDC Equity	621,860	-	-	-	-	-	-	-	-	-	-	-	-	621,860
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(23,543,090)	-	-	-	-	-	-	-	-	-	-	-	-	(23,543,090)
825: Closing Cost of Removal	(168,537)	-	-	-	-	-	-	-	-	-	-	-	-	(168,537)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	437,174	-	-	-	-	-	-	-	-	-	-	-	-	437,174
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,173,667	-	-	-	-	-	-	-	-	-	-	-	-	1,173,667
370: Outside Services	14,697,783	-	-	-	-	-	-	-	-	-	-	-	-	14,697,783
374: Outside Services Legal	4,526,780	-	-	-	-	-	-	-	-	-	-	-	-	4,526,780
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	5,758	-	-	-	-	-	-	-	-	-	-	-	-	5,758
805: Land and Land Rights	20,100	-	-	-	-	-	-	-	-	-	-	-	-	20,100
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,030	-	-	-	-	-	-	-	-	-	-	-	-	33,030
914: Pension and Benefits	94,276	-	-	-	-	-	-	-	-	-	-	-	-	94,276
915: Injuries and Damages	36,633	-	-	-	-	-	-	-	-	-	-	-	-	36,633
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	58,374	-	-	-	-	-	-	-	-	-	-	-	-	58,374
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	959,469	-	-	-	-	-	-	-	-	-	-	-	-	959,469
926: A&G Loads	801,013	-	-	-	-	-	-	-	-	-	-	-	-	801,013
928: AFUDC Debt	245,709	-	-	-	-	-	-	-	-	-	-	-	-	245,709
929: AFUDC Equity	621,860	-	-	-	-	-	-	-	-	-	-	-	-	621,860
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(23,543,090)	-	-	-	-	-	-	-	-	-	-	-	-	(23,543,090)
825: Closing Cost of Removal	(168,537)	-	-	-	-	-	-	-	-	-	-	-	-	(168,537)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65009522 Atrisco Interconnection

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 9/30/2024

Description Atrisco 345 kV is a future switching station located on PNM's existing Rio Puerco-West Mesa 345 kV line. This station enables interconnection of a 400 MW solar facility and its associated battery energy storage facility to PNM's system.

Project Need Justification PNM provides generator interconnection services to its transmission system required under the Federal Energy Regulation Commission (FERC) Open Access Transmission Tariff (OATT). The FERC OATT requirements established the application requirements and the mutual obligations of PNM for any eligible interconnection customer seeking generator interconnection. PNM is required, per FERC regulations, to provide generator interconnection service on a non-discriminatory basis to any eligible interconnection customer that meets the criteria outlined in PNM's OATT. Under the procedures, PNM is required to use due diligence to implement the interconnection, and construct, own, and operate the interconnection facilities required to interconnect a generating facility to the PNM transmission system. The Atrisco Solar facility will meet all required obligations and as such, PNM plans to interconnect the facility via this new switching station.

Project Alternatives Because PNM is required to interconnect the Atrisco Facilities pursuant to FERC requirements from the PNM OATT and the Commission-approved purchased power agreement to purchase energy and storage capacity from the Atrisco Facilities, there are no feasible alternatives. Not building the Project would preclude the Atrisco generation and battery storage from interconnecting with the PNM transmission system. PNM is mandated under FERC regulation to interconnect wholesale generators and associated energy storage systems by providing non-discriminatory interconnection services to qualified customers.

Project Estimate Approach The estimate was derived using prior project costs and bids from equipment vendors.

Customer Benefit Customers benefit from the addition of renewable power and storage resources as well as the increased sectionalization of an existing 345 kV transmission line.

Primary Value Driver System Performance

Safety

Reliability

System Performance The system performance will be improved through the addition of a new generation resource and an associated battery energy storage system, as well as improved reliability through increased sectionalization of PNM's existing transmission line.

Security

Compliance

Environmental

Project No:	65009522 Atrisco Interconnection							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	5,520	5,520	11,039
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	49,676	49,676	99,353
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	418	418	836
914: Pension and Benefits	-	-	-	-	-	1,188	1,188	2,376
915: Injuries and Damages	-	-	-	-	-	472	472	945
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	2,291	2,291	4,582
926: A&G Loads	-	-	-	-	-	2,186	2,186	4,372
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	61,751	61,751	123,501

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	11,039	5,520	5,520	5,520	5,520	5,520	5,520	5,520	5,520	5,520	400,365	400,365	400,365	1,261,810
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	987,113	987,113	987,113	2,961,340
370: Outside Services	99,353	49,676	49,676	49,676	49,676	49,676	49,676	49,676	49,676	49,676	49,676	49,676	49,676	695,468
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	592,268	592,268	592,268	1,776,804
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	836	416	416	416	416	416	416	416	416	416	30,147	30,147	30,147	95,019
914: Pension and Benefits	2,376	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	92,204	92,204	92,204	290,428
915: Injuries and Damages	945	549	549	549	549	549	549	549	549	549	39,836	39,836	39,836	125,397
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	72,020	72,020	72,020	216,059
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	4,582	2,872	2,872	2,872	2,872	2,872	2,872	2,872	2,872	2,872	109,581	109,581	109,581	359,168
926: A&G Loads	4,372	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	72,856	72,856	72,856	240,774
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(7,781,598)	(7,781,598)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(240,668)	(240,668)
Project Net	123,501	62,285	62,285	62,285	62,285	62,285	62,285	62,285	62,285	62,285	2,446,067	2,446,067	(5,576,199)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,261,810	613,412	218,567	218,567	218,567	218,567	5,520	5,520	5,520	5,520	-	-	-	2,771,567
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,961,340	987,113	-	-	-	-	-	-	-	-	-	-	-	3,948,453
370: Outside Services	695,468	1,967,100	1,967,100	1,967,100	1,967,100	3,207,129	49,676	49,676	49,676	49,676	-	-	-	11,969,702
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,776,804	592,268	-	-	-	-	-	-	-	-	-	-	-	2,369,072
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	95,019	46,190	16,458	16,458	16,458	16,458	416	416	416	416	-	-	-	208,703
914: Pension and Benefits	290,428	141,269	50,336	50,336	50,336	50,336	1,271	1,271	1,271	1,271	-	-	-	638,125
915: Injuries and Damages	125,397	61,034	21,747	21,747	21,747	21,747	549	549	549	549	-	-	-	275,618
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	216,059	72,020	-	-	-	-	-	-	-	-	-	-	-	288,079
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	359,168	220,419	113,710	113,710	113,710	175,712	2,872	2,872	2,872	2,872	-	-	-	1,107,917
926: A&G Loads	240,774	180,955	95,077	95,077	95,077	149,018	2,401	2,401	2,401	2,401	-	-	-	865,581
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,781,598)	-	-	-	-	-	-	-	-	(15,927,934)	-	-	-	(23,709,532)
825: Closing Cost of Removal	(240,668)	-	-	-	-	-	-	-	-	(492,616)	-	-	-	(733,284)
Project Net	0	4,881,781	2,482,995	2,482,995	2,482,995	3,838,967	62,704	62,704	62,704	(16,357,846)	-	-	-	-

Project No: 65009618 345kV Structure Replacement Phase 3

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % McKinley 25%
Sandoval 75%

Estimated Start Date 4/11/2018

Estimated Completion Date 12/31/2022

Description

Transmission line poles can be constructed in a variety of ways. Transmission poles in San Juan county are wooden K-Frame tangent structures. The purpose of this project is to continue replacement of these wooden K-Frame tangent structures with steel H-Frame structures on the FW 345kV Transmission Line.

For this major transmission line segment, replacing the existing aged wood structures with new, current technology steel structures provide long-term durability for the future. Specifically, this project aims to meet the following operation and safety objectives:

1. Protect and maintain PNM's major transmission infrastructure from line damage and collapse
2. Mitigate bulk-electric system operational risk and ensure customer power delivery
3. Mitigate public's and personnel's hazardous exposure to extra high voltage infrastructure

Project Need Justification

This 345kV transmission line is over 50 years old and reaching the end of its useful life. As this structure ages, its risk of failure increases. The 345kV transmission lines carry the bulk electric grid power necessary for support and delivery of customer energy and capacity needs. It is critical to mitigate any risks to bulk electric operations, as failure of these lines can cause extended and widespread outages.

Project Alternatives

The only alternative to this project is to continue replacing components as they fail and rebuilding with similar wood structure members. As structures continue to age, maintenance costs will escalate. Additionally, the risk of decreased reliability and line damage due to potential structure failures will increase. Further, once these transmission structures approach the end of their useful lives, maintenance options are few, as the basic structural integrity of the line has degraded beyond maintenance practices.

Project Estimate Approach

For major equipment like transmission structures PNM contacted alliance vendor (Trinity Meyer) and requested information regarding the costs and schedules of these major items. Additionally, labor and contractor estimates were created from past projects that are similar in nature.

Customer Benefit

These enhancements will ensure that system reliability and power delivery efficiency is maximized. Specifically, these enhancements will minimize unplanned and planned downtime. These minimizations will benefit customers directly.

Primary Value Driver Reliability

Safety

Reliability Replacement of wooden structures installed in the 1960's that are well past their expected life-cycle with new steel structures will ensure the reliability of PNM's 345kV bulk transmission system. These enhancements will be reflected positively in the System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:	65009618 345kV Structure Replacement Phase 3							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	165,856	-	-	-	-	-	-	165,856
120: Overtime-General	8,030	-	-	-	-	-	-	8,030
350: Material Issues-Major	7,429,693	-	-	-	-	-	-	7,429,693
370: Outside Services	9,747,537	16,667	16,667	16,667	16,667	16,667	16,667	9,847,537
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	20,838	-	-	-	-	-	-	20,838
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,044	-	-	-	-	-	-	13,044
914: Pension and Benefits	38,881	-	-	-	-	-	-	38,881
915: Injuries and Damages	13,425	-	-	-	-	-	-	13,425
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	53,734	-	-	-	-	-	-	53,734
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	(142,027)	667	667	667	667	667	667	(138,027)
926: A&G Loads	492,571	660	660	660	660	660	660	496,531
928: AFUDC Debt	189,999	91	116	141	166	192	217	190,921
929: AFUDC Equity	629,540	217	278	338	399	460	521	631,753
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(17,712,761)	-	-	-	-	-	(163,278)	(17,876,039)
825: Closing Cost of Removal	(892,939)	-	-	-	-	-	(3,239)	(896,178)
Project Net	55,422	18,301	18,387	18,472	18,558	18,645	(147,785)	-

Project No:	65009618 345kV Structure Replacement Phase 3													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	165,856	-	-	-	-	-	-	-	-	-	-	-	-	165,856
120: Overtime-General	8,030	-	-	-	-	-	-	-	-	-	-	-	-	8,030
350: Material Issues-Major	7,429,693	-	-	-	-	-	-	-	-	-	-	-	-	7,429,693
370: Outside Services	9,847,537	-	-	-	-	-	-	-	-	-	-	-	-	9,847,537
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	20,838	-	-	-	-	-	-	-	-	-	-	-	-	20,838
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,044	-	-	-	-	-	-	-	-	-	-	-	-	13,044
914: Pension and Benefits	38,881	-	-	-	-	-	-	-	-	-	-	-	-	38,881
915: Injuries and Damages	13,425	-	-	-	-	-	-	-	-	-	-	-	-	13,425
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	53,734	-	-	-	-	-	-	-	-	-	-	-	-	53,734
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(138,027)	-	-	-	-	-	-	-	-	-	-	-	-	(138,027)
926: A&G Loads	496,531	-	-	-	-	-	-	-	-	-	-	-	-	496,531
928: AFUDC Debt	190,921	-	-	-	-	-	-	-	-	-	-	-	-	190,921
929: AFUDC Equity	631,753	-	-	-	-	-	-	-	-	-	-	-	-	631,753
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(17,876,039)	-	-	-	-	-	-	-	-	-	-	-	-	(17,876,039)
825: Closing Cost of Removal	(896,178)	-	-	-	-	-	-	-	-	-	-	-	-	(896,178)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	65009618 345kV Structure Replacement Phase 3													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	165,856	-	-	-	-	-	-	-	-	-	-	-	-	165,856
120: Overtime-General	8,030	-	-	-	-	-	-	-	-	-	-	-	-	8,030
350: Material Issues-Major	7,429,693	-	-	-	-	-	-	-	-	-	-	-	-	7,429,693
370: Outside Services	9,847,537	-	-	-	-	-	-	-	-	-	-	-	-	9,847,537
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	20,838	-	-	-	-	-	-	-	-	-	-	-	-	20,838
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,044	-	-	-	-	-	-	-	-	-	-	-	-	13,044
914: Pension and Benefits	38,881	-	-	-	-	-	-	-	-	-	-	-	-	38,881
915: Injuries and Damages	13,425	-	-	-	-	-	-	-	-	-	-	-	-	13,425
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	53,734	-	-	-	-	-	-	-	-	-	-	-	-	53,734
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	(138,027)	-	-	-	-	-	-	-	-	-	-	-	-	(138,027)
926: A&G Loads	496,531	-	-	-	-	-	-	-	-	-	-	-	-	496,531
928: AFUDC Debt	190,921	-	-	-	-	-	-	-	-	-	-	-	-	190,921
929: AFUDC Equity	631,753	-	-	-	-	-	-	-	-	-	-	-	-	631,753
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(17,876,039)	-	-	-	-	-	-	-	-	-	-	-	-	(17,876,039)
825: Closing Cost of Removal	(896,178)	-	-	-	-	-	-	-	-	-	-	-	-	(896,178)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 65009950 Los Lunas Capacity Expansion Phase4

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Valencia 100%

Estimated Start Date 10/1/2022

Estimated Completion Date 5/1/2026

Description

The Los Lunas Capacity Expansion Phase 4 Project is to construct a new 345kV/ 115kV substation named Hidden Mountain, and two new 115kV transmission lines from Rattlesnake to Hidden Mountain.

During final reviews PNM realized it had inadvertently underestimated the costs for 65009950-Los Lunas Capacity Expansion Phase4 during its forecasting process. To correct that, a tradeoff has been completed between 65009950-Los Lunas Capacity Expansion Phase4, 65009319 - Palomas Station-Transmission and another project delayed beyond the capital investment period. The financial data below reflects adjustments resulting from that tradeoff.

Project Need Justification

This project was developed as a result of planning studies that revealed needed capacity to serve the existing load and future load growth in the Village of Los Lunas.

Project Alternatives

The only alternative is the do nothing approach. This approach wasn't chosen because the load in the Valencia area has maxed out. This project allows the Village of Los Lunas to expand and have economic growth.

Project Estimate Approach

The estimate was developed using historical internal and external labor and material costs from previous projects built within the last year with a 10% contingency adder.

During final reviews PNM realized it had inadvertently underestimated the costs for 65009950-Los Lunas Capacity Expansion Phase4 during its forecasting process. To correct that, a tradeoff has been completed between 65009950-Los Lunas Capacity Expansion Phase4, 65009319 - Palomas Station-Transmission and another project delayed beyond the capital investment period. The financial data below reflects adjustments resulting from that tradeoff.

Customer Benefit

This project allows for future growth in the Village of Los Lunas and increase reliability within the Valencia area. This directly benefits current and future residential, commercial, and industrial customers.

Primary Value Driver System Performance

Safety

Reliability

System Performance This project provides substation capacity and facilitates the interconnection of renewable resources in the Village of Los Lunas, addressing the increased development of employment and residential uses.

Security

Compliance

Environmental

Project No:	65009950 Los Lunas Capacity Expansion Phase4							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	494	55,494	30,494	86,482
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	570,000	570,000
370: Outside Services	-	-	-	-	4,445	4,445	4,445	13,335
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	495,000	-	495,000
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	37	4,201	2,308	6,547
914: Pension and Benefits	-	-	-	-	106	11,942	6,562	18,611
915: Injuries and Damages	-	-	-	-	42	4,750	2,610	7,403
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	41,696	41,696
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	205	3,233	24,657	28,095
926: A&G Loads	-	-	-	-	196	21,976	23,956	46,127
928: AFUDC Debt	-	-	-	-	4	419	1,317	1,740
929: AFUDC Equity	-	-	-	-	9	1,006	3,160	4,176
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	5,538	602,466	711,205	1,319,210

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	86,482	74,872	74,872	74,872	74,872	74,872	74,872	74,872	102,821	102,821	102,821	102,821	102,821	1,124,688
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	570,000	-	1,355,719	1,355,719	1,355,719	1,355,719	1,355,719	1,355,719	1,355,719	1,355,719	1,355,719	1,355,719	2,355,719	17,482,909
370: Outside Services	13,335	2,349,981	2,349,982	2,349,982	2,349,981	2,349,982	2,349,982	2,349,981	2,349,982	2,349,982	2,349,981	2,349,982	1,981,356	27,844,484
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	495,000	-	-	-	-	-	-	-	-	-	-	-	-	495,000
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,547	5,638	5,638	5,638	5,638	5,638	5,638	5,638	7,742	7,742	7,742	7,742	7,742	84,724
914: Pension and Benefits	18,611	17,243	17,243	17,243	17,243	17,243	17,243	17,243	23,680	23,680	23,680	23,680	23,680	257,710
915: Injuries and Damages	7,403	7,450	7,450	7,450	7,450	7,450	7,450	7,450	10,231	10,231	10,231	10,231	10,231	110,704
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	41,696	-	98,913	98,913	98,913	98,913	98,913	171,873	98,913	98,913	98,913	98,913	171,873	1,275,661
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	28,095	86,301	154,087	154,087	154,087	154,087	154,087	204,087	156,050	156,050	156,050	156,050	187,619	1,900,734
926: A&G Loads	46,127	60,875	109,545	109,545	109,545	109,545	109,545	145,445	110,549	110,549	110,549	110,549	133,215	1,375,583
928: AFUDC Debt	1,740	4,652	10,158	17,310	24,496	31,718	38,974	47,460	56,031	63,492	70,989	78,523	86,875	532,419
929: AFUDC Equity	4,176	5,935	12,958	22,081	31,248	40,460	49,717	60,542	71,475	80,993	90,557	100,166	110,821	681,128
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,319,210	2,612,946	4,196,563	4,212,839	4,229,192	4,245,626	4,262,139	5,440,310	4,343,193	4,360,171	4,377,231	4,394,375	5,171,951	53,165,744

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,124,688	74,872	74,872	74,872	74,872	74,872	74,872	74,872	74,872	74,872	74,872	74,872	74,872	2,023,150
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	17,482,909	1,355,719	1,355,719	1,355,719	2,355,719	1,355,719	1,355,719	1,355,719	1,955,719	1,355,719	1,355,719	-	-	32,640,098
370: Outside Services	27,844,484	2,446,623	2,446,629	2,446,629	2,446,628	2,446,629	2,446,629	2,446,628	2,446,629	2,446,629	2,446,629	870,810	446,665	53,628,237
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	495,000	-	-	-	-	-	-	-	-	-	-	-	-	495,000
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	84,724	5,638	5,638	5,638	5,638	5,638	5,638	5,638	5,638	5,638	5,638	5,638	5,638	152,378
914: Pension and Benefits	257,710	17,243	17,243	17,243	17,243	17,243	17,243	17,243	17,243	17,243	17,243	17,243	17,243	464,626
915: Injuries and Damages	110,704	7,450	7,450	7,450	7,450	7,450	7,450	7,450	7,450	7,450	7,450	7,450	7,450	200,101
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,275,661	98,913	98,913	98,913	171,873	98,913	98,913	98,913	142,689	98,913	98,913	-	-	2,381,530
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,900,734	154,086	154,087	154,087	204,087	154,087	154,087	154,087	184,087	154,087	154,087	86,301	65,093	3,672,993
926: A&G Loads	1,375,583	132,736	132,736	132,736	176,236	132,736	132,736	132,736	158,836	132,736	132,736	73,762	55,312	2,901,616
928: AFUDC Debt	532,419	80,508	86,948	93,419	100,938	108,495	115,072	121,681	128,933	136,220	142,934	1,644	4,535	1,653,746
929: AFUDC Equity	681,128	139,556	150,719	161,936	174,971	188,070	199,471	210,928	223,498	236,131	247,768	2,849	7,862	2,624,887
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	#####	-	-	(97,687,946)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	(2,902,541)	-	-	(2,902,541)
Project Net	53,165,744	4,513,343	4,530,952	4,548,641	5,735,654	4,589,851	4,607,829	4,625,894	5,345,593	4,665,637	#####	1,140,568	684,669	2,247,875

Project No: 65028022 Powerclerk - Transmission

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 7/15/2021

Estimated Completion Date 9/1/2022

Description
This project is to create and implement an automated workflow software solution to manage PNM's Federal Energy Regulatory Commission (FERC) required Large Generator Interconnection Process (LGIP).

Project Need Justification
PNM provides generator interconnection services to its transmission system required under the FERC Open Access Transmission Tariff (OATT). The FERC OATT requirements established the application requirements and the mutual obligations of PNM for any eligible interconnection customer seeking generator interconnection. PNM is required, per FERC regulations, to provide generator interconnection service on a non-discriminatory basis to any eligible interconnection customer that meets the criteria outlined in PNM's OATT. This process is a highly manual process that could be somewhat automated to improve efficiency to potential interconnectors. Additionally, this project helps improve compliance to FERC timelines for the LGIP process.

Project Alternatives
PNM did not consider alternatives to using PowerClerk as PNM owns an enterprise license, which meant it would not be required to purchase licensing for another workflow solution. PNM sought bids from vendors to program the workflow in this system and selected the least cost option, which also happened to be the software vendor who clearly has expertise in the tool.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers will benefit from a more efficient LGIP process which will help ensure the energy transition and timely interconnection of renewable resources.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance The FERC LGIP process requires completion of this process within the established timeframes or risk penalties from non-compliance. This project supports the timeliness of the interconnection process.

Environmental

Project No:	65028022 Powerclerk - Transmission							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	4,816	-	-	-	-	-	-	4,816
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	72,525	-	-	-	-	-	-	72,525
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,618	226	227	231	-	-	-	2,301
610: Expenses - General	214	-	-	-	-	-	-	214
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	364	-	-	-	-	-	-	364
914: Pension and Benefits	1,061	-	-	-	-	-	-	1,061
915: Injuries and Damages	404	-	-	-	-	-	-	404
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	229	-	-	-	-	-	-	229
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	4,559	-	-	-	-	-	-	4,559
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(85,335)	-	-	-	(85,335)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	85,790	226	227	(85,104)	-	-	-	1,138

Project No:	65028022 Powerclerk - Transmission													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	4,816	-	-	-	-	-	-	-	-	-	-	-	-	4,816
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	72,525	-	-	-	-	-	-	-	-	-	-	-	-	72,525
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,301	-	-	-	-	-	-	-	-	-	-	-	-	2,301
610: Expenses - General	214	-	-	-	-	-	-	-	-	-	-	-	-	214
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	364	-	-	-	-	-	-	-	-	-	-	-	-	364
914: Pension and Benefits	1,061	-	-	-	-	-	-	-	-	-	-	-	-	1,061
915: Injuries and Damages	404	-	-	-	-	-	-	-	-	-	-	-	-	404
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	229	-	-	-	-	-	-	-	-	-	-	-	-	229
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,559	-	-	-	-	-	-	-	-	-	-	-	-	4,559
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(85,335)	-	-	-	-	-	-	-	-	-	-	-	-	(85,335)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,138	-	-	-	-	-	-	-	-	-	-	-	-	1,138

Project No:	65028022 Powerclerk - Transmission													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	4,816	-	-	-	-	-	-	-	-	-	-	-	-	4,816
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	72,525	-	-	-	-	-	-	-	-	-	-	-	-	72,525
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,301	-	-	-	-	-	-	-	-	-	-	-	-	2,301
610: Expenses - General	214	-	-	-	-	-	-	-	-	-	-	-	-	214
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	364	-	-	-	-	-	-	-	-	-	-	-	-	364
914: Pension and Benefits	1,061	-	-	-	-	-	-	-	-	-	-	-	-	1,061
915: Injuries and Damages	404	-	-	-	-	-	-	-	-	-	-	-	-	404
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	229	-	-	-	-	-	-	-	-	-	-	-	-	229
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,559	-	-	-	-	-	-	-	-	-	-	-	-	4,559
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(85,335)	-	-	-	-	-	-	-	-	-	-	-	-	(85,335)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,138	-	-	-	-	-	-	-	-	-	-	-	-	1,138

Project No: 65028122 Kinsmen Viewport Eng Doc Mgmt

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 11/1/2021

Estimated Completion Date 9/1/2022

Description
The scope of the project is to work with the developer Kinsmen Group, to implement Cadac Oranice, an engineering document control solution, based in MS SharePoint. In addition the scope includes transmission and distribution (T&D) deployment of Radial SG Viewport, an existing solution currently leveraged by generation to provide advanced analytical and viewing capability across PNM data sources. Also included in this scope is a CAD clean up solution that will rectify deviations from standard CAD templates received from vendors for past and current projects.

Project Need Justification
The solution will allow PNM to find existing and missing information by linking technical data using machine learning, and will connect to additional data sources such as ESRI, Maximo, and potentially PowerPlan to provide information synergies for all technical data. Kinsmen Group will be developing a set of solutions that deeply integrate with the CAD platform to automate different time-staking tasks to ensure quality CAD documents.

Project Alternatives
Multiple vendors and solutions have been evaluated over the past several years. These vendors include Kinsman/Cadac, OpenText, Blue Cielo, Document Locator as well as developing the solution in-house. The cloud-based solution Aconex was also evaluated. Kinsman/Cadac was selected as the best option due to their solutions integration with the SharePoint platform which eliminates the need for an additional document management system. Kinsman Group was selected to implement this solution because of their expertise in Engineering Document Management.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
This optimized data and document management will allow efficiencies and synergies. These improvements have downstream effects that enhance system reliability and service integrity, both of which directly benefit customers.

Primary Value Driver System Performance

Safety

Reliability

System Performance The software solution provided by Kinsmen/Cadac allows for better data management, record management, and document management. This solution allows for more data-driven decisions and actions which improves system performance.

Security

Compliance

Environmental

Project No:	65028122 Kinsmen Viewport Eng Doc Mgmt							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	14,388	-	-	-	-	-	-	14,388
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	1,479,674	-	-	-	-	-	-	1,479,674
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,920	-	-	-	-	-	-	7,920
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	26,206	4,280	-	-	-	-	-	30,486
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,089	-	-	-	-	-	-	1,089
914: Pension and Benefits	3,167	-	-	-	-	-	-	3,167
915: Injuries and Damages	1,232	-	-	-	-	-	-	1,232
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	4,686	-	-	-	-	-	-	4,686
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	87,449	-	-	-	-	-	-	87,449
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	(1,609,158)	-	-	-	-	-	(1,609,158)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	1,625,810	(1,604,878)	-	-	-	-	-	20,932

Project No:	65028122 Kinsmen Viewport Eng Doc Mgmt													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	14,388	-	-	-	-	-	-	-	-	-	-	-	-	14,388
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	1,479,674	-	-	-	-	-	-	-	-	-	-	-	-	1,479,674
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,920	-	-	-	-	-	-	-	-	-	-	-	-	7,920
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	30,486	-	-	-	-	-	-	-	-	-	-	-	-	30,486
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,089	-	-	-	-	-	-	-	-	-	-	-	-	1,089
914: Pension and Benefits	3,167	-	-	-	-	-	-	-	-	-	-	-	-	3,167
915: Injuries and Damages	1,232	-	-	-	-	-	-	-	-	-	-	-	-	1,232
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,686	-	-	-	-	-	-	-	-	-	-	-	-	4,686
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	87,449	-	-	-	-	-	-	-	-	-	-	-	-	87,449
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,609,158)	-	-	-	-	-	-	-	-	-	-	-	-	(1,609,158)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	20,932	-	-	-	-	-	-	-	-	-	-	-	-	20,932

Project No:	65028122 Kinsmen Viewport Eng Doc Mgmt													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	14,388	-	-	-	-	-	-	-	-	-	-	-	-	14,388
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	1,479,674	-	-	-	-	-	-	-	-	-	-	-	-	1,479,674
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,920	-	-	-	-	-	-	-	-	-	-	-	-	7,920
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	30,486	-	-	-	-	-	-	-	-	-	-	-	-	30,486
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,089	-	-	-	-	-	-	-	-	-	-	-	-	1,089
914: Pension and Benefits	3,167	-	-	-	-	-	-	-	-	-	-	-	-	3,167
915: Injuries and Damages	1,232	-	-	-	-	-	-	-	-	-	-	-	-	1,232
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,686	-	-	-	-	-	-	-	-	-	-	-	-	4,686
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	87,449	-	-	-	-	-	-	-	-	-	-	-	-	87,449
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,609,158)	-	-	-	-	-	-	-	-	-	-	-	-	(1,609,158)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	20,932	-	-	-	-	-	-	-	-	-	-	-	-	20,932

Project No: 65028221 PowerClerk Imp for Int Processes

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 6/1/2021

Estimated Completion Date 9/1/2022

Description
This project is to create and implement an automated workflow software solution to manage PNM's Federal Energy Regulatory Commission (FERC) required Small Generator Interconnection Process (SGIP).

Project Need Justification
PNM provides generator interconnection services to its transmission system required under the Federal Energy Regulation Commission (FERC) Open Access Transmission Tariff (OATT). The FERC OATT requirements established the application requirements and the mutual obligations of PNM for any eligible interconnection customer seeking generator interconnection. PNM is required, per FERC regulations, to provide generator interconnection service on a non-discriminatory basis to any eligible interconnection customer that meets the criteria outlined in PNM's OATT. This process is a highly manual process that could be somewhat automated to improve efficiency to potential interconnectors. Additionally, this project helps improve compliance to FERC timelines for the SGIP process.

Project Alternatives
PNM did not consider alternatives to using PowerClerk as PNM owns an enterprise license, which meant it would not be required to purchase licensing for another workflow solution. PNM sought bids from vendors to program the workflow in this system and selected the least cost option, which also happened to be the software vendor who clearly has expertise in the tool.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers will benefit from a more efficient SGIP process which will help ensure the energy transition and timely interconnection of renewable resources.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance The FERC SGIP process requires completion of this process within the established timeframes or risk penalties from non-compliance. This project supports the timeliness of the interconnection process.

Environmental

Project No:	65028221 PowerClerk Imp for Int Processes							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	69,950	-	-	-	-	-	-	69,950
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,786	200	201	-	-	-	-	2,188
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	220	-	-	-	-	-	-	220
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	4,197	-	-	-	-	-	-	4,197
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(75,517)	-	-	-	-	(75,517)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	76,153	200	(75,316)	-	-	-	-	1,037

Project No:	65028221 PowerClerk Imp for Int Processes													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	69,950	-	-	-	-	-	-	-	-	-	-	-	-	69,950
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,188	-	-	-	-	-	-	-	-	-	-	-	-	2,188
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	220	-	-	-	-	-	-	-	-	-	-	-	-	220
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,197	-	-	-	-	-	-	-	-	-	-	-	-	4,197
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(75,517)	-	-	-	-	-	-	-	-	-	-	-	-	(75,517)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,037	-	-	-	-	-	-	-	-	-	-	-	-	1,037

Project No:	65028221 PowerClerk Imp for Int Processes													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	69,950	-	-	-	-	-	-	-	-	-	-	-	-	69,950
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,188	-	-	-	-	-	-	-	-	-	-	-	-	2,188
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	220	-	-	-	-	-	-	-	-	-	-	-	-	220
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,197	-	-	-	-	-	-	-	-	-	-	-	-	4,197
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(75,517)	-	-	-	-	-	-	-	-	-	-	-	-	(75,517)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,037	-	-	-	-	-	-	-	-	-	-	-	-	1,037

Project No: 65028322 Kinsmen TD As-Built Record Mgmt

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 11/1/2021

Estimated Completion Date 12/31/2022

Description
The scope of the project is to work with the developer Kinsmen Group, to provide the management of As-Built records for the transmission and distribution (T&D) division, a solution currently deployed in generation. This project leverages MS Office 365 and Kinsmens Cadac Oranice product to provide a solution for PNM to collaborate with project partners efficiently and securely.

Project Need Justification
This solution will provide PNM with the ability to control and track important deliverables for a project, which will be very useful for PNM in its capital investments. PNM is starting a large-scale capital investment program across both T&D and Generation divisions, so this is a timely project.

Project Alternatives
Multiple vendors and solutions have been evaluated over the past several years. These vendors include Kinsman/Cadac, OpenText, Blue Cielo, Document Locator as well as developing the solution in-house. The cloud-based solution Aconex was also evaluated. Kinsman/Cadac was selected as the best option due to their solutions integration with the SharePoint platform which eliminates the need for an additional document management system. Kinsman Group was selected to implement this solution because of their expertise in Engineering Document Management.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
This record management will allow efficiencies and synergies. These improvements have downstream effects that enhance system reliability and service integrity, both of which directly benefit customers.

Primary Value Driver System Performance

Safety

Reliability

System Performance The software solution provided by Kinsmen/Cadac allows for better data management, record management, and document management. This solution allows for more data-driven decisions and actions which improves system performance.

Security

Compliance

Environmental

Project No:	65028322 Kinsmen TD As-Built Record Mgmt							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	10,000	5,000	5,000	-	-	-	20,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	621,102	86,738	47,588	47,588	-	-	-	803,016
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,210	-	-	-	-	-	-	4,210
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	11,570	1,918	2,142	2,331	2,425	2,449	2,488	25,323
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	757	379	379	-	-	-	1,514
914: Pension and Benefits	-	2,152	1,076	1,076	-	-	-	4,304
915: Injuries and Damages	-	856	428	428	-	-	-	1,712
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,972	-	-	-	-	-	-	1,972
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	37,433	3,831	2,082	2,082	-	-	-	45,429
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(898,299)	(898,299)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	676,287	106,252	58,695	58,884	2,425	2,449	(895,811)	9,181

Project No:	65028322 Kinsmen TD As-Built Record Mgmt													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	20,000	-	-	-	-	-	-	-	-	-	-	-	-	20,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	803,016	-	-	-	-	-	-	-	-	-	-	-	-	803,016
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,210	-	-	-	-	-	-	-	-	-	-	-	-	4,210
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	25,323	-	-	-	-	-	-	-	-	-	-	-	-	25,323
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,514	-	-	-	-	-	-	-	-	-	-	-	-	1,514
914: Pension and Benefits	4,304	-	-	-	-	-	-	-	-	-	-	-	-	4,304
915: Injuries and Damages	1,712	-	-	-	-	-	-	-	-	-	-	-	-	1,712
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,972	-	-	-	-	-	-	-	-	-	-	-	-	1,972
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	45,429	-	-	-	-	-	-	-	-	-	-	-	-	45,429
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(898,299)	-	-	-	-	-	-	-	-	-	-	-	-	(898,299)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	9,181	-	-	-	-	-	-	-	-	-	-	-	-	9,181

Project No:	65028322 Kinsmen TD As-Built Record Mgmt													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	20,000	-	-	-	-	-	-	-	-	-	-	-	-	20,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	803,016	-	-	-	-	-	-	-	-	-	-	-	-	803,016
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,210	-	-	-	-	-	-	-	-	-	-	-	-	4,210
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	25,323	-	-	-	-	-	-	-	-	-	-	-	-	25,323
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,514	-	-	-	-	-	-	-	-	-	-	-	-	1,514
914: Pension and Benefits	4,304	-	-	-	-	-	-	-	-	-	-	-	-	4,304
915: Injuries and Damages	1,712	-	-	-	-	-	-	-	-	-	-	-	-	1,712
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,972	-	-	-	-	-	-	-	-	-	-	-	-	1,972
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	45,429	-	-	-	-	-	-	-	-	-	-	-	-	45,429
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(898,299)	-	-	-	-	-	-	-	-	-	-	-	-	(898,299)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	9,181	-	-	-	-	-	-	-	-	-	-	-	-	9,181

Project No: 65028422 Kinsmen Mgmt Framework

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 11/1/2021

Estimated Completion Date 9/1/2022

Description County % Bernalillo 100%
The scope of the project is to work with the developer Kinsmen Group, to implement QMS Toolkit, an MS Office 365 based platform for the control and distribution of non-engineering compliance documentation. Transmission and distribution (T&D) and Generation are undergoing an effort to define a management framework for how these divisions operate technically.

Project Need Justification
This documentation will provide guides for engineering standards, the management of capital projects, how outages are planned, and many more. These documents also need to be frequently reviewed for accuracy and applicability. Across the two divisions, there will be several thousand critical documents. This project will provide the software and services to provide an easy-to-use system, find and manage these controlled documents that define PNM critical business practices.

Project Alternatives
Multiple vendors and solutions have been evaluated over the past several years. These vendors include Kinsman/Cadac, OpenText, Blue Cielo, Document Locator as well as developing the solution in-house. The cloud-based solution Aconex was also evaluated. Kinsman/Cadac was selected as the best option due to their solutions integration with the SharePoint platform which eliminates the need for an additional document management system. Kinsman Group was selected to implement this solution because of their expertise in Engineering Document Management.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
This record management will allow efficiencies and synergies. These improvements have downstream effects that enhance system reliability and service integrity, both of which directly benefit customers.

Primary Value Driver System Performance

Safety

Reliability

System Performance The software solution provided by Kinsmen/Cadac allows for better data management, record management, and document management. This solution allows for more data driven decisions and actions which improve system performance.

Security

Compliance

Environmental

Project No:	65028422 Kinsmen Mgmt Framework							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	441,655	-	-	-	-	-	-	441,655
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,469	-	-	-	-	-	-	4,469
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	7,260	1,264	1,269	1,291	-	-	-	11,084
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,401	-	-	-	-	-	-	1,401
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	24,964	-	-	-	-	-	-	24,964
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(477,688)	-	-	-	(477,688)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	479,749	1,264	1,269	(476,398)	-	-	-	5,884

Project No:	65028422 Kinsmen Mgmt Framework													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	441,655	-	-	-	-	-	-	-	-	-	-	-	-	441,655
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,469	-	-	-	-	-	-	-	-	-	-	-	-	4,469
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	11,084	-	-	-	-	-	-	-	-	-	-	-	-	11,084
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,401	-	-	-	-	-	-	-	-	-	-	-	-	1,401
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	24,964	-	-	-	-	-	-	-	-	-	-	-	-	24,964
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(477,688)	-	-	-	-	-	-	-	-	-	-	-	-	(477,688)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	5,884	-	-	-	-	-	-	-	-	-	-	-	-	5,884

Project No:	65028422 Kinsmen Mgmt Framework													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	441,655	-	-	-	-	-	-	-	-	-	-	-	-	441,655
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,469	-	-	-	-	-	-	-	-	-	-	-	-	4,469
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	11,084	-	-	-	-	-	-	-	-	-	-	-	-	11,084
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,401	-	-	-	-	-	-	-	-	-	-	-	-	1,401
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	24,964	-	-	-	-	-	-	-	-	-	-	-	-	24,964
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(477,688)	-	-	-	-	-	-	-	-	-	-	-	-	(477,688)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	5,884	-	-	-	-	-	-	-	-	-	-	-	-	5,884

Project No: 65028522 Kinsmen CIP Cyber Asset Management

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 11/1/2021

Estimated Completion Date 9/1/2022

Description
The purpose of this project is to automate the management of Bulk Electric System (BES) Cyber System Information (BCSI) related to Critical Infrastructure Protection (CIP) Cyber Assets. This project will replace an internally developed Microsoft Access Database with a modern Microsoft SharePoint 2019 secure platform. This solution keeps track of sensitive cyber asset elements as required under North American Electric Reliability Corporation Critical Infrastructure Protection (NERC-CIP) standards, including IP addresses, hostnames, firmware versions and station switch and port information. Due to the sensitivity of this information, access must be very limited and safely guarded.

Project Need Justification
The reason for this project is multitude, the current solution was developed internally by a single individual, which carries an element of risk. The second reason is that Microsoft Access is not a desirable solution due to the maintenance, upgrades and inherit risks associated with Microsoft Access. This project will transform the current Microsoft Access database and put governance rules around the management of information kept in this system. It will be based on Microsoft SharePoint, supported with simple workflow technology as needed. This solution will be interfaced with the Equipment Commissioning Automation solution adding another layer of internal controls for capturing and managing CIP Cyber Assets. Automating this critical process will not only improve user experience but more importantly establish a strong technical internal control for ensuring NERC (including CIP) related assets are properly identified and managed in accordance with applicable standards prior to project deadlines and energization.

Project Alternatives
The selected solution is based on current "industry best" technology and practices. The "do-nothing" alternative is to retain the existing Access database, which maintains increased risk to non-compliance due to sub-optimized cyber asset management.

Project Estimate Approach
The project was estimated based on the functionality and data in the current solution, with additional reporting and automation requirements discussed with the vendor and estimated data migration. In addition, internal labor was added based on estimated time required to consult with the vendor to ensure project scope and requirements align with the target outcome.

Customer Benefit
The purpose of NERC-CIP standards is to ensure the reliability and security of the Bulk Electric System. This project will mitigate many risks associated with non-compliance including major fines, loss of reliability and potential cyber threats. This project will incorporate technical controls and significantly improve the process, while allowing for future efficiencies and improvements.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security This solution includes automated workflows and reporting tools that facilitates firmware tracking and evaluations of critical BES devices for potential security threats.

Compliance The primary driver of this project is to implement technical controls for compliance with NERC-CIP regulated devices. This includes: CIP-003: To specify consistent and sustainable security management controls that establish responsibility and accountability to protect BES Cyber Systems against compromise that could lead to misoperation or instability in the Bulk Electric System (BES); CIP-007 Cyber Security - System Security Management: To manage system security by specifying select technical, operational, and procedural requirements in support of protecting BES Cyber Systems against compromise that could lead to misoperation or instability in the Bulk Electric System (BES); CIP-010 Cyber Security — Configuration Change Management and Vulnerability Assessments: To prevent and detect unauthorized changes to BES Cyber Systems by specifying configuration change management and vulnerability assessment requirements in support of protecting BES Cyber Systems from compromise that could lead to misoperation or instability in the Bulk Electric System (BES); CIP-011 Cyber Security - Information Protection: To prevent unauthorized access to BES Cyber System Information by specifying information protection requirements in support of protecting BES Cyber Systems against compromise that could lead to misoperation or instability in the Bulk Electric System (BES).

Environmental

Project No:	65028522 Kinsmen CIP Cyber Asset Management							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	11,882	-	-	-	-	-	-	11,882
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	293,329	-	-	-	-	-	-	293,329
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	4,436	874	878	893	-	-	-	7,081
610: Expenses - General	297	-	-	-	-	-	-	297
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	897	-	-	-	-	-	-	897
914: Pension and Benefits	2,619	-	-	-	-	-	-	2,619
915: Injuries and Damages	981	-	-	-	-	-	-	981
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	921	-	-	-	-	-	-	921
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	16,050	-	-	-	-	-	-	16,050
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(330,352)	-	-	-	(330,352)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	331,412	874	878	(329,459)	-	-	-	3,704

Project No:	65028522 Kinsmen CIP Cyber Asset Management													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	11,882	-	-	-	-	-	-	-	-	-	-	-	-	11,882
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	293,329	-	-	-	-	-	-	-	-	-	-	-	-	293,329
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	7,081	-	-	-	-	-	-	-	-	-	-	-	-	7,081
610: Expenses - General	297	-	-	-	-	-	-	-	-	-	-	-	-	297
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	897	-	-	-	-	-	-	-	-	-	-	-	-	897
914: Pension and Benefits	2,619	-	-	-	-	-	-	-	-	-	-	-	-	2,619
915: Injuries and Damages	981	-	-	-	-	-	-	-	-	-	-	-	-	981
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	921	-	-	-	-	-	-	-	-	-	-	-	-	921
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	16,050	-	-	-	-	-	-	-	-	-	-	-	-	16,050
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(330,352)	-	-	-	-	-	-	-	-	-	-	-	-	(330,352)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	3,704	-	-	-	-	-	-	-	-	-	-	-	-	3,704

Project No:	65028522 Kinsmen CIP Cyber Asset Management													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	11,882	-	-	-	-	-	-	-	-	-	-	-	-	11,882
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	293,329	-	-	-	-	-	-	-	-	-	-	-	-	293,329
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	7,081	-	-	-	-	-	-	-	-	-	-	-	-	7,081
610: Expenses - General	297	-	-	-	-	-	-	-	-	-	-	-	-	297
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	897	-	-	-	-	-	-	-	-	-	-	-	-	897
914: Pension and Benefits	2,619	-	-	-	-	-	-	-	-	-	-	-	-	2,619
915: Injuries and Damages	981	-	-	-	-	-	-	-	-	-	-	-	-	981
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	921	-	-	-	-	-	-	-	-	-	-	-	-	921
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	16,050	-	-	-	-	-	-	-	-	-	-	-	-	16,050
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(330,352)	-	-	-	-	-	-	-	-	-	-	-	-	(330,352)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	3,704	-	-	-	-	-	-	-	-	-	-	-	-	3,704

Project No: 65028622 Smartsheet Implementation

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 11/1/2021

Estimated Completion Date 12/31/2022

Description County % Bernalillo 100%
This project involves the purchase and implementation of Smartsheets, a project management software. This software has many tools that will increase the performance of PNM's project managers including the ability to develop schedules in Gantt format, which can be rolled-up to view all project schedules in a single overall department schedule; allocate resources; and incorporate financial data/information from other systems like Maximo and Power Plan to manage projects more efficiently.

Project Need Justification
As the project workload continues to increase, improved tools are needed to ensure project managers perform all necessary processes as efficiently and effectively as possible.

Project Alternatives
Alternatives considered were using software solutions within Maximo, SharePoint, MS Project, two other outside project management solutions, as well developing a solution in-house. After evaluation, it was determined that Smartsheets is a better fit for the desired functionality/requirements. Specifically, the need for the solution to be user friendly, capable of pulling information from Maximo and Power Plan, while also allowing multiple users access to the same document at the same time and allowing non-licensed users view capabilities.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
With a better organized project management team, projects can be run more efficiently. This benefits the customers by allowing more projects to be completed in a shorter amount of time and more efficiently.

Primary Value Driver System Performance

Safety

Reliability

System Performance The software allows for more efficient project management processes which will result in faster project completion which should enhance system performance.

Security

Compliance

Environmental

Project No:	65028622 Smartsheet Implementation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,185	-	-	-	-	-	-	2,185
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	35,599	-	-	-	-	-	-	35,599
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,291	110	110	112	113	114	-	1,850
610: Expenses - General	123	-	-	-	-	-	-	123
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	165	-	-	-	-	-	-	165
914: Pension and Benefits	481	-	-	-	-	-	-	481
915: Injuries and Damages	187	-	-	-	-	-	-	187
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	227	-	-	-	-	-	-	227
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	2,222	-	-	-	-	-	-	2,222
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	(41,749)	-	(41,749)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	42,481	110	110	112	113	(41,635)	-	1,291

Project No:	65028622 Smartsheet Implementation													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,185	-	-	-	-	-	-	-	-	-	-	-	-	2,185
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	35,599	-	-	-	-	-	-	-	-	-	-	-	-	35,599
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,850	-	-	-	-	-	-	-	-	-	-	-	-	1,850
610: Expenses - General	123	-	-	-	-	-	-	-	-	-	-	-	-	123
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	165	-	-	-	-	-	-	-	-	-	-	-	-	165
914: Pension and Benefits	481	-	-	-	-	-	-	-	-	-	-	-	-	481
915: Injuries and Damages	187	-	-	-	-	-	-	-	-	-	-	-	-	187
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	227	-	-	-	-	-	-	-	-	-	-	-	-	227
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	2,222	-	-	-	-	-	-	-	-	-	-	-	-	2,222
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(41,749)	-	-	-	-	-	-	-	-	-	-	-	-	(41,749)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,291	-	-	-	-	-	-	-	-	-	-	-	-	1,291

Project No:	65028622 Smartsheet Implementation													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,185	-	-	-	-	-	-	-	-	-	-	-	-	2,185
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	35,599	-	-	-	-	-	-	-	-	-	-	-	-	35,599
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,850	-	-	-	-	-	-	-	-	-	-	-	-	1,850
610: Expenses - General	123	-	-	-	-	-	-	-	-	-	-	-	-	123
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	165	-	-	-	-	-	-	-	-	-	-	-	-	165
914: Pension and Benefits	481	-	-	-	-	-	-	-	-	-	-	-	-	481
915: Injuries and Damages	187	-	-	-	-	-	-	-	-	-	-	-	-	187
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	227	-	-	-	-	-	-	-	-	-	-	-	-	227
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	2,222	-	-	-	-	-	-	-	-	-	-	-	-	2,222
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(41,749)	-	-	-	-	-	-	-	-	-	-	-	-	(41,749)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,291	-	-	-	-	-	-	-	-	-	-	-	-	1,291

Project No: 65030610 Communications Equipment-blanket

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 2/17/2010

Estimated Completion Date 12/31/2027

Description
The purpose of this project is to fund small ongoing communication station improvements as outlined in PNM Corporate Policy 226 Capitalization. Specifically, this project will provide discretionary capital funding for replacement of aging equipment, station improvements, or system betterments as outlined under the capitalization policy. This funding directly supports system reliability and safety of PNM personnel.

Project Need Justification
This funding project is needed to meet obligations to customers by providing safe and reliable equipment. Additionally, this project is necessary to meet safety requirements to PNM personnel and customers.

Project Alternatives
The only alternative is to not fund this blanket project. This alternative was not considered. Without funding, small substation enhancements would be grouped with larger funding projects. This grouping would delay necessary improvements and replacements of equipment that does not meet safety and regulatory requirements.

Project Estimate Approach
This funding project is used for emergent work that can be covered on capital improvements. Depending on the scope of work of the improvement, internal or external labor may be used. Cost estimates will be gathered by supporting vendors and then a determination will be made on materials and support on a project-by-project basis. Previous similar projects may be used as a template.

Customer Benefit
Customer benefit is derived through extending service life or replacing aging and functionally obsolete equipment and systems. This positively impacts system reliability by mitigating unplanned outages. This improvement to system reliability will benefit customers.

Primary Value Driver Reliability

Safety

Reliability
The blanket project will provide discretionary capital funding for replacement of aging equipment, station improvements, or system betterments as outlined under the capitalization policy. This project positively impacts system reliability by addressing aging and functionally obsolete equipment.

System Performance

Security

Compliance

Environmental

Project No:	65030610 Communications Equipment-blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	34,535	-	2,000	-	-	-	2,000	38,535
120: Overtime-General	10,319	-	-	-	-	-	-	10,319
350: Material Issues-Major	374,824	1,500	20,000	1,500	1,200	1,200	20,000	420,224
370: Outside Services	164,205	-	32,480	-	-	-	-	196,685
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	12,972	-	-	-	-	-	-	12,972
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,179	-	151	-	-	-	151	3,482
914: Pension and Benefits	10,807	-	430	-	-	-	430	11,667
915: Injuries and Damages	2,909	-	171	-	-	-	171	3,252
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,810	110	1,463	110	88	88	1,463	6,132
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	60	2,209	60	48	48	910	3,335
926: A&G Loads	35,987	59	2,157	59	48	48	871	39,229
928: AFUDC Debt	6,331	148	157	155	122	96	93	7,101
929: AFUDC Equity	12,027	354	377	372	292	230	222	13,873
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(563,290)	(24,494)	(32,606)	(25,614)	(20,126)	(15,881)	(78,698)	(760,708)
825: Closing Cost of Removal	(395)	(680)	(945)	(740)	(579)	(455)	(2,305)	(6,098)
Project Net	107,222	(22,943)	28,045	(24,098)	(18,908)	(14,627)	(54,690)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	38,535	-	-	-	-	2,000	-	-	-	2,000	-	-	2,000	44,535
120: Overtime-General	10,319	-	-	-	-	-	-	-	-	-	-	-	-	10,319
350: Material Issues-Major	420,224	1,000	1,000	1,000	20,000	1,000	1,000	1,500	20,000	1,500	1,200	1,200	20,000	490,624
370: Outside Services	196,685	-	-	-	-	-	-	-	37,000	-	-	-	-	233,685
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	12,972	-	-	-	-	-	-	-	-	-	-	-	-	12,972
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,482	-	-	-	-	151	-	-	151	-	-	-	151	3,934
914: Pension and Benefits	11,667	-	-	-	-	461	-	-	461	-	-	-	461	13,049
915: Injuries and Damages	3,252	-	-	-	-	199	-	-	199	-	-	-	199	3,849
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,132	73	73	73	1,459	73	73	109	1,459	109	88	88	1,459	11,268
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	3,335	50	50	50	1,141	50	50	75	2,991	75	60	60	1,141	9,127
926: A&G Loads	39,229	36	36	36	790	36	36	54	2,118	54	43	43	790	43,300
928: AFUDC Debt	7,101	1	3	4	31	46	38	32	95	128	102	81	91	7,753
929: AFUDC Equity	13,873	2	4	6	40	59	48	41	121	163	130	104	116	14,706
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(760,708)	(259)	(460)	(615)	(6,335)	(5,161)	(4,252)	(3,679)	(17,691)	(14,077)	(11,203)	(8,979)	(55,680)	(889,098)
825: Closing Cost of Removal	(6,098)	(8)	(14)	(19)	(195)	(158)	(130)	(112)	(544)	(431)	(342)	(273)	(1,699)	(10,023)
Project Net	(0)	894	692	535	19,741	(4,055)	(3,137)	(1,980)	48,358	(12,479)	(9,922)	(7,676)	(30,972)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	44,535	-	-	-	-	2,000	-	-	-	2,000	-	-	2,000	50,535
120: Overtime-General	10,319	-	-	-	-	-	-	-	-	-	-	-	-	10,319
350: Material Issues-Major	490,624	1,000	1,000	1,000	20,000	1,000	1,000	1,500	20,000	1,500	1,200	1,200	20,000	561,024
370: Outside Services	233,685	-	-	-	-	-	-	-	41,670	-	-	-	-	275,355
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	12,972	-	-	-	-	-	-	-	-	-	-	-	-	12,972
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,934	-	-	-	-	151	-	-	151	-	-	-	151	4,386
914: Pension and Benefits	13,049	-	-	-	-	461	-	-	461	-	-	-	461	14,431
915: Injuries and Damages	3,849	-	-	-	-	199	-	-	199	-	-	-	199	4,446
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	11,268	73	73	73	1,459	73	73	109	1,459	109	88	88	1,459	16,404
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	9,127	50	50	50	1,141	50	50	75	3,224	75	60	60	1,141	15,152
926: A&G Loads	43,300	44	44	44	957	44	44	65	2,770	65	52	52	957	48,436
928: AFUDC Debt	7,753	1	3	4	27	39	32	27	85	116	92	73	81	8,332
929: AFUDC Equity	14,706	2	4	7	46	68	56	47	147	200	159	127	140	15,710
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(889,098)	(261)	(463)	(619)	(6,376)	(5,194)	(4,280)	(3,703)	(18,953)	(15,057)	(11,964)	(9,570)	(57,836)	(1,023,375)
825: Closing Cost of Removal	(10,023)	(8)	(14)	(19)	(197)	(159)	(131)	(113)	(583)	(461)	(365)	(290)	(1,764)	(14,127)
Project Net	(0)	900	697	539	19,868	(4,080)	(3,156)	(1,992)	52,629	(13,453)	(10,678)	(8,261)	(33,013)	0

Project No: 65030820 Power Ops Main Building Renovations

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 9/1/2022

Description
This project is intended to provide multiple overdue upgrades to the main Power Operations building. Modernization efforts are expected to include lighting, cabinetry, heating, ventilation and air conditioning (HVAC), flooring, electrical/network cabling upgrades, new office workstations, restrooms, break areas, and new asphalt/stripping for parking areas. Architectural studies will be commissioned to determine requirements and make formal recommendations for improvements and management approval via the Capital Development Approval Process (CDAP).

Project Need Justification
Current facilities are over 25 years old and have reached the end of their useful lives. These enhancements are necessary because this is a 24/7, 365-day-a-year operation, therefore usage is higher than many other PNM facilities. These efforts are imperative for improving the work environment and functionalities of this facility for the expanded workforce starting in 2020.

Project Alternatives
Although alternatives may be available in some areas, most of this work is meant to improve working conditions for staff and visitors with updated and modernized furnishings, fixtures and equipment. All proposed work will be reviewed with key stakeholders and management to ensure that project scope addresses near- and long-term objectives for this critical operation.

Project Estimate Approach
Architectural studies will be commissioned to determine requirements and make formal recommendations for improvements. Factors considered include operational need, funding availability, and management approval via the Capital Development Approval Process (CDAP). Cost assumptions were made by the project manager based on projects with similar scope. The funding project authorization was written and submitted for approval. Afterward, a competitive bid process was used to select the best vendor based on costs, safety record, and other factors.

Customer Benefit
These enhancements will allow for improved functionality of key areas of the building to create a more positive and safe work environment for staff. Additionally, these enhancements will support employees who maintain critical transmission and distribution operations. Customers will benefit from PNM's ability to safely maintain system operating performance. Furthermore, these upgrades will improve the overall look and feel of the Power Operations Facility.

Primary Value Driver Safety

Safety Existing backup DOC facilities are limited to cubicles with minimal tools to provide situational awareness. Additionally, backup generation, fire protection systems, and equipment required to provide backup sources to the facility need upgrades and/or replacements.

Reliability Upgrading the facility will positively impact the ability of the control center to meet its obligations to operate the PNM system reliably and safely.

System Performance

Security These enhancements include modifications of existing Power Operations facilities which support PNM as the New Mexico Balancing Area Authority. Specifically, these enhancements will improve physical and cyber security for PNM.

Compliance

Environmental

Project No:	65030820 Power Ops Main Building Renovations							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	1,032,728	74,800	4,000	-	-	-	-	1,111,528
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,228	-	-	-	-	-	-	3,228
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	54,838	2,962	158	-	-	-	-	57,959
928: AFUDC Debt	7,831	1,379	1,442	-	-	-	-	10,652
929: AFUDC Equity	24,408	3,310	3,461	-	-	-	-	31,179
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(153,796)	-	(1,028,131)	-	-	-	-	(1,181,927)
825: Closing Cost of Removal	-	-	(32,620)	-	-	-	-	(32,620)
Project Net	969,238	82,452	(1,051,690)	-	-	-	-	(0)

Project No:	65030820 Power Ops Main Building Renovations													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	1,111,528	-	-	-	-	-	-	-	-	-	-	-	-	1,111,528
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,228	-	-	-	-	-	-	-	-	-	-	-	-	3,228
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	57,959	-	-	-	-	-	-	-	-	-	-	-	-	57,959
928: AFUDC Debt	10,652	-	-	-	-	-	-	-	-	-	-	-	-	10,652
929: AFUDC Equity	31,179	-	-	-	-	-	-	-	-	-	-	-	-	31,179
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,181,927)	-	-	-	-	-	-	-	-	-	-	-	-	(1,181,927)
825: Closing Cost of Removal	(32,620)	-	-	-	-	-	-	-	-	-	-	-	-	(32,620)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	65030820 Power Ops Main Building Renovations													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	1,111,528	-	-	-	-	-	-	-	-	-	-	-	-	1,111,528
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,228	-	-	-	-	-	-	-	-	-	-	-	-	3,228
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	57,959	-	-	-	-	-	-	-	-	-	-	-	-	57,959
928: AFUDC Debt	10,652	-	-	-	-	-	-	-	-	-	-	-	-	10,652
929: AFUDC Equity	31,179	-	-	-	-	-	-	-	-	-	-	-	-	31,179
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,181,927)	-	-	-	-	-	-	-	-	-	-	-	-	(1,181,927)
825: Closing Cost of Removal	(32,620)	-	-	-	-	-	-	-	-	-	-	-	-	(32,620)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 65030821 Power Ops Backup Ctr at Aztec-WFF

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 7/1/2021

Estimated Completion Date 4/30/2023

Description

The Power Operations Backup Control Center (BCC) has outgrown the current facility at the Electric Service Center and the decision has been made to move the facility to the Aztec Campus to be co-located with the PNM Emergency Operations Center (EOC). The operator desks for the BCC have expanded due to new desks required for the EIM function and the newly transferred generation operations function. The current physical space is too small to accommodate these additions. Also, the current outdoor shed for the BCC servers/datacenter is inadequate, and the temperature in the facility is poorly regulated. Construction of the BCC and EOC will provide a place where all delegates can work together and enhance their situational awareness and rapid response.

Project Need Justification

PNM, as a Balancing Authority and a Transmission Operator, is required by North American Electric Reliability Corporation (NERC) Emergency Preparedness and Operations (EOP) EOP-008-2 to maintain backup functionality that includes monitoring, control, logging, and alarming sufficient for maintaining compliance with all NERC Reliability Standards that are applicable to a Balancing Authority and Transmission Operator's primary control center functionality. Any planned outage of the backup functionality of more than two weeks would cause PNM to be non-compliant.

Project Alternatives

Alternatives were limited due to the expansion requirements mentioned above. The Aztec location provided a suitable alternative to the existing Service Center site since there was available space. Preliminary design discussions with project team and key stakeholders indicated a good fit.

Project Estimate Approach

A project management consulting firm was hired to help drive the process due to the many complex variables. Together with design engineers, architects and other internal/external subject matter experts (SMEs), a formal request for proposal (RFP) was developed and distributed to qualified general contractors. All processes were channeled through PNM's Sourcing department.

Customer Benefit

Customers will benefit from PNM's ability to safely maintain system operating performance while maintaining critical compliance requirements.

Primary Value Driver Reliability

Safety

Reliability Upgrading the BBC facility will positively impact the ability of the control center to meet its obligations to operate the PNM system reliably and safely.

System Performance

Security

Compliance NERC EOP-008-2 required PNM to maintain backup functionality that includes monitoring, control, logging, and alarming sufficient for maintaining compliance with all NERC Reliability Standards that are applicable to PNM's primary control center functionality. This move to the Aztec campus will support PNM's compliance with the regulation.

Environmental

Project No:	65030821 Power Ops Backup Ctr at Aztec-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	6,784	-	-	-	-	-	-	6,784
120: Overtime-General	168	-	-	-	-	-	-	168
350: Material Issues-Major	104,146	-	-	-	-	-	-	104,146
370: Outside Services	480,636	64,500	30,000	22,000	152,000	292,000	300,000	1,341,136
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	2,323	-	-	-	-	-	-	2,323
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	526	-	-	-	-	-	-	526
914: Pension and Benefits	1,530	-	-	-	-	-	-	1,530
915: Injuries and Damages	595	-	-	-	-	-	-	595
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,837	-	-	-	-	-	-	1,837
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	33,438	2,554	1,188	871	6,019	11,563	11,880	67,514
928: AFUDC Debt	5,115	968	1,040	1,082	1,211	1,533	1,961	12,909
929: AFUDC Equity	15,687	2,323	2,495	2,596	2,906	3,678	4,708	34,392
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(1,547,023)	(1,547,023)
825: Closing Cost of Removal	-	-	-	-	-	-	(26,837)	(26,837)
Project Net	652,786	70,344	34,723	26,549	162,136	308,774	(1,255,312)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	6,784	-	-	-	-	-	-	-	-	-	-	-	-	6,784
120: Overtime-General	168	-	-	-	-	-	-	-	-	-	-	-	-	168
350: Material Issues-Major	104,146	-	-	-	-	-	-	-	-	-	-	-	-	104,146
370: Outside Services	1,341,136	299,500	300,000	170,000	96,000	-	-	-	-	-	-	-	-	2,206,636
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,323	-	-	-	-	-	-	-	-	-	-	-	-	2,323
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	526	-	-	-	-	-	-	-	-	-	-	-	-	526
914: Pension and Benefits	1,530	-	-	-	-	-	-	-	-	-	-	-	-	1,530
915: Injuries and Damages	595	-	-	-	-	-	-	-	-	-	-	-	-	595
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,837	-	-	-	-	-	-	-	-	-	-	-	-	1,837
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	67,514	10,752	10,770	6,103	3,446	-	-	-	-	-	-	-	-	98,585
928: AFUDC Debt	12,909	320	962	1,468	1,760	-	-	-	-	-	-	-	-	17,418
929: AFUDC Equity	34,392	408	1,227	1,873	2,245	-	-	-	-	-	-	-	-	40,145
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,547,023)	-	-	-	(879,937)	-	-	-	-	-	-	-	-	(2,426,960)
825: Closing Cost of Removal	(26,837)	-	-	-	(26,897)	-	-	-	-	-	-	-	-	(53,734)
Project Net	0	310,980	312,959	179,445	(803,383)	-	-	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	6,784	-	-	-	-	-	-	-	-	-	-	-	-	6,784
120: Overtime-General	168	-	-	-	-	-	-	-	-	-	-	-	-	168
350: Material Issues-Major	104,146	-	-	-	-	-	-	-	-	-	-	-	-	104,146
370: Outside Services	2,206,636	-	-	-	-	-	-	-	-	-	-	-	-	2,206,636
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,323	-	-	-	-	-	-	-	-	-	-	-	-	2,323
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	526	-	-	-	-	-	-	-	-	-	-	-	-	526
914: Pension and Benefits	1,530	-	-	-	-	-	-	-	-	-	-	-	-	1,530
915: Injuries and Damages	595	-	-	-	-	-	-	-	-	-	-	-	-	595
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,837	-	-	-	-	-	-	-	-	-	-	-	-	1,837
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	98,585	-	-	-	-	-	-	-	-	-	-	-	-	98,585
928: AFUDC Debt	17,418	-	-	-	-	-	-	-	-	-	-	-	-	17,418
929: AFUDC Equity	40,145	-	-	-	-	-	-	-	-	-	-	-	-	40,145
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,426,960)	-	-	-	-	-	-	-	-	-	-	-	-	(2,426,960)
825: Closing Cost of Removal	(53,734)	-	-	-	-	-	-	-	-	-	-	-	-	(53,734)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 65031922 Gen Svcs Bldg Maint Blanket-Trans

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2027

Description
This project covers the allocated funds for the General Services organization to support various New Mexico Transmission Operations facility improvement initiatives. Projects may include items such as heating, ventilation, and air conditioning (HVAC) systems, pumps, compressors, interior/exterior remodels, office furnishings, general equipment replacements, and infrastructure improvements (i.e., roofs, etc.) to Transmission facilities as needs are identified. General Services and Building Maintenance personnel will coordinate efforts with New Mexico Operations personnel to prioritize and respond to requests.

Project Need Justification
This project is needed to repair and replace equipment in PNM's Transmission facilities. These repairs ensure a safe environment for PNM personnel and reduce the risk of catastrophic equipment failures that could impact the ability to use these spaces and require more costly repairs.

Project Alternatives
Individual project funding requirements are appropriately reviewed with internal/external subject matter experts as situations arise to determine best course of action for safe and economic problem resolution. Use of architectural and engineering professionals are often consulted to provide input and/or recommendations to help drive decisions for remediation and compliance.

Project Estimate Approach
Project costs were estimated based on similar work performed in the past. Individual pieces of equipment repaired/replaced as part of this project are evaluated by internal subject matter experts to determine how best to proceed with recommended solutions. This process will also help determine outside expertise (i.e., engineering and contractor support) for cost, safety and operational efficiencies.

Customer Benefit
This project provides General Services with the necessary funding to quickly and efficiently maintain PNM's facilities, where personnel provide an array of services to PNM's customer base.

Primary Value Driver Safety

Safety Constant repairs and improvements are required for facilities throughout PNM's service territory. Required improvements (if not appropriately addressed in a timely fashion) can result in further damage, leading to safety concerns for company personnel working in buildings where there is a potential safety hazard.

Reliability

System Performance

Security

Compliance OSHA and other local fire and building compliance factors may exist, depending on the nature of the hazard that has been identified during inspections. These situations occur throughout the year and are usually not known in advance.

Environmental

Project No:	65031922 Gen Svcs Bldg Maint Blanket-Trans							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	14,956	-	51,000	43,000	-	-	-	108,956
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	47	-	-	-	-	-	-	47
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	897	-	2,020	1,703	-	-	-	4,620
928: AFUDC Debt	42	22	36	103	135	135	136	609
929: AFUDC Equity	154	53	87	248	323	324	326	1,515
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	(15,611)	-	-	-	-	(96,645)	(112,255)
825: Closing Cost of Removal	-	(560)	-	-	-	-	(2,932)	(3,491)
Project Net	16,096	(16,096)	53,143	45,054	457	460	(99,114)	(0)

Project No:	65031922 Gen Svcs Bldg Maint Blanket-Trans													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	108,956	-	-	-	-	-	50,000	-	-	43,200	-	-	-	202,156
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	47	-	-	-	-	-	-	-	-	-	-	-	-	47
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,620	-	-	-	-	-	1,795	-	-	1,551	-	-	-	7,966
928: AFUDC Debt	609	-	-	-	-	-	53	107	108	154	201	202	203	1,638
929: AFUDC Equity	1,515	-	-	-	-	-	68	137	137	197	257	258	259	2,827
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(112,255)	-	-	-	-	-	-	-	-	-	-	-	(95,990)	(208,246)
825: Closing Cost of Removal	(3,491)	-	-	-	-	-	-	-	-	-	-	-	(2,896)	(6,388)
Project Net	(0)	-	-	-	-	-	51,917	244	245	45,102	458	460	(98,425)	-

Project No:	65031922 Gen Svcs Bldg Maint Blanket-Trans													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	202,156	-	-	-	-	-	50,000	-	-	42,600	-	-	-	294,756
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	47	-	-	-	-	-	-	-	-	-	-	-	-	47
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	7,966	-	-	-	-	-	2,175	-	-	1,853	-	-	-	11,994
928: AFUDC Debt	1,638	-	-	-	-	-	45	91	92	131	170	171	172	2,510
929: AFUDC Equity	2,827	-	-	-	-	-	79	158	159	227	295	296	298	4,339
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(208,246)	-	-	-	-	-	-	-	-	-	-	-	(96,113)	(304,359)
825: Closing Cost of Removal	(6,388)	-	-	-	-	-	-	-	-	-	-	-	(2,899)	(9,286)
Project Net	-	-	-	-	-	-	52,299	249	250	44,811	465	468	(98,542)	-

Project No: 65034010 Co2 Tools & Equipment

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 12/7/2009

Estimated Completion Date 11/30/2027

Description
The purpose of this project is to purchase new tools and equipment used in construction and maintenance by the Transmission Line Department. Specifically, these tools are used to read meters, voltages, etc.

Project Need Justification
The Transmission Line Department currently utilizes tools and equipment that are defective and broken. This equipment needs to be replaced to ensure PNM employees are working safely, efficiently, and effectively. Additionally, some equipment has become outdated and does not meet new regulations or requirements.

Project Alternatives
The only alternative to this project is the do-nothing approach. This alternative is not an option because the current equipment is not conducive to safe, efficient, and effective working conditions. Alternatives for tools and equipment will be evaluated on a case-by-base basis at the time of replacement.

Project Estimate Approach
Project estimate was based on the historical spend of tools and equipment that are required for safety and compliance on Transmission lines.

Customer Benefit
Having the proper tools and equipment needed to conduct transmission work will ensure that PNM employee's time and effort are safely and effectively utilized when responding to customer outages. Minimizing maintenance time reflects positively on system reliability, thereby benefiting customers.

Primary Value Driver Safety

Safety Having the proper tools and equipment needed to conduct work will ensure PNM employees are able to perform work safely and effectively.

Reliability Ensuring that the Transmission Line Department is adequately equipped with tools and equipment positively impacts system reliability. Current equipment has reached the end of its useful life, resulting in extended maintenance time. These enhancements will prioritize effective, efficient, and safe projects by the Transmission Line Department.

System Performance

Security

Compliance In some cases, these tools are required per North American Electric Reliability Corporation (NERC) regulations.

Environmental

Project No:	65034010 Co2 Tools & Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	48	-	-	-	-	-	-	48
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	889,415	-	-	21,000	22,609	-	-	933,024
370: Outside Services	27,222	-	-	-	-	-	-	27,222
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	12,067	11	11	43	34	-	-	12,167
610: Expenses - General	24,903	-	-	-	-	-	-	24,903
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3	-	-	-	-	-	-	3
914: Pension and Benefits	14	-	-	-	-	-	-	14
915: Injuries and Damages	4	-	-	-	-	-	-	4
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	5,590	-	-	1,536	1,654	-	-	8,780
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	840	904	-	-	1,744
926: A&G Loads	64,210	-	-	832	895	-	-	65,937
928: AFUDC Debt	196	-	-	-	-	-	-	196
929: AFUDC Equity	121	-	-	-	-	-	-	121
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,019,499)	-	-	(27,788)	(25,315)	-	-	(1,072,602)
825: Closing Cost of Removal	-	-	-	(726)	(782)	-	-	(1,508)
Project Net	4,294	11	11	(4,263)	(0)	-	-	53

Project No:	65034010 Co2 Tools & Equipment													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	48	-	-	-	-	-	-	-	-	-	-	-	-	48
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	933,024	-	-	22,000	-	-	22,000	-	-	22,000	22,000	-	-	1,021,024
370: Outside Services	27,222	-	-	-	-	-	-	-	-	-	-	-	-	27,222
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	12,167	-	-	35	-	-	36	-	-	38	38	-	-	12,315
610: Expenses - General	24,903	-	-	-	-	-	-	-	-	-	-	-	-	24,903
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3	-	-	-	-	-	-	-	-	-	-	-	-	3
914: Pension and Benefits	14	-	-	-	-	-	-	-	-	-	-	-	-	14
915: Injuries and Damages	4	-	-	-	-	-	-	-	-	-	-	-	-	4
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,780	-	-	1,605	-	-	1,605	-	-	1,605	1,605	-	-	15,200
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,744	-	-	1,100	-	-	1,100	-	-	1,100	1,100	-	-	6,144
926: A&G Loads	65,937	-	-	790	-	-	790	-	-	790	790	-	-	69,096
928: AFUDC Debt	196	-	-	-	-	-	-	-	-	-	-	-	-	196
929: AFUDC Equity	121	-	-	-	-	-	-	-	-	-	-	-	-	121
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,072,602)	-	-	(24,765)	-	-	(24,766)	-	-	(24,768)	(24,768)	-	-	(1,171,670)
825: Closing Cost of Removal	(1,508)	-	-	(765)	-	-	(765)	-	-	(765)	(765)	-	-	(4,568)
Project Net	53	-	-	(0)	-	-	(0)	-	-	(0)	(0)	-	-	53

Project No:	65034010 Co2 Tools & Equipment													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	48	-	-	-	-	-	-	-	-	-	-	-	-	48
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,021,024	-	-	23,000	-	-	23,000	-	-	23,000	22,403	-	-	1,112,427
370: Outside Services	27,222	-	-	-	-	-	-	-	-	-	-	-	-	27,222
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	12,315	-	-	45	-	-	45	-	-	45	44	-	-	12,494
610: Expenses - General	24,903	-	-	-	-	-	-	-	-	-	-	-	-	24,903
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3	-	-	-	-	-	-	-	-	-	-	-	-	3
914: Pension and Benefits	14	-	-	-	-	-	-	-	-	-	-	-	-	14
915: Injuries and Damages	4	-	-	-	-	-	-	-	-	-	-	-	-	4
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,200	-	-	1,678	-	-	1,678	-	-	1,678	1,635	-	-	21,869
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	6,144	-	-	1,150	-	-	1,150	-	-	1,150	1,120	-	-	10,715
926: A&G Loads	69,096	-	-	1,001	-	-	1,001	-	-	1,001	975	-	-	73,072
928: AFUDC Debt	196	-	-	-	-	-	-	-	-	-	-	-	-	196
929: AFUDC Equity	121	-	-	-	-	-	-	-	-	-	-	-	-	121
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,171,670)	-	-	(26,069)	-	-	(26,069)	-	-	(26,069)	(25,392)	-	-	(1,275,268)
825: Closing Cost of Removal	(4,568)	-	-	(805)	-	-	(805)	-	-	(805)	(784)	-	-	(7,766)
Project Net	53	-	-	-	-	-	(0)	-	-	0	0	-	-	53

Project No: 65034012 TECH SERVICE TRANSMISSION TOOLS

Company: 002 Transmission Services
Location: 650 Transmission General

Project Information

County % Total System 100%

Estimated Start Date 7/3/2012

Estimated Completion Date 11/30/2027

Description
The purpose of this project is to purchase new tools and equipment used in construction and maintenance by the Transmission Substation Department. Some of these tools include mechanical tools to work on Transmission lines and other substation components.

Project Need Justification
The Transmission Substation Department currently utilizes tools and equipment that are defective and broken. This equipment needs to be replaced to ensure PNM employees are working safely, efficiently, and effectively. Additionally, some equipment has become outdated and does not meet new regulations or requirements.

Project Alternatives
The only alternative to this project is the do-nothing approach. This alternative is not an option because current equipment is not conducive to safe, efficient, and effective working conditions. Alternatives for tools and equipment will be evaluated on a case-by-base basis at the time of replacement.

Project Estimate Approach
Project estimate was based on the historical spend of tools and equipment that are required for safety and compliance on Transmission Substation.

Customer Benefit
Having the proper tools and equipment needed to conduct transmission work will ensure that PNM employee's time and effort are safely and effectively utilized when responding to customer outages. Minimizing maintenance time reflects positively on system reliability, thereby benefiting customers.

Primary Value Driver Safety

Safety Having the proper tools and equipment needed to conduct work will ensure PNM employees are able to perform work safely and effectively.

Reliability Ensuring that the Transmission Substation Department is adequately equipped with tools and equipment positively impacts system reliability. Current equipment has reached the end of its useful life, resulting in extended maintenance time. These enhancements will prioritize effective, efficient, and safe projects by the Transmission Substation Department.

System Performance

Security

Compliance In some cases, up-to-date tools are required per North American Electric Reliability Corporation (NERC) regulations.

Environmental

Project No:	65034012 TECH SERVICE TRANSMISSION TOOLS							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	5,912	-	-	-	-	-	-	5,912
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,710,156	28,610	25,000	-	29,000	31,773	-	2,824,539
370: Outside Services	9,956	-	-	-	-	-	-	9,956
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	26,923	110	37	76	121	49	-	27,316
610: Expenses - General	2,680	-	-	-	-	-	-	2,680
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	451	-	-	-	-	-	-	451
914: Pension and Benefits	1,411	-	-	-	-	-	-	1,411
915: Injuries and Damages	405	-	-	-	-	-	-	405
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	16,964	2,093	1,829	-	2,121	2,324	-	25,331
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	(2,212)	1,144	1,000	-	1,160	1,271	-	2,364
926: A&G Loads	199,266	1,133	990	-	1,148	1,258	-	203,796
928: AFUDC Debt	350	-	-	-	-	-	-	350
929: AFUDC Equity	707	-	-	-	-	-	-	707
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,946,292)	(57,566)	-	-	(60,615)	(35,576)	-	(3,100,049)
825: Closing Cost of Removal	-	(989)	-	-	(1,867)	(1,099)	-	(3,956)
Project Net	26,677	(25,464)	28,856	76	(28,932)	(0)	-	1,213

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	5,912	-	-	-	-	-	-	-	-	-	-	-	-	5,912
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,824,539	-	29,000	29,000	-	-	29,000	29,350	-	-	33,000	31,238	-	3,005,127
370: Outside Services	9,956	-	-	-	-	-	-	-	-	-	-	-	-	9,956
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	27,316	-	45	46	-	-	48	49	-	-	57	55	-	27,617
610: Expenses - General	2,680	-	-	-	-	-	-	-	-	-	-	-	-	2,680
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	451	-	-	-	-	-	-	-	-	-	-	-	-	451
914: Pension and Benefits	1,411	-	-	-	-	-	-	-	-	-	-	-	-	1,411
915: Injuries and Damages	405	-	-	-	-	-	-	-	-	-	-	-	-	405
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	25,331	-	2,116	2,116	-	-	2,116	2,141	-	-	2,408	2,279	-	38,507
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,364	-	1,450	1,450	-	-	1,450	1,468	-	-	1,650	1,562	-	11,393
926: A&G Loads	203,796	-	1,041	1,041	-	-	1,041	1,054	-	-	1,185	1,121	-	210,279
928: AFUDC Debt	350	-	-	-	-	-	-	-	-	-	-	-	-	350
929: AFUDC Equity	707	-	-	-	-	-	-	-	-	-	-	-	-	707
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,100,049)	-	(32,644)	(32,645)	-	-	(32,646)	(33,041)	-	-	(37,153)	(35,169)	-	(3,303,348)
825: Closing Cost of Removal	(3,956)	-	(1,008)	(1,008)	-	-	(1,008)	(1,020)	-	-	(1,147)	(1,086)	-	(10,234)
Project Net	1,213	-	(0)	(0)	-	-	(0)	(0)	-	-	0	0	-	1,213

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	5,912	-	-	-	-	-	-	-	-	-	-	-	-	5,912
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	3,005,127	-	-	58,000	-	-	58,000	-	-	40,000	31,287	-	-	3,192,414
370: Outside Services	9,956	-	-	-	-	-	-	-	-	-	-	-	-	9,956
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	27,617	-	-	113	-	-	114	-	-	79	61	-	-	27,984
610: Expenses - General	2,680	-	-	-	-	-	-	-	-	-	-	-	-	2,680
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	451	-	-	-	-	-	-	-	-	-	-	-	-	451
914: Pension and Benefits	1,411	-	-	-	-	-	-	-	-	-	-	-	-	1,411
915: Injuries and Damages	405	-	-	-	-	-	-	-	-	-	-	-	-	405
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	38,507	-	-	4,232	-	-	4,232	-	-	2,918	2,283	-	-	52,171
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	11,393	-	-	2,900	-	-	2,900	-	-	2,000	1,564	-	-	20,758
926: A&G Loads	210,279	-	-	2,523	-	-	2,523	-	-	1,740	1,361	-	-	218,426
928: AFUDC Debt	350	-	-	-	-	-	-	-	-	-	-	-	-	350
929: AFUDC Equity	707	-	-	-	-	-	-	-	-	-	-	-	-	707
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,303,348)	-	-	(65,738)	-	-	(65,739)	-	-	(45,337)	(35,461)	-	-	(3,515,623)
825: Closing Cost of Removal	(10,234)	-	-	(2,030)	-	-	(2,030)	-	-	(1,400)	(1,095)	-	-	(16,788)
Project Net	1,213	-	-	0	-	-	0	-	-	-	-	-	-	1,213

Distribution Capital Projects

PNM Exhibit WG-5

Is contained in the following 407 pages.

PNM EXHIBIT WG-5 -PNM Distribution Capital Projects

Project costs & closings data based on PowerPlan forecasted dollars

Project information based on SharePoint supplemental data.

Click/tap a project number to view detailed information for that project

Press Ctrl+a to go to the first sheet. Press Ctrl+z to go to the last sheet

The following projects are forecasted to have less than >25,000 in absolute value in closings during July 2022-December 2024 and are excluded from documentation: 10001717-8th Street Circuit Rebuild=(16848), 10030819-AESC ADA Improvements=(14312), 30000507-Lighting=(1968), 30000707-Distr. System Improvements=(7988), 30001707-Las Vegas Pure Project=(13079), 60002519-Distribution Comm Improvement 2020=(15838), 60003118 Distr Cable Testing and Replace 201=(8426), 60003120-Distr Cable Testing and Replace 202=(19007), 60003420-ABQ Sunport Switch Replacement=(19381), 89901307-Cable Replacement=(3476), 90000707-Distr. System Improvements=(21180), 90000807-Services=(15291)

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Index	Project #/Sheet	Project Name	Net BegBal-Jul-22	Costs 7/22-12/24	Closings 7/22-12/24
1	01030022	PNM Mobile EOC	-	137,742	(137,742)
2	10000107	Line Extensions - Residential	605,951	1,842,984	(2,163,752)
3	10000207	Line Extensions - Commercial	2,209,606	7,010,673	(8,465,055)
4	10000507	Lighting	222,517	1,000,497	(1,093,951)
5	10000607	Distr. Remove & Replace	2,529,780	8,623,262	(10,146,529)
6	10000707	Distr. System Improvements	1,848,298	6,799,923	(7,790,295)
7	10000807	Services	3,423,496	14,894,687	(17,930,831)
8	10000907	Transformers	1,452,358	21,410,374	(21,374,143)
9	10001007	Meter Equipment	371,580	7,798,990	(7,832,002)
10	10001207	Pole Replacements	229,092	590,352	(560,839)
11	10001307	Cable Replacement	285,112	13,200	(284,401)
12	10001617	Voltage Cont Cap Upgrade to Two Way	66,485	318	(66,803)
13	10001621	Voltage Contr Cap Upgr-Phase II/III	-	779,199	(779,199)
14	10001640	PCI Upgrade/NTX Backup	161,746	1,557	(163,303)
15	10001707	Albuquerque Pure Project	2,365,324	7,716,699	(9,845,619)
16	10001720	Manhole Replacement	-	93,097	(93,097)
17	10001922	Overlook Distribution Rebuild	-	63,667	(63,667)
18	10002010	Four Hills 13 to Lawrence 14 Feeder	101,770	803,238	(905,008)
19	10002021	ABQ Southwest Substation	-	255,880	(255,880)
20	10002122	Ski Run Rebuild	-	10,055,278	(10,055,278)
21	10002221	Downtown Network System Upgrade-WFF	-	2,795,689	(2,247,103)
22	10002316	Bird Guard Reliability	550,675	1,734,707	(2,285,382)
23	10002321	Wildfire Mitigation-Distr-WFF	1,274,338	4,800,407	(6,074,746)
24	10002516	Pole Grounds Co01	152,745	374,364	(488,240)
25	10002521	State Pen Feeder 13	-	357,741	(357,741)
26	10003020	ELDO12 Feeder Rebuild	-	951,800	(951,800)
27	10003120	Substation Battery Upgrades - Co 1	-	71,481	(71,481)
28	10003521	LSCH12 Feeder Rebuild	-	8,738,500	(8,738,500)
29	10003621	SOCO12 Feeder Rebuild	-	10,953,142	(10,953,142)
30	10003721	BACA12 Feeder Rebuild	-	9,452,255	(9,452,255)
31	10003722	ELCE11 Feeder Rebuild	-	4,203,465	(4,203,465)
32	10005121	ELCE12 Feeder Rebuild	1,709,903	2,486,990	(4,196,892)
33	10005123	TEP Buildout 2022	-	2,051,885	(2,051,885)
34	10028021	Warehouse Computer Enhancement	122,738	49,223	(170,636)
35	10029822	Synergi Upgrade	-	133,176	(133,176)
36	10029921	Synergi Software Upgrade	131,218	74,943	(204,953)
37	10029923	TEP Buildout 2022	36,029	2,004,685	(2,040,672)
38	10030610	Communication and Equipment Blanket	16,735	64,595	(81,330)
39	10030619	ESC Security Project	29,178	-	(29,178)
40	10031922	Gen Svcs Bldg Maint Blanket-Distr	262,466	2,023,089	(2,285,556)
41	10034007	ABQ Metro 2010 Tools & Equipment	14	324,795	(324,657)
42	10034012	Tech Services Distribution Tools	9,784	263,725	(273,018)
43	14000107	Line Extensions - Residential	43,808	393,032	(376,172)
44	14000207	Line Extensions - Commercial	8,065	103,576	(100,021)
45	14000607	Distr. Remove & Replace	26,645	421,992	(354,456)
46	14000707	Distr. System Improvements	2,378	402,173	(311,361)
47	14001207	Pole Replacements	337,742	608,858	(624,555)
48	14001621	TJIE12 Feeder Rebuild	-	252,322	(252,322)
49	15002114	SNM Misc 69kv Line Improvements	0	223,519	(223,519)
50	15002316	Bird Guard Reliability Co34	187,103	688,685	(854,988)
51	15003019	Lordsburg Substation Improvements	2,303,392	33,107	(2,336,499)
52	15034011	WNM Engineering Tools and Equip	12,275	695,122	(707,177)
53	15100107	Line Extensions - Residential	87,915	102,154	(171,039)
54	15100207	Line Extensions - Commercial	216,978	560,993	(713,680)
55	15100507	Lighting	24,282	429,256	(398,342)
56	15100607	Distr. Remove & Replace	185,761	884,894	(994,094)
57	15100707	Distr. System Improvements	184,177	608,484	(648,252)
58	15100807	Services	186,031	565,683	(646,588)
59	15100907	Transformers	79,895	1,117,242	(1,135,924)

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60	15101007	Meter Equipment	24,610	340,609	(341,210)
61	15101807	Alamogordo Pure Project	171,161	1,169,194	(1,305,354)
62	15102019	Tularosa 13 Ph Load Bal-Voltage Reg	109,496	3,192	(112,688)
63	15130521	Alamogordo Fleet Facility	126,124	5,556,209	(5,682,332)
64	15130621	Alamogordo Gym Addition	84,964	156,557	(241,521)
65	15200107	Line Extensions - Residential	78,805	107,861	(169,756)
66	15200207	Line Extensions - Commercial	6,467	112,669	(106,411)
67	15200507	Lighting	119,179	182,102	(276,957)
68	15200607	Distr. Remove & Replace	41,240	521,328	(444,148)
69	15200707	Distr. System Improvements	243,337	1,398,777	(1,313,135)
70	15200807	Services	41,323	485,451	(437,506)
71	15200907	Transformers	40,246	625,520	(631,485)
72	15201007	Meter Equipment	11,199	217,849	(213,692)
73	15201621	GA0000 Feeder Rebuild	-	120,383	(120,383)
74	15201707	Ruidoso Pure Project	105,399	712,089	(796,181)
75	15230521	Ruidoso Metal Building	43,530	805,302	(848,832)
76	15230621	Ruidoso Service Upgrade	65,394	599	(65,994)
77	15500107	Line Extensions - Residential	424,947	380,971	(745,598)
78	15500207	Line Extensions - Commercial	99,499	305,282	(370,246)
79	15500507	Lighting	0	57,380	(50,023)
80	15500607	Distr. Remove & Replace	857,627	788,270	(1,449,528)
81	15500707	Distr. System Improvements	125,919	1,385,020	(1,360,397)
82	15500807	Services	279,577	626,659	(788,977)
83	15500907	Transformers	48,828	676,909	(688,638)
84	15501007	Meter Equipment	11,023	401,134	(383,882)
85	15501619	Perrin Substation	-	2,953,836	(2,616,641)
86	15501707	Silver City Pure Project	411,268	1,149,852	(1,524,729)
87	15502041	Tyrone Substation Upgrade-WFF	-	59,525	(59,525)
88	15502042	Tyrone 517 Voltage Imp Proj-WFF	-	85,889	(85,889)
89	15530621	Silver City Metal Building	44,195	804,116	(848,311)
90	20000107	Line Extensions - Residential	(5,790)	63,572	(47,898)
91	20000207	Line Extensions - Commercial	28,094	114,744	(129,855)
92	20000607	Distr. Remove & Replace	265,396	427,865	(591,169)
93	20000707	Distr. System Improvements	160,200	1,006,943	(752,336)
94	20000807	Services	57,221	516,658	(478,514)
95	20001707	Deming Pure Project	54,122	321,131	(365,082)
96	20002121	Hondale 12 Rebuild	1,146,174	1,032,310	(2,178,483)
97	30000107	Line Extensions - Residential	23,698	69,314	(82,271)
98	30000207	Line Extensions - Commercial	6,151	38,419	(40,241)
99	30000607	Distr. Remove & Replace	23,696	206,887	(183,409)
100	30000807	Services	67,946	306,620	(317,665)
101	41000107	Line Extensions - Residential	242,626	1,323,212	(1,376,394)
102	41000207	Line Extensions - Commercial	261,332	1,356,692	(1,471,740)
103	41000507	Lighting	2,576	31,294	(31,477)
104	41000607	Distr. Remove & Replace	90,866	2,224,221	(2,138,529)
105	41000707	Distr. System Improvements	1,328,278	2,114,737	(2,930,785)
106	41000807	Services	609,316	3,638,341	(4,135,942)
107	41001207	Pole Replacements	49,965	53,907	(72,043)
108	41001615	Camel Tracks 12 to State Pen 12 FT	-	446,648	(446,648)
109	41001621	Distribution Looping in SF-WFF	4,720,216	130,203	(4,850,419)
110	41001622	Caja Del Rio 13 Backbone Upgrade	-	3,366,093	(3,366,093)
111	41001707	Santa Fe Pure Project	163,602	943,788	(1,103,056)
112	41001720	Santa Fe Streetlight Conversion	98,538	261,756	(360,295)
113	41001721	FOMA13 Feeder Rebuild	-	5,614,915	(5,614,915)
114	41001820	SF Switchgear Replacements 20-24	182,240	1,207,973	(1,390,213)
115	41001822	SF Switchgear Replacements 2022	-	579,014	(579,014)
116	41002015	Caja del Rio 11 to Beckner 12 FT	-	1,696,344	(1,696,344)
117	41002215	Mejia 14 to Santa Fe Estates Line Ext	72,464	530,314	(602,778)
118	41002316	Bird Guard Reliability	78,477	259,766	(336,852)
119	41002516	Pole Grounds	2,699	35,434	(37,937)
120	41005221	COL13 Feeder Rebuild	-	756,139	(756,139)
121	41030621	Santa Fe Gate/Fencing Upgrades	-	257,327	(257,327)
122	41030622	Santa Fe Backup Generators	37,488	751,513	(789,001)
123	41034007	Tools & Equipment	0	424,270	(424,185)
124	50000107	Line Extensions - Residential	91,980	656,873	(647,215)
125	50000207	Line Extensions - Commercial	407,079	385,382	(748,882)
126	50000507	Lighting	2,830	27,973	(28,425)
127	50000607	Distr. Remove & Replace	232,274	2,158,576	(2,151,596)
128	50000707	Distr. System Improvements	254,745	195,168	(400,588)
129	50001207	Pole Replacements	0	243,200	(135,451)

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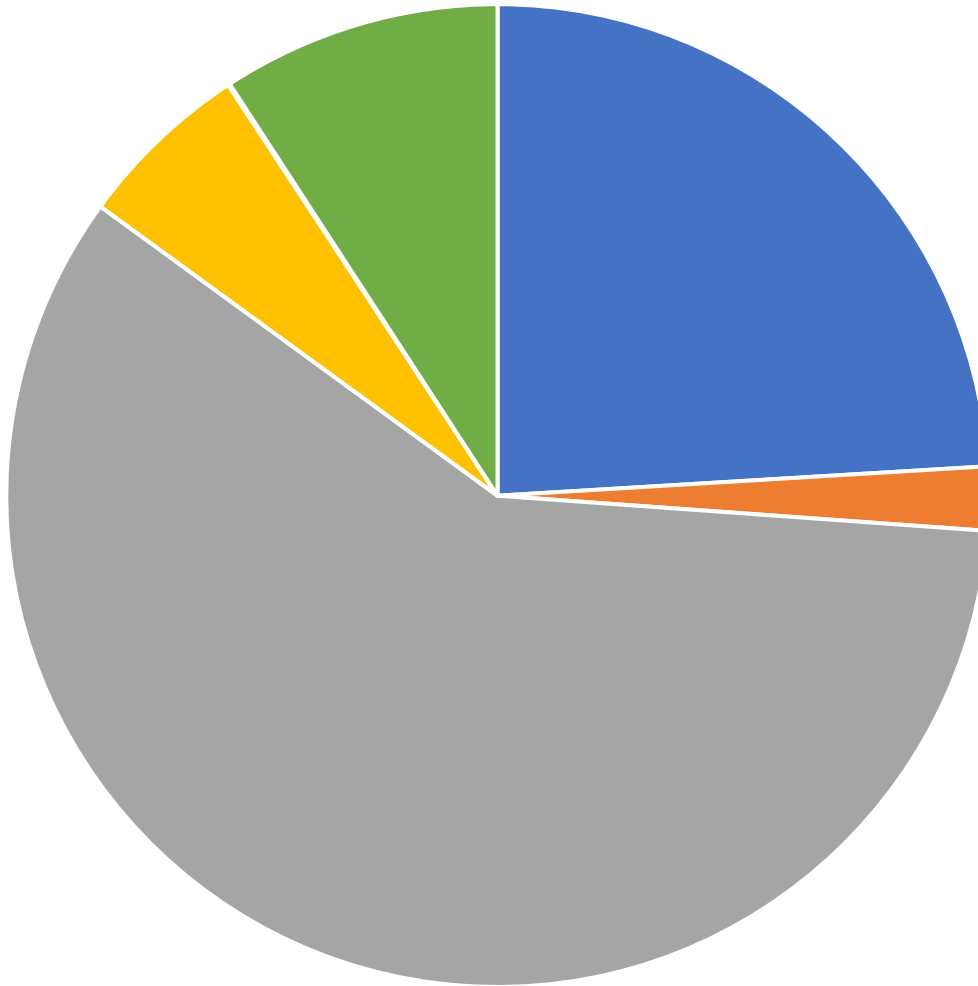
130	50002020	Los Morros 14 Feeder Tie	-	608,610	(608,610)
131	60001617	Avian Improvements	0	75,532	(53,682)
132	60001619	SCADAMATE Switches (PADMOUNTED)	-	2,570,005	(2,570,005)
133	60001620	Pajarito Station Service	139,059	4	(139,063)
134	60001622	Baca Mobile Substation Installation	138,013	669,941	(807,953)
135	60001713	SF Switchgear Replacements	97,574	787	(98,361)
136	60001718	Streetlight LED Conversion	32,228	248	(32,476)
137	60001719	SCADAMATE Switches (OVERHEAD)	62,753	1,819,767	(1,882,520)
138	60001720	SCADAMATE Switches (Ovd Pgm)-WFF	222,797	2,153	(224,951)
139	60001721	Single Phase URD Replacement-WFF	5,185,856	72,560	(5,258,269)
140	60001722	Wyoming Substation	247,776	3,748,835	(3,996,611)
141	60001813	Plateau Fiber Project Co 001	82,809	797	(83,606)
142	60001822	Hawkins Substation	247,665	7,195,276	(7,442,941)
143	60002010	Misc. Station Improvements Blanket	0	899,098	(899,098)
144	60002019	Circuit Switcher Rpl/Upgrade Distr	228,721	162	(228,883)
145	60002020	Pole Replacement Program Dist	659,364	6	(659,370)
146	60002043	Pole Replacement Distr-WFF	3,892,055	2,468,681	(6,360,736)
147	60002110	Misc 46kv Line	558,391	278,662	(837,053)
148	60002317	Emergency and Aging Equip Distr	-	1,317,861	(1,317,861)
149	60002342	Replace 17 MVA Mobile Transf-WFF	3,663,179	280,956	(3,944,135)
150	60002343	Livefront Transformer Rpl-WFF	502,140	7,206	(509,346)
151	60002420	Distr Switchgear Break Replacements	107,033	1,718,144	(1,825,177)
152	60002442	Not in Service Conductors-WFF	1,484,415	656,584	(2,140,999)
153	60002521	Prosperity Substation	2,009,216	12,495,278	(8,756,743)
154	60002619	Sagebrush Station-Distribution	4,266,065	16,315,317	(20,581,381)
155	60002622	ELCE12 Feeder Laterals Rebuild	-	549,567	(549,567)
156	60002714	Pachmann Substation-Distribution	4,707,583	6,654,190	(11,361,773)
157	60002720	Distr System Rpl Wire to Insulated	-	747,341	(747,341)
158	60002721	Switchgear Rpl Vermin Damage	87,704	1,256,097	(1,220,867)
159	60002741	Recloser Replacements	63,319	846,387	(908,981)
160	60002742	Switchgear Rpl Vermin Damage-WFF	285,934	75,814	(361,749)
161	60002743	Recloser Replacements-WFF	387,974	544,327	(932,301)
162	60002912	St Cecilia Station Co1	12,737	2,234,914	(2,247,651)
163	60002920	Outage Contingency Plan Impr-WFF	348,916	10,172	(359,088)
164	60003119	Distr Cable Testing - Replace 2019	20,136	1,391	(43,152)
165	60003421	Underground Cable-WFF	2,743,561	14,234,325	(16,551,115)
166	60003520	Relay Distribution IA	(0)	132,883	(132,883)
167	60003620	Van Buren Substation Metering	42,059	175,431	(217,489)
168	60003621	Distr Comm Improvement 2021-2025	56,956	239,907	(296,864)
169	60003623	Aspen Substation	-	8,367,630	(8,367,630)
170	60004023	FOMA13 Feeder Backbone Rebuild OH	-	4,484,583	(4,484,583)
171	60004223	GAOOO Feeder Laterals Rebuild	-	390,444	(390,444)
172	60004321	Claremont Substation	247,526	2,856,832	(3,104,001)
173	60004522	Leyendecker Substation	247,526	6,742,706	(6,990,233)
174	60004723	LSCH12 Feeder Laterals Rebuild	-	458,448	(458,448)
175	60005119	Person Trans Replacement Dist	26,680	996,706	(1,023,386)
176	60005219	Manzanita	7,548,583	20,671,264	(28,219,847)
177	60005321	Dist Relay Replacement 2021-2024	1,500,142	7,663,826	(9,163,968)
178	60005421	Intel Expansion - Distribution	-	19,086,170	(19,086,170)
179	60005522	33.6MVA Pwr Xfmr Critical Sp 2024	-	23,794,836	(23,794,836)
180	60005722	Sky Ranch 1 - Distribution	-	14,984,764	(14,984,764)
181	60005821	Project Charli - Distribution	2,145,986	289,523	(2,435,510)
182	60005822	Menaul Substation	247,526	6,970,094	(7,217,621)
183	60005910	Substation Equipment Replacements B	790,007	2,636,899	(3,349,973)
184	60028020	ITRON FSC Upgrade	1,170,784	22,215	(1,178,447)
185	60028021	POWR Mobile Enhancements	59,612	475	(59,318)
186	60030017	17-21 Specialty Equip & Vehicle Co1	141,522	1,236,206	(1,375,628)
187	60030022	Spec Equip and Vehicles Co1	-	1,722,817	(1,722,817)
188	60030322	EV Charging Infrastructure-Co1	-	6,936,808	(6,936,808)
189	60032020	Fleet Tool Blanket	0	145,316	(144,636)
190	60034022	Fleet Tool Blanket	6,696	50,795	(57,484)
191	89900107	Line Extensions - Residential	95,171	1,499,321	(1,363,338)
192	89900207	Line Extensions - Commercial	111,578	642,957	(686,451)
193	89900507	Lighting	3,809	39,887	(40,344)
194	89900607	Distr. Remove & Replace	928,407	2,492,656	(3,276,282)
195	89900707	Distr. System Improvements	428,470	2,226,190	(2,131,893)
196	89901207	Pole Replacements	(0)	111,398	(61,115)
197	89901715	Westside Blvd Feeder Tie	-	1,219,807	(1,219,807)
198	90000207	Line Extensions - Commercial	6,611	52,849	(53,454)
199	90000607	Distr. Remove & Replace	3,385	51,248	(43,023)

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	Totals	86,721,248	429,609,427	(497,212,278)
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Distribution Capital Projects Primary Driver Distribution

■ Compliance ■ Environmental ■ Reliability ■ Safety ■ Security ■ System Performance



Primary Driver	Project #	Project Name	Closings 7/22-12/24
Compliance	10000107	Line Extensions - Residential	(2,163,752)
Compliance	10000207	Line Extensions - Commercial	(8,465,055)
Compliance	10000507	Lighting	(1,093,951)
Compliance	10000607	Distr. Remove & Replace	(10,146,529)
Compliance	10000807	Services	(17,930,831)
Compliance	10000907	Transformers	(21,374,143)
Compliance	10001007	Meter Equipment	(7,832,002)
Compliance	10005123	TEP Buildout 2022	(2,051,885)
Compliance	10029923	TEP Buildout 2022	(2,040,672)
Compliance	14000107	Line Extensions - Residential	(376,172)
Compliance	14000207	Line Extensions - Commercial	(100,021)
Compliance	14000607	Distr. Remove & Replace	(354,456)
Compliance	15100107	Line Extensions - Residential	(171,039)
Compliance	15100207	Line Extensions - Commercial	(713,680)
Compliance	15100507	Lighting	(398,342)
Compliance	15100607	Distr. Remove & Replace	(994,094)
Compliance	15100807	Services	(646,588)

Primary Driver	Project #	Project Name	Closings 7/22-12/24
Compliance	15100907	Transformers	(1,135,924)
Compliance	15101007	Meter Equipment	(341,210)
Compliance	15200107	Line Extensions - Residential	(169,756)
Compliance	15200207	Line Extensions - Commercial	(106,411)
Compliance	15200507	Lighting	(276,957)
Compliance	15200607	Distr. Remove & Replace	(444,148)
Compliance	15200807	Services	(437,506)
Compliance	15200907	Transformers	(631,485)
Compliance	15201007	Meter Equipment	(213,692)
Compliance	15500107	Line Extensions - Residential	(745,598)
Compliance	15500207	Line Extensions - Commercial	(370,246)
Compliance	15500507	Lighting	(50,023)
Compliance	15500607	Distr. Remove & Replace	(1,449,528)
Compliance	15500807	Services	(788,977)
Compliance	15500907	Transformers	(688,638)
Compliance	15501007	Meter Equipment	(383,882)
Compliance	20000107	Line Extensions - Residential	(47,898)
Compliance	20000207	Line Extensions - Commercial	(129,855)
Compliance	20000607	Distr. Remove & Replace	(591,169)
Compliance	20000807	Services	(478,514)
Compliance	30000107	Line Extensions - Residential	(82,271)
Compliance	30000207	Line Extensions - Commercial	(40,241)
Compliance	30000607	Distr. Remove & Replace	(183,409)
Compliance	30000807	Services	(317,665)
Compliance	41000107	Line Extensions - Residential	(1,376,394)
Compliance	41000207	Line Extensions - Commercial	(1,471,740)
Compliance	41000507	Lighting	(31,477)
Compliance	41000607	Distr. Remove & Replace	(2,138,529)
Compliance	41000807	Services	(4,135,942)
Compliance	41001720	Santa Fe Streetlight Conversion	(360,295)
Compliance	50000107	Line Extensions - Residential	(647,215)
Compliance	50000207	Line Extensions - Commercial	(748,882)
Compliance	50000507	Lighting	(28,425)
Compliance	50000607	Distr. Remove & Replace	(2,151,596)
Compliance	60001718	Streetlight LED Conversion	(32,476)
Compliance	60001721	Single Phase URD Replacement-WFF	(5,258,269)
Compliance	60002521	Prosperity Substation	(8,756,743)
Compliance	89900107	Line Extensions - Residential	(1,363,338)
Compliance	89900207	Line Extensions - Commercial	(686,451)
Compliance	89900507	Lighting	(40,344)
Compliance	89900607	Distr. Remove & Replace	(3,276,282)
Compliance	90000207	Line Extensions - Commercial	(53,454)
Compliance	90000607	Distr. Remove & Replace	(43,023)
Environmental	10002316	Bird Guard Reliability	(2,285,382)
Environmental	15002316	Bird Guard Reliability Co34	(854,988)
Environmental	41002316	Bird Guard Reliability	(336,852)
Environmental	60001617	Avian Improvements	(53,682)
Environmental	60030322	EV Charging Infrastructure-Co1	(6,936,808)
Reliability	10000707	Distr. System Improvements	(7,790,295)
Reliability	10001307	Cable Replacement	(284,401)
Reliability	10001617	Voltage Cont Cap Upgrade to Two Way	(66,803)
Reliability	10001640	PCI Upgrade/NTX Backup	(163,303)
Reliability	10001707	Albuquerque Pure Project	(9,845,619)
Reliability	10001922	Overlook Distribution Rebuild	(63,667)

Primary Driver	Project #	Project Name	Closings 7/22-12/24
Reliability	10002010	Four Hills 13 to Lawrence 14 Feeder	(905,008)
Reliability	10002021	ABQ Southwest Substation	(255,880)
Reliability	10002122	Ski Run Rebuild	(10,055,278)
Reliability	10002221	Downtown Network System Upgrade-W	(2,247,103)
Reliability	10003020	ELDO12 Feeder Rebuild	(951,800)
Reliability	10003521	LSCH12 Feeder Rebuild	(8,738,500)
Reliability	10003621	SOCO12 Feeder Rebuild	(10,953,142)
Reliability	10003721	BACA12 Feeder Rebuild	(9,452,255)
Reliability	10003722	ELCE11 Feeder Rebuild	(4,203,465)
Reliability	10005121	ELCE12 Feeder Rebuild	(4,196,892)
Reliability	10028021	Warehouse Computer Enhancement	(170,636)
Reliability	10030610	Communication and Equipment Blanket	(81,330)
Reliability	14000707	Distr. System Improvements	(311,361)
Reliability	14001621	TIJE12 Feeder Rebuild	(252,322)
Reliability	15002114	SNM Misc 69kv Line Improvements	(223,519)
Reliability	15003019	Lordsburg Substation Improvements	(2,336,499)
Reliability	15100707	Distr. System Improvements	(648,252)
Reliability	15101807	Alamogordo Pure Project	(1,305,354)
Reliability	15102019	Tularosa 13 Ph Load Bal-Voltage Reg	(112,688)
Reliability	15130521	Alamogordo Fleet Facility	(5,682,332)
Reliability	15200707	Distr. System Improvements	(1,313,135)
Reliability	15201621	GA0000 Feeder Rebuild	(120,383)
Reliability	15201707	Ruidoso Pure Project	(796,181)
Reliability	15500707	Distr. System Improvements	(1,360,397)
Reliability	15501619	Perrin Substation	(2,616,641)
Reliability	15501707	Silver City Pure Project	(1,524,729)
Reliability	15530621	Silver City Metal Building	(848,311)
Reliability	20000707	Distr. System Improvements	(752,336)
Reliability	20001707	Deming Pure Project	(365,082)
Reliability	20002121	Hondale 12 Rebuild	(2,178,483)
Reliability	41000707	Distr. System Improvements	(2,930,785)
Reliability	41001615	Camel Tracks 12 to State Pen 12 FT	(446,648)
Reliability	41001621	Distribution Looping in SF-WFF	(4,850,419)
Reliability	41001707	Santa Fe Pure Project	(1,103,056)
Reliability	41001721	FOMA13 Feeder Rebuild	(5,614,915)
Reliability	41002015	Caja del Rio 11 to Beckner 12 FT	(1,696,344)
Reliability	41002215	Mejia 14 to Santa Fe Estates Line Ext	(602,778)
Reliability	41005221	COLI13 Feeder Rebuild	(756,139)
Reliability	50000707	Distr. System Improvements	(400,588)
Reliability	50002020	Los Morros 14 Feeder Tie	(608,610)
Reliability	60001619	SCADAMATE Switches (PADMOUNTED)	(2,570,005)
Reliability	60001620	Pajarito Station Service	(139,063)
Reliability	60001622	Baca Mobile Substation Installation	(807,953)
Reliability	60001719	SCADAMATE Switches (OVERHEAD)	(1,882,520)
Reliability	60001720	SCADAMATE Switches (Ovd Pgm)-WFF	(224,951)
Reliability	60001722	Wyoming Substation	(3,996,611)
Reliability	60001822	Hawkins Substation	(7,442,941)
Reliability	60002010	Misc. Station Improvements Blanket	(899,098)
Reliability	60002043	Pole Replacement Distr-WFF	(6,360,736)
Reliability	60002110	Misc 46kv Line	(837,053)
Reliability	60002619	Sagebrush Station-Distribution	(20,581,381)
Reliability	60002622	ELCE12 Feeder Laterals Rebuild	(549,567)
Reliability	60002714	Pachmann Substation-Distribution	(11,361,773)
Reliability	60002741	Recloser Replacements	(908,981)

Primary Driver	Project #	Project Name	Closings 7/22-12/24
Reliability	60002743	Recloser Replacements-WFF	(932,301)
Reliability	60002912	St Cecilia Station Co1	(2,247,651)
Reliability	60002920	Outage Contingency Plan Impr-WFF	(359,088)
Reliability	60003119	Distr Cable Testing - Replace 2019	(43,152)
Reliability	60003421	Underground Cable-WFF	(16,551,115)
Reliability	60003520	Relay Distribution IA	(132,883)
Reliability	60003620	Van Buren Substation Metering	(217,489)
Reliability	60003621	Distr Comm Improvement 2021-2025	(296,864)
Reliability	60003623	Aspen Substation	(8,367,630)
Reliability	60004023	FOMA13 Feeder Backbone Rebuild OH	(4,484,583)
Reliability	60004223	GAOOO Feeder Laterals Rebuild	(390,444)
Reliability	60004321	Claremont Substation	(3,104,001)
Reliability	60004522	Leyendecker Substation	(6,990,233)
Reliability	60004723	LSCH12 Feeder Laterals Rebuild	(458,448)
Reliability	60005119	Person Trans Replacement Dist	(1,023,386)
Reliability	60005219	Manzanita	(28,219,847)
Reliability	60005321	Dist Relay Replacement 2021-2024	(9,163,968)
Reliability	60005522	33.6MVA Pwr Xfmr Critical Sp 2024	(23,794,836)
Reliability	60005822	Menaul Substation	(7,217,621)
Reliability	60005910	Substation Equipment Replacements B	(3,349,973)
Reliability	60028020	ITRON FSC Upgrade	(1,178,447)
Reliability	60028021	POWR Mobile Enhancements	(59,318)
Reliability	89900707	Distr. System Improvements	(2,131,893)
Reliability	89901715	Westside Blvd Feeder Tie	(1,219,807)
Safety	01030022	PNM Mobile EOC	(137,742)
Safety	10001207	Pole Replacements	(560,839)
Safety	10001720	Manhole Replacement	(93,097)
Safety	10002321	Wildfire Mitigation-Distr-WFF	(6,074,746)
Safety	10002516	Pole Grounds Co01	(488,240)
Safety	10031922	Gen Svcs Bldg Maint Blanket-Distr	(2,285,556)
Safety	10034007	ABQ Metro 2010 Tools & Equipment	(324,657)
Safety	10034012	Tech Services Distribution Tools	(273,018)
Safety	14001207	Pole Replacements	(624,555)
Safety	15034011	WNM Engineering Tools and Equip	(707,177)
Safety	15130621	Alamogordo Gym Addition	(241,521)
Safety	15230521	Ruidoso Metal Building	(848,832)
Safety	15230621	Ruidoso Service Upgrade	(65,994)
Safety	15502041	Tyrone Substation Upgrade-WFF	(59,525)
Safety	41001207	Pole Replacements	(72,043)
Safety	41001820	SF Switchgear Replacements 20-24	(1,390,213)
Safety	41001822	SF Switchgear Replacements 2022	(579,014)
Safety	41002516	Pole Grounds	(37,937)
Safety	41030622	Santa Fe Backup Generators	(789,001)
Safety	41034007	Tools & Equipment	(424,185)
Safety	50001207	Pole Replacements	(135,451)
Safety	60001713	SF Switchgear Replacements	(98,361)
Safety	60001813	Plateau Fiber Project Co 001	(83,606)
Safety	60002020	Pole Replacement Program Dist	(659,370)
Safety	60002317	Emergency and Aging Equip Distr	(1,317,861)
Safety	60002343	Livefront Transformer Repl-WFF	(509,346)
Safety	60002420	Distr Switchgear Break Replacements	(1,825,177)
Safety	60002442	Not in Service Conductors-WFF	(2,140,999)
Safety	60002720	Distr System Rpl Wire to Insulated	(747,341)
Safety	60002721	Switchgear Rpl Vermin Damage	(1,220,867)

Primary Driver	Project #	Project Name	Closings 7/22-12/24
Safety	60002742	Switchgear Rpl Vermin Damage-WFF	(361,749)
Safety	60030017	17-21 Specialty Equip & Vehicle Co1	(1,375,628)
Safety	60030022	Spec Equip and Vehicles Co1	(1,722,817)
Safety	60032020	Fleet Tool Blanket	(144,636)
Safety	60034022	Fleet Tool Blanket	(57,484)
Safety	89901207	Pole Replacements	(61,115)
Security	10030619	ESC Security Project	(29,178)
Security	41030621	Santa Fe Gate/Fencing Upgrades	(257,327)
System Performance	10001621	Voltage Contr Cap Upgr-Phase II/III	(779,199)
System Performance	10002521	State Pen Feeder 13	(357,741)
System Performance	10003120	Substation Battery Upgrades - Co 1	(71,481)
System Performance	10029822	Synergi Upgrade	(133,176)
System Performance	10029921	Synergi Software Upgrade	(204,953)
System Performance	15502042	Tyrone 517 Voltage Imp Proj-WFF	(85,889)
System Performance	41001622	Caja Del Rio 13 Backbone Upgrade	(3,366,093)
System Performance	60002019	Circuit Switcher Repl/Upgrade Distr	(228,883)
System Performance	60002342	Replace 17 MVA Mobile Transf-WFF	(3,944,135)
System Performance	60005421	Intel Expansion - Distribution	(19,086,170)
System Performance	60005722	Sky Ranch 1 - Distribution	(14,984,764)
System Performance	60005821	Project Charli - Distribution	(2,435,510)
Grand Total			(497,212,278)

Driver	Percentage	Amount
Compliance	24.05%	(119,559,092)
Environmental	2.11%	(10,467,712)
Reliability	58.86%	(292,681,281)
Safety	5.74%	(28,539,696)
Security	0.06%	(286,505)
System Performance	9.19%	(45,677,992)
	<u>100.00%</u>	<u>(497,212,278)</u>

Project No: 01030022 PNM Mobile EOC

Company: 001 Electric Services
Location: 010 Electric Services-General

Project Information

County % Bernalillo 100%

Estimated Start Date 6/20/2022

Estimated Completion Date 12/31/2022

Description

This project involves the procurement of a mobile emergency operations center (EOC) trailer that would be deployed to incidents including, but not limited to natural disasters, cyber-attacks, terrorism, and other unplanned emergency events that disrupt the grid. The trailer will be equipped with mobile radios, Wi-Fi, computers, and satellite communications. These communication components will enable PNM's Crisis Management Team to effectively communicate from a field location back to the PNM main Emergency Operations Center (EOC) centrally located in Albuquerque, NM. The trailer will allow for effective coordination and communication with first responders at the incident site and internal stakeholders to rapidly mitigate and restore power to our customers and service areas impacted. The trailer will be parked near the main EOC facility and ready for deployment when required. The mobile EOC will also have the capability to serve as a contained platform to deploy unmanned aircraft systems (i.e., drones) for use at active incidents. This capability provides real-time photography and video of damaged power lines or equipment in support of the recovery and restoration operations.

Project Need Justification

Mobile EOCs are considered standard equipment for emergency management agencies to enable responses that are faster and more coordinated with other agencies and officials. As soon as an incident is identified, the mobile EOC can be deployed to the incident site and ensure there are direct communications with PNM Emergency Operations Center (located at the Aztec campus in Albuquerque) ensure real-time information is being shared which will to foster better decision-making. The mobile EOC will vastly improve PNM's Crisis Management Team to deploy to the site of an incident and coordinate efforts with local, state, tribal, and federal emergency management teams, first responders, law enforcement, and military personnel and engage in cross-training (exercise) opportunities to prepare for real-world crisis events posing threat to the grid. Better coordinated decision-making and emergency management functions will speed up restoration operations from natural or manmade disasters, benefiting our customers in the service area.

Project Alternatives

The two alternatives are do nothing or use a tent. The do-nothing option would reduce the capabilities available to PNM when responding to an incident and was therefore not considered. The second option would be to purchase and use a tent for emergency response. Unfortunately a tent would be more time consuming to deploy as it would require several individuals to put up, particularly in challenging environments/weather. Furthermore, a tent does not provide suitable housing and protection from the elements for communication devices and other equipment needed when responding to incidents.

Project Estimate Approach

Not required for projects with less than \$250,000 of expenditures.

Customer Benefit

The functionality/capability of the mobile EOC will make it possible for PNM to respond to incidents more quickly. This will result in the faster identification and resolution of the issues that impact the grid – so customers should see a reduced outage period and increased reliability.

Primary Value Driver Safety

Safety This asset will improve coordination, restoration, recovery, and public safety impacts to customers when PNM experiences power interruptions from manmade or natural disasters. I will also improve coordination and communication efforts with supporting agencies during incidents to minimize the risk to the public and employees, and makes it possible to better coordinate restoration efforts.

Reliability

System Performance

Security This project will enable PNM's Crisis Management Team to more rapidly respond to incidents in accordance with company incident response plans. An on-site presence allows for direct coordination of mutual assistance resources from responding agencies (if needed) at the incident site or area of impact to more rapidly identify and respond to potential security threats.

Compliance If an incident is cyber security related, a mobile EOC supports North American Electric Reliability Corporation Critical Infrastructure Protection (NERC-CIP) 008 R2 Cyber Security Incident Response Plan (CSIRP). More specifically, the trailer can be used as a base for additional cyber security staff in their efforts to collect evidence and perform other analysis required by the aforementioned rule when reporting a cyber security breaches.

Environmental

Project No:	01030022 PNM Mobile EOC							EndBal-22
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
110: Straight Time-General	-	6,000	6,000	6,000	6,000	6,000	6,000	36,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	83,000	83,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	10	30	51	71	93	220	475
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	454	454	454	454	454	454	2,725
914: Pension and Benefits	-	1,291	1,291	1,291	1,291	1,291	1,291	7,747
915: Injuries and Damages	-	514	514	514	514	514	514	3,082
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	238	238	238	238	238	3,524	4,712
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(121,270)	(121,270)
825: Closing Cost of Removal	-	-	-	-	-	-	(16,472)	(16,472)
Project Net	-	8,507	8,527	8,547	8,568	8,589	(42,738)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
	110: Straight Time-General	36,000	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	83,000	-	-	-	-	-	-	-	-	-	-	-	-	83,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	475	-	-	-	-	-	-	-	-	-	-	-	-	475
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,725	-	-	-	-	-	-	-	-	-	-	-	-	2,725
914: Pension and Benefits	7,747	-	-	-	-	-	-	-	-	-	-	-	-	7,747
915: Injuries and Damages	3,082	-	-	-	-	-	-	-	-	-	-	-	-	3,082
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,712	-	-	-	-	-	-	-	-	-	-	-	-	4,712
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(121,270)	-	-	-	-	-	-	-	-	-	-	-	-	(121,270)
825: Closing Cost of Removal	(16,472)	-	-	-	-	-	-	-	-	-	-	-	-	(16,472)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
	110: Straight Time-General	36,000	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	83,000	-	-	-	-	-	-	-	-	-	-	-	-	83,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	475	-	-	-	-	-	-	-	-	-	-	-	-	475
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,725	-	-	-	-	-	-	-	-	-	-	-	-	2,725
914: Pension and Benefits	7,747	-	-	-	-	-	-	-	-	-	-	-	-	7,747
915: Injuries and Damages	3,082	-	-	-	-	-	-	-	-	-	-	-	-	3,082
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,712	-	-	-	-	-	-	-	-	-	-	-	-	4,712
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(121,270)	-	-	-	-	-	-	-	-	-	-	-	-	(121,270)
825: Closing Cost of Removal	(16,472)	-	-	-	-	-	-	-	-	-	-	-	-	(16,472)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10000107 Line Extensions - Residential

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service or to upgrade existing services. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new or existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new or existing home.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	10000107 Line Extensions - Residential							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,891,088	6,586	4,904	5,398	2,718	10,349	9,289	1,930,333
120: Overtime-General	54,095	3	2	3	1	5	5	54,115
350: Material Issues-Major	2,785,379	12,041	8,966	9,869	4,970	18,919	16,983	2,857,127
370: Outside Services	4,553,711	50,539	37,633	41,423	20,858	79,409	71,281	4,854,855
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	102,802	-	-	-	-	-	-	102,802
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3,031,552	-	-	-	-	-	-	3,031,552
805: Land and Land Rights	125	-	-	-	-	-	-	125
807: Non Refundable Contrib	(5,727,110)	(31,901)	(23,754)	(26,146)	(13,166)	(50,124)	(44,993)	(5,917,194)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	143,316	499	371	409	206	784	704	146,288
914: Pension and Benefits	529,450	1,418	1,056	1,162	585	2,228	2,000	537,900
915: Injuries and Damages	139,558	564	420	462	233	886	796	142,919
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	258,025	3,229	2,404	2,646	1,333	5,073	4,554	277,264
922: Minor Material Load	202,060	-	-	-	-	-	-	202,060
925: E&S Loads	1,507,188	8,956	6,669	7,341	3,696	14,073	12,632	1,560,555
926: A&G Loads	611,192	2,739	2,040	2,245	1,130	4,304	3,863	627,513
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(9,214,740)	(98,115)	(86,903)	(78,359)	(67,829)	(69,227)	(68,981)	(9,684,154)
825: Closing Cost of Removal	(261,740)	(20,797)	(17,933)	(15,673)	(13,339)	(12,794)	(12,157)	(354,433)
Project Net	605,951	(64,238)	(64,124)	(49,220)	(58,603)	3,885	(4,024)	369,627

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,930,333	14,228	6,343	5,378	10,402	6,573	8,709	6,751	5,027	5,533	2,786	10,607	9,522	2,022,192
120: Overtime-General	54,115	7	3	3	5	3	4	3	3	3	1	5	5	54,161
350: Material Issues-Major	2,857,127	25,757	11,483	9,735	18,831	11,900	15,767	12,222	9,101	10,017	5,044	19,203	17,238	3,023,424
370: Outside Services	4,854,855	108,111	48,198	40,862	79,040	49,946	66,177	51,297	38,197	42,044	21,171	80,600	72,351	5,552,848
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	102,802	-	-	-	-	-	-	-	-	-	-	-	-	102,802
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,031,552	-	-	-	-	-	-	-	-	-	-	-	-	3,031,552
805: Land and Land Rights	125	-	-	-	-	-	-	-	-	-	-	-	-	125
807: Non Refundable Contrib	(5,917,194)	(68,240)	(30,423)	(25,792)	(49,891)	(31,526)	(41,771)	(32,379)	(24,111)	(26,539)	(13,363)	(50,876)	(45,668)	(6,357,773)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	146,288	1,072	478	405	784	495	656	509	379	417	210	799	717	153,209
914: Pension and Benefits	537,900	3,278	1,462	1,239	2,397	1,515	2,007	1,556	1,158	1,275	642	2,444	2,194	559,066
915: Injuries and Damages	142,919	1,416	631	535	1,036	654	867	672	500	551	277	1,056	948	152,063
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	277,264	7,301	3,255	2,760	5,338	3,373	4,469	3,464	2,580	2,839	1,430	5,443	4,886	324,403
922: Minor Material Load	202,060	-	-	-	-	-	-	-	-	-	-	-	-	202,060
925: E&S Loads	1,560,555	17,695	7,889	6,688	12,937	8,175	10,831	8,396	6,252	6,882	3,465	13,192	11,842	1,674,799
926: A&G Loads	627,513	5,317	2,370	2,010	3,887	2,456	3,255	2,523	1,879	2,068	1,041	3,964	3,558	661,841
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,684,154)	(74,930)	(69,630)	(64,038)	(65,938)	(62,554)	(62,536)	(59,993)	(55,683)	(52,803)	(46,895)	(52,146)	(55,050)	(10,406,349)
825: Closing Cost of Removal	(354,433)	(12,473)	(11,344)	(10,249)	(10,235)	(9,550)	(9,364)	(8,866)	(8,155)	(7,661)	(6,773)	(7,421)	(7,761)	(464,285)
Project Net	369,627	28,540	(29,285)	(30,465)	8,593	(18,539)	(929)	(13,847)	(22,874)	(15,374)	(30,962)	26,873	14,781	286,139

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,022,192	14,584	6,502	5,512	10,662	6,737	8,927	6,920	5,153	5,672	2,856	10,873	9,760	2,116,347
120: Overtime-General	54,161	7	3	3	5	3	5	3	3	3	1	5	5	54,209
350: Material Issues-Major	3,023,424	26,144	11,655	9,881	19,114	12,078	16,003	12,405	9,237	10,167	5,120	19,491	17,496	3,192,216
370: Outside Services	5,552,848	109,732	48,920	41,475	80,225	50,695	67,169	52,067	38,770	42,675	21,489	81,809	73,436	6,261,310
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	102,802	-	-	-	-	-	-	-	-	-	-	-	-	102,802
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,031,552	-	-	-	-	-	-	-	-	-	-	-	-	3,031,552
805: Land and Land Rights	125	-	-	-	-	-	-	-	-	-	-	-	-	125
807: Non Refundable Contrib	(6,357,773)	(69,264)	(30,879)	(26,179)	(50,639)	(31,999)	(42,398)	(32,865)	(24,472)	(26,937)	(13,564)	(51,639)	(46,353)	(6,804,960)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	153,209	1,099	490	415	803	508	673	521	388	427	215	819	735	160,302
914: Pension and Benefits	559,066	3,360	1,498	1,270	2,457	1,552	2,057	1,594	1,187	1,307	658	2,505	2,249	580,761
915: Injuries and Damages	152,063	1,452	647	549	1,061	671	889	689	513	565	284	1,082	972	161,436
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	324,403	7,411	3,304	2,801	5,418	3,424	4,536	3,516	2,618	2,882	1,451	5,525	4,959	372,249
922: Minor Material Load	202,060	-	-	-	-	-	-	-	-	-	-	-	-	202,060
925: E&S Loads	1,674,799	17,983	8,017	6,797	13,148	8,308	11,008	8,533	6,354	6,994	3,522	13,407	12,035	1,790,905
926: A&G Loads	661,841	6,545	2,918	2,474	4,785	3,024	4,007	3,106	2,313	2,545	1,282	4,880	4,380	704,099
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(10,406,349)	(63,999)	(60,886)	(57,054)	(60,572)	(58,381)	(59,416)	(57,669)	(53,951)	(51,574)	(45,984)	(51,766)	(55,068)	(11,082,670)
825: Closing Cost of Removal	(464,285)	(8,936)	(8,474)	(7,920)	(8,375)	(8,055)	(8,179)	(7,927)	(7,409)	(7,075)	(6,305)	(7,088)	(7,533)	(557,561)
Project Net	286,139	46,119	(16,284)	(19,977)	18,094	(11,435)	5,279	(9,107)	(19,297)	(12,350)	(28,975)	29,905	17,073	285,183

Project No: 10000207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new non-residential customers or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new and existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	10000207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	4,896,214	20,700	20,700	18,641	22,320	13,904	13,800	5,006,279
120: Overtime-General	307,718	59	59	53	64	40	39	308,032
350: Material Issues-Major	13,646,173	137,273	137,273	123,621	148,019	92,202	91,515	14,376,076
370: Outside Services	13,454,031	147,392	147,392	132,734	158,929	98,998	98,261	14,377,737
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	283,374	-	-	-	-	-	-	283,374
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,009,628	576	576	519	621	387	384	1,012,690
805: Land and Land Rights	4,301	-	-	-	-	-	-	4,301
807: Non Refundable Contrib	(21,402,744)	(152,093)	(152,093)	(136,967)	(163,998)	(102,156)	(101,395)	(22,211,444)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	384,221	1,571	1,571	1,415	1,694	1,056	1,048	392,577
914: Pension and Benefits	1,411,172	4,467	4,467	4,023	4,817	3,001	2,978	1,434,926
915: Injuries and Damages	370,700	1,777	1,777	1,600	1,916	1,194	1,185	380,148
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,463,299	36,810	36,810	33,149	39,691	24,724	24,540	1,659,023
922: Minor Material Load	1,128,344	-	-	-	-	-	-	1,128,344
925: E&S Loads	5,561,344	39,227	39,227	35,326	42,298	26,347	26,151	5,769,920
926: A&G Loads	2,155,416	12,118	12,118	10,913	13,066	8,139	8,078	2,219,847
928: AFUDC Debt	239	-	-	-	-	-	-	239
929: AFUDC Equity	208	-	-	-	-	-	-	208
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(21,956,752)	(484,953)	(426,639)	(376,344)	(345,712)	(302,148)	(876,849)	(24,769,396)
825: Closing Cost of Removal	(647,280)	(57,841)	(51,713)	(46,277)	(43,209)	(38,134)	(111,738)	(996,193)
Project Net	2,209,606	(292,916)	(228,475)	(197,594)	(119,483)	(172,447)	(822,002)	376,689

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	5,006,279	21,218	15,795	21,688	21,218	22,633	20,381	21,218	21,218	19,107	22,878	14,251	14,145	5,242,029
120: Overtime-General	308,032	61	45	62	61	65	58	61	61	55	65	41	40	308,706
350: Material Issues-Major	14,376,076	139,332	103,725	142,421	139,332	148,629	133,839	139,332	139,332	125,476	150,239	93,585	92,888	15,924,206
370: Outside Services	14,377,737	149,603	111,371	152,920	149,603	159,584	143,705	149,603	149,603	134,725	161,313	100,483	99,735	16,039,985
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	283,374	-	-	-	-	-	-	-	-	-	-	-	-	283,374
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,012,690	584	435	597	584	623	561	584	584	526	630	393	390	1,019,184
805: Land and Land Rights	4,301	-	-	-	-	-	-	-	-	-	-	-	-	4,301
807: Non Refundable Contrib	(22,211,444)	(154,374)	(114,923)	(157,797)	(154,374)	(164,674)	(148,288)	(154,374)	(154,374)	(139,021)	(166,458)	(103,688)	(102,916)	(23,926,705)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	392,577	1,602	1,193	1,638	1,602	1,709	1,539	1,602	1,602	1,443	1,728	1,076	1,068	410,380
914: Pension and Benefits	1,434,926	4,900	3,648	5,009	4,900	5,227	4,707	4,900	4,900	4,413	5,284	3,291	3,267	1,489,374
915: Injuries and Damages	380,148	2,117	1,576	2,164	2,117	2,258	2,034	2,117	2,117	1,907	2,283	1,422	1,411	403,672
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,659,023	39,495	29,402	40,371	39,495	42,130	37,938	39,495	39,495	35,567	42,587	26,528	26,330	2,097,856
922: Minor Material Load	1,128,344	-	-	-	-	-	-	-	-	-	-	-	-	1,128,344
925: E&S Loads	5,769,920	36,733	27,346	37,547	36,733	39,184	35,285	36,733	36,733	33,080	39,608	24,672	24,489	6,178,063
926: A&G Loads	2,219,847	11,158	8,306	11,405	11,158	11,902	10,718	11,158	11,158	10,048	12,031	7,494	7,438	2,343,820
928: AFUDC Debt	239	-	-	-	-	-	-	-	-	-	-	-	-	239
929: AFUDC Equity	208	-	-	-	-	-	-	-	-	-	-	-	-	208
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(24,769,396)	(123,890)	(133,015)	(153,706)	(168,761)	(183,764)	(190,280)	(197,288)	(202,755)	(202,159)	(210,380)	(196,921)	(609,311)	(27,341,626)
825: Closing Cost of Removal	(996,193)	(16,224)	(17,616)	(20,552)	(22,695)	(24,811)	(25,754)	(26,752)	(27,531)	(27,475)	(28,617)	(26,797)	(82,945)	(1,343,961)
Project Net	376,689	112,316	37,289	83,768	60,974	60,697	26,444	28,389	22,143	(2,310)	33,192	(54,170)	(523,971)	261,450

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	5,242,029	21,748	16,190	22,230	21,748	23,199	20,891	21,748	21,748	19,585	23,450	14,607	14,499	5,483,672
120: Overtime-General	308,706	62	46	64	62	66	60	62	62	56	67	42	41	309,396
350: Material Issues-Major	15,924,206	141,422	105,281	144,558	141,422	150,858	135,847	141,422	141,422	127,358	152,492	94,989	94,281	17,495,558
370: Outside Services	16,039,985	151,847	113,042	155,213	151,847	161,978	145,861	151,847	151,847	136,746	163,733	101,990	101,231	17,727,166
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	283,374	-	-	-	-	-	-	-	-	-	-	-	-	283,374
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,019,184	593	442	606	593	633	570	593	593	534	640	398	395	1,025,775
805: Land and Land Rights	4,301	-	-	-	-	-	-	-	-	-	-	-	-	4,301
807: Non Refundable Contrib	(23,926,705)	(156,690)	(116,647)	(160,164)	(156,690)	(167,144)	(150,512)	(156,690)	(156,690)	(141,107)	(168,955)	(105,243)	(104,460)	(25,667,694)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	410,380	1,642	1,223	1,679	1,642	1,752	1,578	1,642	1,642	1,479	1,771	1,103	1,095	428,628
914: Pension and Benefits	1,489,374	5,023	3,739	5,134	5,023	5,358	4,825	5,023	5,023	4,523	5,416	3,374	3,349	1,545,183
915: Injuries and Damages	403,672	2,170	1,616	2,218	2,170	2,315	2,085	2,170	2,170	1,954	2,340	1,458	1,447	427,784
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,097,856	40,088	29,843	40,976	40,088	42,762	38,507	40,088	40,088	36,101	43,226	26,925	26,725	2,543,271
922: Minor Material Load	1,128,344	-	-	-	-	-	-	-	-	-	-	-	-	1,128,344
925: E&S Loads	6,178,063	37,318	27,781	38,146	37,318	39,808	35,847	37,318	37,318	33,607	40,240	25,066	24,879	6,592,711
926: A&G Loads	2,343,820	13,732	10,223	14,036	13,732	14,648	13,190	13,732	13,732	12,366	14,807	9,223	9,155	2,496,395
928: AFUDC Debt	239	-	-	-	-	-	-	-	-	-	-	-	-	239
929: AFUDC Equity	208	-	-	-	-	-	-	-	-	-	-	-	-	208
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(27,341,626)	(102,264)	(117,088)	(142,574)	(161,341)	(179,325)	(188,031)	(196,798)	(203,636)	(203,984)	(213,166)	(199,943)	(189,378)	(29,439,153)
825: Closing Cost of Removal	(1,343,961)	(13,933)	(15,957)	(19,434)	(21,995)	(24,449)	(25,637)	(26,833)	(27,766)	(27,814)	(29,067)	(27,264)	(25,823)	(1,629,935)
Project Net	261,450	142,759	59,734	102,689	75,619	72,460	35,079	35,324	27,553	1,404	36,994	(53,275)	(42,564)	755,225

Project No: 10000507 Lighting
Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information County % Bernalillo 100%

Estimated Start Date 12/1/2006

Estimated Completion Date 12/31/2027

Description
 This project includes costs for the installation, relocation, removal or replacement of PNM owned streetlighting and floodlighting and the removal or replacement of private area lighting. This work includes poles, light fixtures, wiring, and ancillary lighting equipment. The poles may either be wood or aluminum ranging in size from 30 to 45 feet. Fixtures include high pressure sodium lights ranging from 70 to 400 watts per fixture and LED lights ranging from 25 to 300 watts. For PNM owned streetlights, this will include the installation of 150 feet of service wire and the luminaire. All street lighting and floodlighting systems installed will adhere to PNM equipment standards provided in Rate Schedule 20, allowing for efficient and effective maintenance in the future.

Project Need Justification
 This project provides the funds necessary to meet PNM’s contractual obligations with municipal corporations and subdivisions within the state of New Mexico and service requirements allowed under the rate schedules . This project will allow PNM to install street lighting and floodlighting systems in accordance with PNM Rate Schedule 20 - Integrated System Streetlighting and Floodlighting Service and Rate Schedule 6 – Private Area Lighting Service and new installations.

Project Alternatives
 Because of these contractual obligations and requirements under the rate schedules, there are no other alternative methods for this project. Under Rate Schedule 20, customers have the option to own streetlights and pay PNM or a contractor for their installation, or to request that PNM install and own the lights. Customers may request installation of LED lights, high pressure sodium lights, or LED operational substitutes for converting existing mercury vapor, high pressure sodium, or low pressure sodium lights. Under Rate Schedule 6 and the terms of the Agreement for Lighting Service thereunder, private lights are removed at the customer’s request and at PNM’s costs. PNM must honor installation requests under PNM Rate 20.

Project Estimate Approach
 Historical spend in this funding project was analyzed to develop this project’s estimated future spend. This blanket’s project spend forecast is prepared by escalating the most recent 12-month actual spend by labor and non-labor escalation rates.

Customer Benefit
 The customer benefit from this project is electric service for their streetlighting and floodlighting needs.

Primary Value Driver Compliance

Safety This project includes the installation of new and replacement of damaged streetlighting facilities thus supporting and restoring the public safety benefits of streetlighting and floodlighting.

Reliability

System Performance

Security

Compliance This project is implemented in accordance with PNM Rate Schedule 20 - Integrated System StreetLighting and Floodlighting Service, and PNM Rate Schedule 6 - Private Area Lighting Service and new installations.

Environmental

Project No:	10000507 Lighting							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	613,079	4,965	2,571	2,974	3,837	4,811	2,797	635,034
120: Overtime-General	244,030	2,566	1,329	1,537	1,983	2,487	1,446	255,376
350: Material Issues-Major	1,570,665	14,432	7,473	8,645	11,155	13,987	8,131	1,634,487
370: Outside Services	1,370,008	13,094	6,780	7,844	10,121	12,691	7,377	1,427,915
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	64,680	980	507	587	757	949	552	69,012
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	314,656	36	19	22	28	35	20	314,815
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,774,311)	(7,910)	(4,096)	(4,738)	(6,113)	(7,666)	(4,456)	(2,809,289)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	63,098	570	295	341	441	552	321	65,619
914: Pension and Benefits	224,465	1,621	839	971	1,252	1,571	913	231,631
915: Injuries and Damages	61,854	645	334	386	498	625	363	64,704
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	108,282	3,870	2,004	2,318	2,991	3,751	2,180	125,396
922: Minor Material Load	146,876	-	-	-	-	-	-	146,876
925: E&S Loads	642,886	4,863	2,518	2,913	3,759	4,713	2,740	664,393
926: A&G Loads	255,026	1,428	740	856	1,104	1,384	805	261,343
928: AFUDC Debt	4	-	-	-	-	-	-	4
929: AFUDC Equity	7	-	-	-	-	-	-	7
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(3,423,460)	(0)	(0)	(49,961)	(45,568)	(43,475)	(38,861)	(3,601,325)
825: Closing Cost of Removal	740,670	(0)	(0)	(11,978)	(10,346)	(9,234)	(7,944)	701,169
Project Net	222,517	41,160	21,312	(37,285)	(24,101)	(12,818)	(23,616)	187,168

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	635,034	3,933	5,881	3,933	5,958	2,441	4,521	5,089	2,635	3,048	3,933	4,932	2,867	684,203
120: Overtime-General	255,376	2,033	3,039	2,033	3,079	1,261	2,336	2,630	1,362	1,575	2,033	2,549	1,482	280,788
350: Material Issues-Major	1,634,487	11,322	16,930	11,322	17,151	7,026	13,014	14,649	7,585	8,774	11,322	14,197	8,253	1,776,032
370: Outside Services	1,427,915	10,272	15,361	10,272	15,561	6,375	11,808	13,291	6,882	7,961	10,272	12,881	7,488	1,556,339
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	69,012	768	1,149	768	1,164	477	883	994	515	596	768	964	560	78,619
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	314,815	28	42	28	43	17	32	36	19	22	28	35	21	315,167
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,809,289)	(6,205)	(9,279)	(6,205)	(9,400)	(3,851)	(7,133)	(8,028)	(4,157)	(4,809)	(6,205)	(7,781)	(4,523)	(2,886,864)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	65,619	449	672	449	680	279	516	581	301	348	449	563	327	71,235
914: Pension and Benefits	231,631	1,374	2,054	1,374	2,081	853	1,579	1,778	920	1,065	1,374	1,723	1,001	248,807
915: Injuries and Damages	64,704	594	888	594	899	368	682	768	398	460	594	744	433	72,125
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	125,396	3,209	4,799	3,209	4,862	1,992	3,689	4,152	2,150	2,487	3,209	4,024	2,339	165,518
922: Minor Material Load	146,876	-	-	-	-	-	-	-	-	-	-	-	-	146,876
925: E&S Loads	664,393	3,539	5,292	3,539	5,361	2,196	4,068	4,579	2,371	2,743	3,539	4,438	2,580	708,636
926: A&G Loads	261,343	1,018	1,522	1,018	1,542	632	1,170	1,317	682	789	1,018	1,277	742	274,069
928: AFUDC Debt	4	-	-	-	-	-	-	-	-	-	-	-	-	4
929: AFUDC Equity	7	-	-	-	-	-	-	-	-	-	-	-	-	7
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,601,325)	(36,780)	(37,934)	(36,038)	(37,451)	(33,492)	(33,335)	(34,031)	(31,037)	(29,240)	(29,083)	(30,403)	(28,470)	(3,998,620)
825: Closing Cost of Removal	701,169	(7,131)	(6,865)	(6,268)	(6,190)	(5,434)	(5,239)	(5,195)	(4,676)	(4,342)	(4,250)	(4,373)	(4,064)	637,141
Project Net	187,168	(11,576)	3,552	(9,972)	5,340	(18,861)	(1,407)	2,609	(14,052)	(8,523)	(999)	5,770	(8,965)	130,085

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	684,203	4,031	6,028	4,031	6,107	2,502	4,634	5,216	2,701	3,124	4,031	5,055	2,939	734,602
120: Overtime-General	280,788	2,083	3,115	2,083	3,156	1,293	2,395	2,696	1,396	1,615	2,083	2,613	1,519	306,835
350: Material Issues-Major	1,776,032	11,492	17,184	11,492	17,408	7,131	13,209	14,868	7,699	8,906	11,492	14,410	8,377	1,919,700
370: Outside Services	1,556,339	10,427	15,591	10,427	15,794	6,470	11,985	13,490	6,985	8,081	10,427	13,074	7,600	1,686,690
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	78,619	780	1,166	780	1,182	484	897	1,009	523	604	780	978	569	88,370
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	315,167	29	43	29	43	18	33	37	19	22	29	36	21	315,525
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,886,864)	(6,298)	(9,418)	(6,298)	(9,541)	(3,908)	(7,239)	(8,149)	(4,219)	(4,881)	(6,298)	(7,898)	(4,591)	(2,965,603)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	71,235	460	689	460	697	286	529	596	308	357	460	577	336	76,992
914: Pension and Benefits	248,807	1,408	2,106	1,408	2,133	874	1,619	1,822	943	1,091	1,408	1,766	1,027	266,413
915: Injuries and Damages	72,125	608	910	608	922	378	699	787	408	472	608	763	444	79,731
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	165,518	3,257	4,871	3,257	4,934	2,021	3,744	4,215	2,182	2,525	3,257	4,085	2,374	206,242
922: Minor Material Load	146,876	-	-	-	-	-	-	-	-	-	-	-	-	146,876
925: E&S Loads	708,636	3,602	5,386	3,602	5,456	2,235	4,140	4,660	2,413	2,791	3,602	4,516	2,625	753,663
926: A&G Loads	274,069	1,255	1,876	1,255	1,901	779	1,442	1,623	841	972	1,255	1,573	915	289,754
928: AFUDC Debt	4	-	-	-	-	-	-	-	-	-	-	-	-	4
929: AFUDC Equity	7	-	-	-	-	-	-	-	-	-	-	-	-	7
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,998,620)	(28,608)	(31,607)	(31,117)	(33,727)	(30,601)	(31,184)	(32,492)	(29,901)	(28,440)	(28,584)	(30,179)	(28,394)	(4,363,454)
825: Closing Cost of Removal	637,141	(4,046)	(4,426)	(4,336)	(4,674)	(4,232)	(4,300)	(4,469)	(4,108)	(3,903)	(3,917)	(4,131)	(3,884)	586,714
Project Net	130,085	480	13,514	(2,319)	11,791	(14,272)	2,603	5,909	(11,811)	(6,663)	633	7,238	(8,126)	129,063

Project No: 10000607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 12/1/2006

Estimated Completion Date 12/31/2027

Description

This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including but not limited to, insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification

This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives

This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach

Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit

Customers benefit through outage restoration and increased reliability by maintaining the distribution system integrity through the replacement of damaged equipment and equipment taken out of service by storms, other events or deteriorated equipment through normal aging.

Primary Value Driver Compliance

Safety

Reliability

Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance

Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	10000607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	6,419,728	22,352	18,112	17,120	19,605	19,778	9,883	6,526,578
120: Overtime-General	3,776,753	26,851	42,000	20,565	23,551	23,758	11,872	3,925,349
350: Material Issues-Major	10,805,663	65,848	53,357	50,433	57,755	58,264	29,114	11,120,434
370: Outside Services	16,825,846	144,561	160,000	110,720	126,794	127,912	63,916	17,559,748
374: Outside Services Legal	24,302	-	-	-	-	-	-	24,302
377: Outside Svcs-Temp Labor	362,345	1,368	1,108	1,048	1,200	1,210	605	368,884
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3,935,479	947	768	726	831	838	419	3,940,008
805: Land and Land Rights	34,267	-	-	-	-	-	-	34,267
807: Non Refundable Contrib	(11,965,698)	(37,996)	(30,788)	(29,101)	(33,326)	(33,620)	(16,799)	(12,147,330)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	753,703	3,725	4,550	2,853	3,267	3,296	1,647	773,041
914: Pension and Benefits	2,717,126	10,588	12,936	8,110	9,287	9,369	4,682	2,772,098
915: Injuries and Damages	758,749	4,212	5,146	3,226	3,694	3,727	1,862	780,615
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,275,011	17,657	14,308	13,524	15,487	15,624	7,807	1,359,417
922: Minor Material Load	1,045,898	-	-	-	-	-	-	1,045,898
925: E&S Loads	6,423,128	35,056	37,247	26,850	30,748	31,019	15,500	6,599,548
926: A&G Loads	2,575,270	10,372	10,904	7,944	9,098	9,178	4,586	2,627,351
928: AFUDC Debt	2,553	-	-	-	-	-	-	2,553
929: AFUDC Equity	3,204	-	-	-	-	-	-	3,204
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(39,479,031)	(202,801)	(213,276)	(212,395)	(215,207)	(217,931)	(206,045)	(40,746,686)
825: Closing Cost of Removal	(3,764,515)	(138,774)	(126,868)	(115,013)	(105,071)	(96,355)	(86,738)	(4,433,335)
Project Net	2,529,780	(36,033)	(10,497)	(93,392)	(52,289)	(43,933)	(157,692)	2,135,944

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	6,526,578	49,266	19,264	19,763	22,989	14,093	22,717	22,911	18,565	17,548	20,095	20,272	10,130	6,784,192
120: Overtime-General	3,925,349	59,181	23,141	23,741	27,616	16,930	27,289	27,522	42,000	21,079	24,139	24,352	12,168	4,254,509
350: Material Issues-Major	11,120,434	143,718	56,197	57,653	67,064	41,113	66,270	66,836	54,157	51,190	58,621	59,138	29,550	11,871,943
370: Outside Services	17,559,748	315,514	123,374	126,570	147,231	90,259	145,488	146,729	118,895	112,381	128,696	129,831	64,874	19,209,591
374: Outside Services Legal	24,302	-	-	-	-	-	-	-	-	-	-	-	-	24,302
377: Outside Svcs-Temp Labor	368,884	2,985	1,167	1,198	1,393	854	1,377	1,388	1,125	1,063	1,218	1,228	614	384,494
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,940,008	2,068	809	830	965	592	953	962	779	737	843	851	425	3,950,821
805: Land and Land Rights	34,267	-	-	-	-	-	-	-	-	-	-	-	-	34,267
807: Non Refundable Contrib	(12,147,330)	(82,929)	(32,427)	(33,267)	(38,698)	(23,724)	(38,240)	(38,566)	(31,250)	(29,538)	(33,826)	(34,125)	(17,051)	(12,580,972)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	773,041	8,166	3,193	3,276	3,811	2,336	3,765	3,798	4,561	2,909	3,331	3,360	1,679	817,225
914: Pension and Benefits	2,772,098	24,975	9,766	10,019	11,654	7,145	11,516	11,615	13,948	8,896	10,187	10,277	5,135	2,907,232
915: Injuries and Damages	780,615	10,790	4,219	4,329	5,035	3,087	4,976	5,018	6,026	3,843	4,401	4,440	2,219	838,999
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,359,417	40,738	15,930	16,342	19,010	11,654	18,785	18,945	15,351	14,510	16,617	16,763	8,376	1,572,440
922: Minor Material Load	1,045,898	-	-	-	-	-	-	-	-	-	-	-	-	1,045,898
925: E&S Loads	6,599,548	70,916	27,730	28,448	33,092	20,287	32,701	32,979	29,906	25,259	28,926	29,181	14,581	6,973,557
926: A&G Loads	2,627,351	20,561	8,040	8,248	9,595	5,882	9,481	9,562	8,455	7,324	8,387	8,461	4,228	2,735,574
928: AFUDC Debt	2,553	-	-	-	-	-	-	-	-	-	-	-	-	2,553
929: AFUDC Equity	3,204	-	-	-	-	-	-	-	-	-	-	-	-	3,204
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(40,746,686)	(251,644)	(248,946)	(247,283)	(250,425)	(240,492)	(244,060)	(247,477)	(247,614)	(242,949)	(242,479)	(242,320)	(948,755)	(44,401,130)
825: Closing Cost of Removal	(4,433,335)	(85,919)	(79,359)	(73,683)	(69,316)	(63,741)	(60,514)	(57,712)	(54,855)	(51,688)	(49,397)	(47,415)	(182,072)	(5,309,006)
Project Net	2,135,944	328,386	(67,900)	(53,817)	(8,982)	(113,725)	2,505	4,509	(19,951)	(57,436)	(20,241)	(15,703)	(993,898)	1,119,692

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	6,784,192	50,497	19,746	20,257	23,564	14,446	23,285	23,484	19,029	17,986	20,597	20,779	10,383	7,048,246
120: Overtime-General	4,254,509	60,661	23,720	24,334	28,307	17,353	27,972	28,210	22,859	21,606	24,743	24,961	12,473	4,571,707
350: Material Issues-Major	11,871,943	145,873	57,040	58,518	68,070	41,730	67,264	67,838	54,969	51,958	59,501	60,025	29,994	12,634,724
370: Outside Services	19,209,591	320,247	125,225	128,469	149,440	91,613	147,671	148,930	120,678	114,067	130,626	131,778	65,848	20,884,182
374: Outside Services Legal	24,302	-	-	-	-	-	-	-	-	-	-	-	-	24,302
377: Outside Svcs-Temp Labor	384,494	3,030	1,185	1,216	1,414	867	1,397	1,409	1,142	1,079	1,236	1,247	623	400,339
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,950,821	2,099	821	842	979	600	968	976	791	748	856	864	432	3,961,796
805: Land and Land Rights	34,267	-	-	-	-	-	-	-	-	-	-	-	-	34,267
807: Non Refundable Contrib	(12,580,972)	(84,173)	(32,914)	(33,766)	(39,278)	(24,079)	(38,814)	(39,145)	(31,719)	(29,981)	(34,334)	(34,636)	(17,307)	(13,021,118)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	817,225	8,370	3,273	3,358	3,906	2,394	3,860	3,893	3,154	2,981	3,414	3,444	1,721	860,993
914: Pension and Benefits	2,907,232	25,600	10,010	10,269	11,946	7,323	11,804	11,905	9,647	9,118	10,442	10,534	5,264	3,041,094
915: Injuries and Damages	838,999	11,060	4,325	4,437	5,161	3,164	5,100	5,144	4,168	3,939	4,511	4,551	2,274	896,833
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,572,440	41,349	16,169	16,587	19,295	11,829	19,067	19,229	15,582	14,728	16,866	17,015	8,502	1,788,658
922: Minor Material Load	1,045,898	-	-	-	-	-	-	-	-	-	-	-	-	1,045,898
925: E&S Loads	6,973,557	72,155	28,215	28,945	33,670	20,641	33,272	33,556	27,190	25,701	29,432	29,691	14,836	7,350,861
926: A&G Loads	2,735,574	25,335	9,907	10,163	11,822	7,248	11,682	11,782	9,547	9,024	10,334	10,425	5,209	2,868,051
928: AFUDC Debt	2,553	-	-	-	-	-	-	-	-	-	-	-	-	2,553
929: AFUDC Equity	3,204	-	-	-	-	-	-	-	-	-	-	-	-	3,204
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(44,401,130)	(185,881)	(191,741)	(197,627)	(207,524)	(203,227)	(212,054)	(220,105)	(220,835)	(219,991)	(222,972)	(225,855)	(889,847)	(47,598,787)
825: Closing Cost of Removal	(5,309,006)	(31,671)	(31,711)	(31,846)	(32,608)	(31,505)	(32,254)	(32,951)	(32,698)	(32,273)	(32,407)	(32,560)	(127,800)	(5,791,289)
Project Net	1,119,692	464,552	43,268	44,156	78,164	(39,602)	70,221	64,155	3,503	(9,310)	22,845	22,264	(877,396)	1,006,512

Project No: 10000707 Distr. System Improvements

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisitions (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, such as through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or distribution system configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. The project also improves system reliability by adding equipment and components which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	10000707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,876,046	16,666	16,666	16,666	16,666	16,666	16,666	1,976,041
120: Overtime-General	1,281,129	3,333	3,333	3,333	3,333	3,333	3,333	1,301,128
350: Material Issues-Major	4,770,735	49,998	49,998	49,998	49,998	49,998	49,998	5,070,723
370: Outside Services	10,997,567	96,663	96,663	96,663	96,663	96,663	96,663	11,577,543
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	23,347	-	-	-	-	-	-	23,347
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	854,302	-	-	-	-	-	-	854,302
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,094,931)	-	-	-	-	-	-	(2,094,931)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	222,826	1,514	1,514	1,514	1,514	1,514	1,514	231,910
914: Pension and Benefits	819,373	4,304	4,304	4,304	4,304	4,304	4,304	845,196
915: Injuries and Damages	221,887	1,712	1,712	1,712	1,712	1,712	1,712	232,159
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	513,994	13,407	13,407	13,407	13,407	13,407	13,407	594,435
922: Minor Material Load	393,280	-	-	-	-	-	-	393,280
925: E&S Loads	2,872,135	21,774	21,774	21,774	21,774	21,774	21,774	3,002,777
926: A&G Loads	1,307,104	6,600	6,600	6,600	6,600	6,600	6,600	1,346,702
928: AFUDC Debt	151,669	2,013	2,032	2,049	2,064	2,077	2,089	163,992
929: AFUDC Equity	225,171	4,831	4,877	4,918	4,954	4,986	5,014	254,750
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(21,056,507)	(183,753)	(185,338)	(186,740)	(187,979)	(189,076)	(791,856)	(22,781,247)
825: Closing Cost of Removal	(1,530,329)	(64,781)	(60,117)	(56,013)	(52,401)	(49,223)	(193,443)	(2,006,807)
Project Net	1,848,298	(25,720)	(22,576)	(19,816)	(17,393)	(15,266)	(762,226)	985,299

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,976,041	17,007	17,007	17,007	17,007	17,007	17,007	17,007	17,007	17,007	17,007	17,007	17,007	2,180,122
120: Overtime-General	1,301,128	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	3,401	1,341,944
350: Material Issues-Major	5,070,723	51,020	51,020	51,020	51,020	51,020	51,020	51,020	51,020	51,020	51,020	51,020	51,020	5,682,964
370: Outside Services	11,577,543	98,639	98,639	98,639	98,639	98,639	98,639	98,639	98,639	98,639	98,639	98,639	98,639	12,761,209
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	23,347	-	-	-	-	-	-	-	-	-	-	-	-	23,347
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	854,302	-	-	-	-	-	-	-	-	-	-	-	-	854,302
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,094,931)	-	-	-	-	-	-	-	-	-	-	-	-	(2,094,931)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	231,910	1,537	1,537	1,537	1,537	1,537	1,537	1,537	1,537	1,537	1,537	1,537	1,537	250,351
914: Pension and Benefits	845,196	4,700	4,700	4,700	4,700	4,700	4,700	4,700	4,700	4,700	4,700	4,700	4,700	901,595
915: Injuries and Damages	232,159	2,031	2,031	2,031	2,031	2,031	2,031	2,031	2,031	2,031	2,031	2,031	2,031	256,526
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	594,435	14,462	14,462	14,462	14,462	14,462	14,462	14,462	14,462	14,462	14,462	14,462	14,462	767,981
922: Minor Material Load	393,280	-	-	-	-	-	-	-	-	-	-	-	-	393,280
925: E&S Loads	3,002,777	20,508	20,508	20,508	20,508	20,508	20,508	20,508	20,508	20,508	20,508	20,508	20,508	3,248,878
926: A&G Loads	1,346,702	6,105	6,105	6,105	6,105	6,105	6,105	6,105	6,105	6,105	6,105	6,105	6,105	1,419,967
928: AFUDC Debt	163,992	1,886	2,054	2,202	2,333	2,449	2,551	2,642	2,722	2,793	2,855	2,911	2,960	194,351
929: AFUDC Equity	254,750	2,406	2,620	2,809	2,976	3,124	3,255	3,370	3,472	3,563	3,642	3,713	3,776	293,476
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(22,781,247)	(118,708)	(128,193)	(136,581)	(143,998)	(150,557)	(156,357)	(161,485)	(166,020)	(170,030)	(173,576)	(176,711)	(747,849)	(25,211,311)
825: Closing Cost of Removal	(2,006,807)	(26,373)	(26,367)	(26,363)	(26,359)	(26,355)	(26,352)	(26,349)	(26,347)	(26,345)	(26,343)	(26,341)	(109,749)	(2,406,452)
Project Net	985,299	78,623	69,524	61,477	54,362	48,071	42,507	37,588	33,238	29,391	25,989	22,982	(631,453)	857,598

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,180,122	17,277	17,277	17,277	17,277	17,277	17,277	17,277	17,277	17,277	17,277	17,277	17,277	2,383,442
120: Overtime-General	1,341,944	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	1,383,408
350: Material Issues-Major	5,682,964	51,830	51,830	51,830	51,830	51,830	51,830	51,830	51,830	51,830	51,830	51,830	51,830	6,304,925
370: Outside Services	12,761,209	100,205	100,205	100,205	100,205	100,205	100,205	100,205	100,205	100,205	100,205	100,205	100,205	13,963,667
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	23,347	-	-	-	-	-	-	-	-	-	-	-	-	23,347
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	854,302	-	-	-	-	-	-	-	-	-	-	-	-	854,302
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,094,931)	-	-	-	-	-	-	-	-	-	-	-	-	(2,094,931)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	250,351	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	269,084
914: Pension and Benefits	901,595	4,775	4,775	4,775	4,775	4,775	4,775	4,775	4,775	4,775	4,775	4,775	4,775	958,890
915: Injuries and Damages	256,526	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	281,280
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	767,981	14,692	14,692	14,692	14,692	14,692	14,692	14,692	14,692	14,692	14,692	14,692	14,692	944,282
922: Minor Material Load	393,280	-	-	-	-	-	-	-	-	-	-	-	-	393,280
925: E&S Loads	3,248,878	20,834	20,834	20,834	20,834	20,834	20,834	20,834	20,834	20,834	20,834	20,834	20,834	3,498,887
926: A&G Loads	1,419,967	7,515	7,515	7,515	7,515	7,515	7,515	7,515	7,515	7,515	7,515	7,515	7,515	1,510,152
928: AFUDC Debt	194,351	1,521	1,678	1,817	1,940	2,049	2,145	2,231	2,306	2,372	2,431	2,483	2,529	219,855
929: AFUDC Equity	293,476	2,636	2,909	3,150	3,364	3,552	3,719	3,867	3,997	4,112	4,214	4,305	4,384	337,687
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(25,211,311)	(113,917)	(124,474)	(133,809)	(142,065)	(149,365)	(155,822)	(161,531)	(166,580)	(171,045)	(174,993)	(178,485)	(756,551)	(27,639,947)
825: Closing Cost of Removal	(2,406,452)	(16,399)	(17,659)	(18,769)	(19,745)	(20,604)	(21,360)	(22,026)	(22,611)	(23,126)	(23,580)	(23,979)	(101,375)	(2,737,684)
Project Net	857,598	98,049	86,661	76,597	67,701	59,839	52,889	46,747	41,319	36,521	32,280	28,531	(626,806)	857,926

Project No: 10000807 Services
Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County %	Bernalillo	Sandoval	Valencia
	76%	15%	9%

Estimated Start Date 9/11/2001
Estimated Completion Date 12/31/2027

Description
 This project covers the expenses for the installation, connection, and in the case of service retirement, disconnection and removal, of PNM customer access or "services" in Bernalillo, Sandoval, and Valencia Counties. Services include overhead and underground conductors connecting the PNM distribution system to the customer. Materials to be purchased include overhead and underground service wires and associated connecting or terminating equipment.

Project Need Justification
 PNM is obligated to serve customers within its service territory. PNM and the customers' service cost responsibilities are defined within PNM's Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210. This project covers the expenses associated with labor, materials, outside services (contractors), and transportation required for PNM to meet its obligation to serve customers by either connecting or disconnecting electrical service to customer facilities.

Project Alternatives
 As PNM is obligated to serve customers in its territory there are few alternatives to this project. However, if a customer prefers a more expensive connection to PNM's distribution network (e.g., if a residential customer in an area served by overhead lines prefers an underground service) the customer must provide the service wires per PNM rules and is response for covering a portion of the increased costs.

Project Estimate Approach
 Since the amount, length, and types of services to be installed each year is unknown at the time of budget preparation, the budget is estimated by applying escalation factors to historical spend for similar activities. The initial budget for this project was developed by cost escalation factors to the most recent 12-month actual spend. An adjustment was made to the actual spend to account for expected cost increases for a planned change in the installation practice for residential underground services from direct buried wired to installation of service wire in conduit. Labor and non-labor cost components are escalated using customary annual expected cost increase percentages supplied by PNM Budget.

Customer Benefit
 This project provides funding for customers' services and connections enabling power delivery to customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Enables PNM's compliance with Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	10000807 Services							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	8,014,166	33,346	33,643	35,156	35,168	35,923	34,788	8,222,190
120: Overtime-General	726,785	2,009	2,027	2,118	2,119	2,164	2,096	739,318
350: Material Issues-Major	8,737,388	63,287	63,851	66,722	66,746	68,179	66,025	9,132,197
370: Outside Services	23,070,895	169,000	169,000	169,000	169,000	169,000	169,000	24,084,895
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	431,716	2,563	2,586	2,702	2,703	2,761	2,674	447,705
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,586,158	42	43	45	45	46	44	1,586,422
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(138,675)	(1,550)	(1,564)	(1,634)	(1,635)	(1,670)	(1,617)	(148,345)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	642,558	2,676	2,700	2,822	2,823	2,883	2,792	659,254
914: Pension and Benefits	2,309,446	7,608	7,676	8,021	8,024	8,196	7,937	2,356,910
915: Injuries and Damages	635,980	3,026	3,053	3,191	3,192	3,260	3,157	654,859
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	255,683	16,970	17,122	17,892	17,898	18,282	17,704	361,551
922: Minor Material Load	59,529	-	-	-	-	-	-	59,529
925: E&S Loads	6,258,181	35,445	35,572	36,222	36,227	36,552	36,064	6,474,263
926: A&G Loads	2,566,125	10,702	10,738	10,919	10,921	11,012	10,875	2,631,291
928: AFUDC Debt	193,416	-	-	-	-	-	-	193,416
929: AFUDC Equity	43,604	-	-	-	-	-	-	43,604
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(47,047,073)	(443,314)	(422,548)	(405,785)	(391,543)	(379,882)	(2,141,955)	(51,232,099)
825: Closing Cost of Removal	(4,922,385)	(121,979)	(109,918)	(99,788)	(91,178)	(83,920)	(450,425)	(5,879,592)
Project Net	3,423,496	(220,169)	(186,020)	(152,397)	(129,491)	(107,213)	(2,240,840)	387,367

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	8,222,190	81,239	31,242	33,979	36,031	35,504	35,353	34,179	34,484	36,035	36,047	36,821	35,658	8,688,762
120: Overtime-General	739,318	4,894	1,882	2,047	2,171	2,139	2,130	2,059	2,077	2,171	2,172	2,218	2,148	767,426
350: Material Issues-Major	9,132,197	152,679	58,716	63,860	67,717	66,726	66,442	64,236	64,809	67,723	67,747	69,202	67,015	10,009,070
370: Outside Services	24,084,895	643,372	247,422	269,100	285,351	281,176	279,980	270,683	273,096	285,378	285,478	291,608	282,393	27,779,931
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	447,705	6,183	2,378	2,586	2,742	2,702	2,691	2,601	2,625	2,743	2,744	2,803	2,714	483,216
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,586,422	102	39	43	45	45	45	43	43	45	45	46	45	1,587,009
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(148,345)	(3,740)	(1,438)	(1,564)	(1,659)	(1,634)	(1,627)	(1,573)	(1,587)	(1,659)	(1,659)	(1,695)	(1,641)	(169,822)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	659,254	6,486	2,494	2,713	2,877	2,835	2,822	2,729	2,753	2,877	2,878	2,940	2,847	696,504
914: Pension and Benefits	2,356,910	19,836	7,628	8,297	8,798	8,669	8,632	8,346	8,420	8,799	8,802	8,991	8,707	2,470,835
915: Injuries and Damages	654,859	8,570	3,296	3,585	3,801	3,745	3,730	3,606	3,638	3,801	3,803	3,884	3,762	704,080
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	361,551	43,278	16,644	18,102	19,195	18,914	18,834	18,208	18,371	19,197	19,204	19,616	18,996	610,109
922: Minor Material Load	59,529	-	-	-	-	-	-	-	-	-	-	-	-	59,529
925: E&S Loads	6,474,263	106,187	40,836	44,414	47,096	46,407	46,210	44,675	45,074	47,101	47,117	48,129	46,608	7,084,118
926: A&G Loads	2,631,291	31,896	12,266	13,341	14,147	13,940	13,880	13,419	13,539	14,148	14,153	14,457	14,000	2,814,478
928: AFUDC Debt	193,416	-	-	-	-	-	-	-	-	-	-	-	-	193,416
929: AFUDC Equity	43,604	-	-	-	-	-	-	-	-	-	-	-	-	43,604
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(51,232,099)	(193,339)	(220,228)	(247,980)	(275,240)	(297,468)	(316,092)	(329,822)	(342,038)	(355,196)	(366,402)	(377,312)	(2,230,126)	(56,783,344)
825: Closing Cost of Removal	(5,879,592)	(29,913)	(33,048)	(36,380)	(39,712)	(42,416)	(44,678)	(46,314)	(47,779)	(49,403)	(50,786)	(52,150)	(307,553)	(6,659,725)
Project Net	387,367	877,730	170,130	176,143	173,361	141,284	118,351	87,075	77,524	83,760	71,341	69,557	(2,054,429)	379,193

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	8,688,762	83,270	32,023	34,829	36,932	36,392	36,237	35,034	35,346	36,936	36,948	37,742	36,549	9,166,999
120: Overtime-General	767,426	5,016	1,929	2,098	2,225	2,192	2,183	2,111	2,129	2,225	2,226	2,274	2,202	796,236
350: Material Issues-Major	10,009,070	154,969	59,597	64,818	68,733	67,727	67,439	65,200	65,781	68,739	68,763	70,240	68,020	10,899,095
370: Outside Services	27,779,931	653,022	251,133	273,136	289,632	285,394	284,179	274,743	277,192	289,658	289,760	295,982	286,629	31,530,393
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	483,216	6,276	2,414	2,625	2,784	2,743	2,731	2,640	2,664	2,784	2,785	2,845	2,755	519,260
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,587,009	104	40	43	46	45	45	44	44	46	46	47	46	1,587,605
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(169,822)	(3,796)	(1,460)	(1,588)	(1,683)	(1,659)	(1,652)	(1,597)	(1,611)	(1,684)	(1,684)	(1,720)	(1,666)	(191,622)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	696,504	6,648	2,557	2,781	2,949	2,905	2,893	2,797	2,822	2,949	2,950	3,013	2,918	734,684
914: Pension and Benefits	2,470,835	20,332	7,819	8,504	9,018	8,886	8,848	8,554	8,631	9,019	9,022	9,216	8,924	2,587,608
915: Injuries and Damages	704,080	8,784	3,378	3,674	3,896	3,839	3,823	3,696	3,729	3,896	3,898	3,982	3,856	754,531
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	610,109	43,928	16,893	18,373	19,483	19,198	19,116	18,481	18,646	19,485	19,492	19,910	19,281	862,396
922: Minor Material Load	59,529	-	-	-	-	-	-	-	-	-	-	-	-	59,529
925: E&S Loads	7,084,118	107,919	41,502	45,139	47,865	47,164	46,964	45,404	45,809	47,869	47,886	48,914	47,368	7,703,919
926: A&G Loads	2,814,478	39,266	15,100	16,423	17,415	17,160	17,087	16,520	16,667	17,417	17,423	17,797	17,235	3,039,989
928: AFUDC Debt	193,416	-	-	-	-	-	-	-	-	-	-	-	-	193,416
929: AFUDC Equity	43,604	-	-	-	-	-	-	-	-	-	-	-	-	43,604
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(56,783,344)	(198,583)	(225,942)	(254,204)	(281,980)	(304,625)	(323,597)	(337,577)	(350,016)	(363,426)	(374,848)	(385,973)	(2,281,141)	(62,465,255)
825: Closing Cost of Removal	(6,659,725)	(27,157)	(30,876)	(34,720)	(38,499)	(41,580)	(44,161)	(46,062)	(47,754)	(49,579)	(51,134)	(52,648)	(311,140)	(7,435,034)
Project Net	379,193	899,998	176,108	181,933	178,814	145,782	122,135	89,988	80,079	86,333	73,532	71,619	(2,098,164)	387,352

Project No: 10000907 **Transformers**
Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

		<u>County %</u>	Bernalillo	66% Union	
Estimated Start Date	1/1/2007		Sandoval	12% Luna	2%
Estimated Completion Date	12/31/2027		Santa Fe	12%	
			Valencia	7%	
			San Miguel	1%	

Description
 This project involves the purchase and installation of distribution transformers that manage voltage levels within usual and customary ranges usable by customers. Usual and customary voltages range between 120 volts for some residential customers up to 13,800 volts for some commercial or industrial customers.

Project Need Justification
 PNM is obligated to provide service to new and existing customers as load grows. New or increased load may impact voltages on the existing distribution system, and when it does, PNM is obligated to maintain equitable service to existing customers whose electrical service may be impacted by the new or increased load. This project enables PNM to meet its obligation by purchasing transformers necessary to service new and existing customers to meet load and prevent failure caused by new or increased load on the distribution system.

Project Alternatives
 This project is necessary to meet new or growing customer needs. Consideration will be given to deciding between serving new customers from existing transformers or installing new transformers to meet voltage and load demands. Outside of these parameters, there are no other alternatives.

Project Estimate Approach
 The specific work items for this project will not be known until customer requests for new or upgraded service are received during the budget year. As a result, expense forecasts are developed from historical activity regarding costs of transformers coupled with labor costs for installation or exchange of transformers. The initial budget for this project was developed by applying labor and non-labor cost escalation factors based on the most recent 12-month actual spend.

Customer Benefit
 Customers benefit either by providing new or increased electricity service, or by maintenance of usual an customary voltages for existing customers near new load.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance This project ensures PNM's continued compliance with Rule 15 of the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	10000907 Transformers							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	5,263,228	30,579	34,351	28,618	34,670	42,050	50,666	5,484,161
120: Overtime-General	2,926,520	28,654	32,189	26,817	32,487	39,403	47,477	3,133,547
350: Material Issues-Major	53,328,990	277,672	277,672	277,672	277,672	277,672	277,672	54,995,023
370: Outside Services	8,259,577	40,529	40,529	40,529	40,529	40,529	40,529	8,502,750
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	121,141	1,396	1,568	1,306	1,582	1,919	2,313	131,225
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3,132,511	971	1,090	908	1,101	1,335	1,608	3,139,524
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,992,415)	(2,044)	(2,296)	(1,913)	(2,317)	(2,811)	(3,387)	(3,007,183)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	610,315	4,484	5,037	4,196	5,084	6,166	7,429	642,711
914: Pension and Benefits	2,114,037	12,747	14,320	11,930	14,452	17,529	21,120	2,206,134
915: Injuries and Damages	615,741	5,070	5,696	4,745	5,749	6,972	8,401	652,374
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,372,969	74,458	74,458	74,458	74,458	74,458	74,458	3,819,715
922: Minor Material Load	94,167	-	-	-	-	-	-	94,167
925: E&S Loads	10,772,389	50,263	51,557	49,590	51,666	54,197	57,152	11,086,813
926: A&G Loads	5,154,685	15,040	15,341	14,884	15,366	15,955	16,642	5,247,914
928: AFUDC Debt	1,442	-	-	-	-	-	-	1,442
929: AFUDC Equity	2,257	-	-	-	-	-	-	2,257
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(86,522,101)	(711,909)	(614,480)	(552,221)	(523,831)	(516,305)	(643,545)	(90,084,393)
825: Closing Cost of Removal	(4,803,952)	11,296	(22,020)	(40,092)	(51,361)	(58,965)	(79,719)	(5,043,954)
Project Net	1,452,358	(160,795)	(84,988)	(58,573)	(22,695)	103	(121,183)	1,004,228

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	5,484,161	64,063	22,272	25,539	24,638	27,981	32,705	31,344	35,210	29,334	35,536	43,101	51,933	5,907,816
120: Overtime-General	3,133,547	60,031	20,870	23,931	23,087	26,220	30,646	29,371	32,994	27,487	33,300	40,388	48,664	3,530,536
350: Material Issues-Major	54,995,023	283,587	283,587	283,587	283,587	283,587	283,587	283,587	283,587	283,587	283,587	283,587	283,587	58,398,070
370: Outside Services	8,502,750	42,212	142,212	142,212	142,212	142,212	142,212	142,212	142,212	142,212	142,212	142,212	142,212	10,109,292
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	131,225	2,896	1,007	1,154	1,114	1,265	1,478	1,417	1,591	1,326	1,606	1,948	2,347	150,374
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,139,524	2,014	700	803	774	880	1,028	985	1,107	922	1,117	1,355	1,632	3,152,841
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,007,183)	(4,240)	(1,474)	(1,690)	(1,631)	(1,852)	(2,165)	(2,075)	(2,331)	(1,942)	(2,352)	(2,853)	(3,437)	(3,035,224)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	642,711	9,344	3,249	3,725	3,594	4,081	4,770	4,572	5,136	4,279	5,183	6,287	7,575	704,506
914: Pension and Benefits	2,206,134	28,579	9,936	11,393	10,991	12,482	14,590	13,983	15,707	13,086	15,853	19,227	23,167	2,395,129
915: Injuries and Damages	652,374	12,347	4,293	4,922	4,749	5,393	6,303	6,041	6,786	5,654	6,849	8,307	10,009	734,028
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,819,715	80,386	80,386	80,386	80,386	80,386	80,386	80,386	80,386	80,386	80,386	80,386	80,386	4,784,343
922: Minor Material Load	94,167	-	-	-	-	-	-	-	-	-	-	-	-	94,167
925: E&S Loads	11,086,813	58,083	56,134	57,186	56,896	57,972	59,492	59,054	60,298	58,407	60,403	62,837	65,680	11,799,254
926: A&G Loads	5,247,914	16,327	16,896	17,132	17,067	17,309	17,650	17,552	17,832	17,407	17,855	18,402	19,040	5,458,385
928: AFUDC Debt	1,442	-	-	-	-	-	-	-	-	-	-	-	-	1,442
929: AFUDC Equity	2,257	-	-	-	-	-	-	-	-	-	-	-	-	2,257
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(90,084,393)	(493,487)	(523,489)	(544,455)	(555,340)	(565,498)	(576,877)	(581,753)	(589,106)	(586,346)	(592,110)	(604,344)	(766,363)	(97,063,561)
825: Closing Cost of Removal	(5,043,954)	(64,229)	(69,638)	(73,248)	(75,161)	(76,790)	(78,481)	(79,225)	(80,273)	(79,922)	(80,723)	(82,399)	(104,496)	(5,988,538)
Project Net	1,004,228	97,912	46,940	32,577	16,964	15,626	17,325	7,450	11,136	(4,124)	8,702	18,440	(138,064)	1,135,115

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	5,907,816	65,664	22,829	26,177	25,254	28,680	33,522	32,127	36,090	30,067	36,425	44,178	53,231	6,342,062
120: Overtime-General	3,530,536	61,531	21,392	24,530	23,665	26,875	31,412	30,105	33,819	28,174	34,132	41,398	49,880	3,937,449
350: Material Issues-Major	58,398,070	737,187	256,290	293,881	283,518	321,983	376,342	360,678	405,171	337,548	408,924	495,971	597,601	63,273,162
370: Outside Services	10,109,292	209,741	72,919	83,614	80,665	91,609	107,075	102,619	115,277	96,038	116,345	141,111	170,027	11,496,332
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	150,374	2,939	1,022	1,172	1,130	1,284	1,500	1,438	1,615	1,346	1,630	1,977	2,382	169,810
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,152,841	2,044	711	815	786	893	1,043	1,000	1,123	936	1,134	1,375	1,657	3,166,357
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,035,224)	(4,304)	(1,496)	(1,716)	(1,655)	(1,880)	(2,197)	(2,106)	(2,366)	(1,971)	(2,387)	(2,896)	(3,489)	(3,063,687)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	704,506	9,578	3,330	3,818	3,684	4,183	4,890	4,686	5,264	4,386	5,313	6,444	7,764	767,845
914: Pension and Benefits	2,395,129	29,293	10,184	11,678	11,266	12,794	14,955	14,332	16,100	13,413	16,249	19,708	23,747	2,588,848
915: Injuries and Damages	734,028	12,656	4,400	5,045	4,867	5,528	6,461	6,192	6,956	5,795	7,020	8,515	10,260	817,723
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,784,343	208,963	72,648	83,303	80,366	91,269	106,678	102,238	114,850	95,681	115,914	140,588	169,396	6,166,237
922: Minor Material Load	94,167	-	-	-	-	-	-	-	-	-	-	-	-	94,167
925: E&S Loads	11,799,254	130,023	45,204	51,834	50,006	56,790	66,378	63,615	71,463	59,536	72,125	87,478	105,403	12,659,109
926: A&G Loads	5,458,385	46,941	16,320	18,713	18,053	20,503	23,964	22,967	25,800	21,494	26,039	31,581	38,053	5,768,812
928: AFUDC Debt	1,442	-	-	-	-	-	-	-	-	-	-	-	-	1,442
929: AFUDC Equity	2,257	-	-	-	-	-	-	-	-	-	-	-	-	2,257
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(97,063,561)	(864,468)	(691,691)	(622,387)	(574,840)	(577,596)	(621,364)	(634,152)	(675,979)	(647,328)	(686,403)	(776,245)	#####	(105,553,136)
825: Closing Cost of Removal	(5,988,538)	(117,879)	(94,320)	(84,870)	(78,387)	(78,763)	(84,731)	(86,475)	(92,179)	(88,272)	(93,600)	(105,852)	(152,335)	(7,146,201)
Project Net	1,135,115	529,910	(260,260)	(104,394)	(71,622)	4,152	65,929	19,264	63,005	(43,157)	58,860	135,332	(43,545)	1,488,589

Project No: 10001007 **Meter Equipment**
Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date	1/1/2007	<u>County %</u>	Bernalillo	50%	Otero	4%
Estimated Completion Date	12/31/2027		Santa Fe	17%	Luna	2%
			Sandoval	10%	Lincoln	2%
			Valencia	7%	San Miguel	2%
			Grant	4%	Counties less	2%

Description
 This project covers metering equipment purchases for new service, interconnections, maintenance, routine replacement, meter retirement, and instrument transformers. Labor costs are included with new service, interconnection, and instrument transformer work. This project is for Metro Albuquerque, Santa Fe, Las Vegas, Clayton, Deming, Alamogordo, Silver City, Blackwater Station (Clovis) and San Juan Plant. The county percentages were derived from the allocation of meters filed with the New Mexico Taxation and Revenue Department.

Project Need Justification
 This project is necessary to meet requirements listed under the New Mexico Public Regulatory Commission (NMPRC) rules 17.9.560.14, 17.9.570 and the Superseding Application and Stipulation of Case 2124. This project ensures that PNM accurately monitors energy consumption to provide customers with timely and accurate bills.

Project Alternatives
 In order to meet PNM's obligations and to maintain system reliability there is no alternative to purchasing metering equipment.

Project Estimate Approach
 Historical spend was analyzed in this funding project to develop this project's estimated future spend. This blanket's project spend forecast is prepared using the prior 12-month actual spend and adding projected meter purchases. Projected Meter Credits are added quarterly. Labor is increased for estimated yearly raises, and non-labor is increased to accommodate yearly inflation.

Customer Benefit
 PNM customers benefit from this project through ongoing and accurate monitoring of energy consumption and timely and accurate bills.

Primary Value Driver Compliance

Safety Single and three phase solid state meters are used as necessary with remote communication capabilities in addition to current and voltage transformers used to provide safe and accurate monitoring of higher voltage loads. Test switches are installed that can interrupt the flow of current to safely allow testing of equipment on site, and wire, lugs and nuts will be provided to securely connect transformer equipment to metering equipment.

Reliability Metering equipment is utilized to monitor loads at the distribution and transmission levels. This project ensures improved monitoring of the system.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 17, Metering, as filed with the NMPRC and in accordance with NMPRC rules 17.9.560.14 (regarding inspection and tests) , 17.9.570 (relating the governance of cogeneration and small power production) and the Superseding Application and Stipulation of Case 2124.

Environmental

Project No:	10001007 Meter Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	10,056,022	51,927	54,293	98,490	58,926	56,164	98,490	10,474,313
120: Overtime-General	457,807	12,901	9,821	13,423	9,080	9,021	18,802	530,855
350: Material Issues-Major	19,703,616	58,158	58,158	58,158	58,158	58,158	58,158	20,052,562
370: Outside Services	5,725	-	-	-	-	-	-	5,725
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	943,141	4,482	3,412	4,664	3,155	3,134	6,533	968,521
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(171,770)	(5,124)	(3,901)	(5,331)	(3,606)	(3,583)	(7,468)	(200,783)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	786,779	4,908	4,853	8,472	5,148	4,934	8,879	823,973
914: Pension and Benefits	2,626,961	13,951	13,797	24,084	14,635	14,028	25,241	2,732,698
915: Injuries and Damages	784,626	5,549	5,488	9,580	5,821	5,580	10,040	826,685
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,183,787	15,595	15,595	15,595	15,595	15,595	15,595	1,277,357
922: Minor Material Load	89,572	-	-	-	-	-	-	89,572
925: E&S Loads	4,987,509	18,985	18,728	27,109	19,365	18,877	28,268	5,118,841
926: A&G Loads	2,883,590	5,048	4,977	6,920	5,121	5,008	7,207	2,917,871
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(33,124,816)	(115,000)	(130,839)	(163,504)	(165,129)	(164,917)	(377,657)	(34,241,861)
825: Closing Cost of Removal	(10,840,969)	(69,127)	(53,650)	(46,287)	(38,592)	(33,258)	(65,930)	(11,147,812)
Project Net	371,580	2,253	734	51,372	(12,323)	(11,259)	(173,842)	228,514

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	10,474,313	53,582	44,321	98,490	77,693	51,405	98,490	41,927	44,293	98,490	58,926	46,164	98,490	11,286,585
120: Overtime-General	530,855	5,000	20,333	6,055	19,412	7,047	9,156	17,719	12,901	9,821	13,423	9,080	9,021	669,823
350: Material Issues-Major	20,052,562	68,958	68,958	68,958	68,958	68,958	68,958	68,958	68,958	68,958	68,958	68,958	68,958	20,880,055
370: Outside Services	5,725	-	-	-	-	-	-	-	-	-	-	-	-	5,725
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	968,521	7,277	2,167	6,947	2,522	3,276	6,341	4,616	3,514	4,804	3,250	3,228	6,729	1,023,193
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(200,783)	(8,076)	(2,405)	(7,710)	(2,799)	(3,637)	(7,038)	(5,124)	(3,901)	(5,331)	(3,606)	(3,583)	(7,468)	(261,461)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	823,973	4,411	4,868	7,872	7,312	4,401	8,106	4,491	4,307	8,156	5,448	4,160	8,096	895,601
914: Pension and Benefits	2,732,698	13,491	14,890	24,077	22,363	13,461	24,791	13,737	13,172	24,944	16,662	12,723	24,760	2,951,768
915: Injuries and Damages	826,685	5,829	6,433	10,402	9,662	5,816	10,711	5,935	5,691	10,777	7,199	5,497	10,697	921,333
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,277,357	19,547	19,547	19,547	19,547	19,547	19,547	19,547	19,547	19,547	19,547	19,547	19,547	1,511,918
922: Minor Material Load	89,572	-	-	-	-	-	-	-	-	-	-	-	-	89,572
925: E&S Loads	5,118,841	18,233	18,627	25,622	23,911	17,752	26,054	18,099	17,576	25,984	19,994	17,228	26,076	5,373,998
926: A&G Loads	2,917,871	4,840	4,874	6,478	6,052	4,692	6,568	4,783	4,655	6,536	5,190	4,575	6,577	2,983,690
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(34,241,861)	(120,275)	(139,424)	(170,875)	(188,432)	(182,215)	(200,980)	(191,194)	(183,483)	(202,122)	(197,854)	(187,034)	(408,303)	(36,614,052)
825: Closing Cost of Removal	(11,147,812)	(18,855)	(20,656)	(24,402)	(26,433)	(25,342)	(27,738)	(26,294)	(25,169)	(27,662)	(27,047)	(25,549)	(55,738)	(11,478,696)
Project Net	228,514	53,962	42,534	71,462	39,769	(14,838)	42,964	(22,800)	(17,939)	42,903	(9,912)	(25,009)	(192,558)	239,051

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	11,286,585	54,921	45,429	100,953	79,635	52,690	100,953	42,976	45,401	100,953	60,399	47,318	100,953	12,119,164
120: Overtime-General	669,823	5,000	20,333	6,055	19,412	7,047	9,156	17,719	12,901	9,821	13,423	9,080	9,021	808,791
350: Material Issues-Major	20,880,055	96,607	144,982	94,816	150,325	131,753	107,571	136,254	130,677	125,464	173,543	144,900	113,515	22,430,460
370: Outside Services	5,725	-	-	-	-	-	-	-	-	-	-	-	-	5,725
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,023,193	7,495	2,232	7,156	2,598	3,375	6,531	4,755	3,620	4,948	3,347	3,325	6,931	1,079,506
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(261,461)	(8,076)	(2,405)	(7,710)	(2,799)	(3,637)	(7,038)	(5,124)	(3,901)	(5,331)	(3,606)	(3,583)	(7,468)	(322,139)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	895,601	4,512	4,952	8,058	7,458	4,498	8,291	4,570	4,390	8,341	5,559	4,247	8,281	968,759
914: Pension and Benefits	2,951,768	13,800	15,145	24,644	22,811	13,757	25,358	13,978	13,427	25,511	17,001	12,988	25,327	3,175,515
915: Injuries and Damages	921,333	5,962	6,543	10,647	9,855	5,944	10,956	6,039	5,801	11,022	7,345	5,612	10,942	1,018,002
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,511,918	27,384	41,097	26,876	42,611	37,347	30,492	38,623	37,042	35,564	49,192	41,073	32,177	1,951,396
922: Minor Material Load	89,572	-	-	-	-	-	-	-	-	-	-	-	-	89,572
925: E&S Loads	5,373,998	21,654	27,556	29,018	33,591	25,192	30,914	26,023	24,865	32,897	32,271	26,159	31,621	5,715,759
926: A&G Loads	2,983,690	7,135	9,264	9,091	10,961	8,477	9,753	8,774	8,378	10,492	10,906	8,901	10,023	3,095,845
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(36,614,052)	(138,061)	(184,014)	(213,198)	(252,166)	(252,134)	(265,615)	(263,510)	(258,619)	(277,726)	(293,344)	(283,666)	(578,353)	(39,874,458)
825: Closing Cost of Removal	(11,478,696)	(18,837)	(25,100)	(29,077)	(34,389)	(34,384)	(36,222)	(35,934)	(35,267)	(37,872)	(40,002)	(38,682)	(78,867)	(11,923,328)
Project Net	239,051	79,498	106,015	67,328	89,903	(76)	31,100	(4,857)	(11,286)	44,083	36,034	(22,329)	(315,897)	338,568

Project No: 10001207 Pole Replacements

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project covers the costs for repair or replacement of decaying or rotting wood power poles. Pole replacement candidates are identified through routine line patrol inspections as well as during construction or expansion of the distribution system. Other equipment on each pole (e.g., cross-arms and insulators) typically are replaced at the time the pole is replaced.

Project Need Justification
The New Mexico Public Regulation Commission (NMPRC) mandates that PNM keep its electric infrastructure in good repair and safe for customers and personnel. Compromised integrity of wooden pole structures can affect service reliability as well as public safety and the safety of PNM personnel. PNM regularly performs ground line tests on its distribution wood pole infrastructure to ensure the integrity of PNM's distribution system. Wood poles that fail inspection or tests are repaired or replaced. This project covers the labor and material costs associated with the inspection, testing, repair and potential replacement of poles that fail inspection.

Project Alternatives
The alternatives to pole replacement include structurally reinforcing the pole, fumigating the pole and area, or applying an internal void treatment. Routine inspections and testing gauges the relative condition of each pole and identifies the appropriate alternative for either repairing or replacing defective poles.

Project Estimate Approach
The budget for this blanket is estimated by applying escalation factors to historical spend. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend. Poles that support four or more wires are more costly to work than are poles supporting fewer wires. Similarly, angle or corner poles are more expensive to replace than are in-line tangent poles. Location and access to the poles, such as backyard vs. roadside, also affects costs.

Customer Benefit
This project helps maintain the integrity of PNM's overhead distribution system contributing to overall system reliability while also ensuring public safety and PNM personnel safety.

Primary Value Driver Safety

Safety This project helps maintain the integrity of PNM's overhead distribution system ensuring public safety and PNM personnel safety.

Reliability This project helps maintain the integrity of PNM's overhead distribution system which reducing possible outages contributing to overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	10001207 Pole Replacements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	484,885	400	400	400	400	400	400	487,285
120: Overtime-General	68,480	100	100	100	100	100	100	69,080
350: Material Issues-Major	684,472	3,000	3,000	3,000	3,000	3,000	3,000	702,472
370: Outside Services	3,251,735	12,500	12,500	12,500	12,500	12,500	12,500	3,326,735
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	67,482	-	-	-	-	-	-	67,482
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	172,838	-	-	-	-	-	-	172,838
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,974)	-	-	-	-	-	-	(3,974)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	39,935	38	38	38	38	38	38	40,162
914: Pension and Benefits	150,900	108	108	108	108	108	108	151,546
915: Injuries and Damages	41,199	43	43	43	43	43	43	41,456
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	94,574	804	804	804	804	804	804	99,401
922: Minor Material Load	50,619	-	-	-	-	-	-	50,619
925: E&S Loads	687,658	2,024	2,024	2,024	2,024	2,024	2,024	699,799
926: A&G Loads	330,872	634	634	634	634	634	634	334,674
928: AFUDC Debt	64,077	22	44	65	84	102	119	64,513
929: AFUDC Equity	77,730	53	106	156	202	245	286	78,777
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,342,615)	(1,703)	(2,805)	(3,834)	(4,796)	(5,695)	(6,535)	(5,367,983)
825: Closing Cost of Removal	(691,776)	(15,714)	(14,779)	(13,910)	(13,101)	(12,349)	(11,650)	(773,280)
Project Net	229,092	2,308	2,216	2,126	2,038	1,953	1,869	241,602

Project No:	10001207 Pole Replacements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	487,285	400	400	400	400	400	400	400	400	400	400	400	400	492,085
120: Overtime-General	69,080	100	100	100	100	100	100	100	100	100	100	100	100	70,280
350: Material Issues-Major	702,472	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	738,472
370: Outside Services	3,326,735	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	3,466,735
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	67,482	201	201	201	127	82	91	166	204	164	238	328	227	69,713
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	172,838	-	-	-	-	-	-	-	-	-	-	-	-	172,838
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,974)	-	-	-	-	-	-	-	-	-	-	-	-	(3,974)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	40,162	38	38	38	38	38	38	38	38	38	38	38	38	40,614
914: Pension and Benefits	151,546	115	115	115	115	115	115	115	115	115	115	115	115	152,927
915: Injuries and Damages	41,456	50	50	50	50	50	50	50	50	50	50	50	50	42,053
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	99,401	850	850	850	850	850	850	850	850	850	850	850	850	109,605
922: Minor Material Load	50,619	-	-	-	-	-	-	-	-	-	-	-	-	50,619
925: E&S Loads	699,799	1,791	1,791	1,791	1,782	1,777	1,778	1,787	1,791	1,786	1,795	1,805	1,794	721,265
926: A&G Loads	334,674	552	552	552	549	547	548	550	552	550	553	556	553	341,288
928: AFUDC Debt	64,513	202	223	242	260	277	292	307	320	333	345	357	367	68,039
929: AFUDC Equity	78,777	258	284	309	332	353	373	391	409	425	441	455	469	83,275
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,367,983)	(7,266)	(7,948)	(8,586)	(9,177)	(9,726)	(10,240)	(10,725)	(11,182)	(11,605)	(12,006)	(12,387)	(12,737)	(5,491,569)
825: Closing Cost of Removal	(773,280)	(10,992)	(10,380)	(9,811)	(9,281)	(8,788)	(8,329)	(7,904)	(7,508)	(7,140)	(6,798)	(6,481)	(6,185)	(872,877)
Project Net	241,602	965	941	916	811	741	732	791	806	734	787	853	708	251,387

Project No:	10001207 Pole Replacements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	492,085	400	400	400	400	400	400	400	400	400	400	400	400	496,885
120: Overtime-General	70,280	100	100	100	100	100	100	100	100	100	100	100	100	71,480
350: Material Issues-Major	738,472	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	774,472
370: Outside Services	3,466,735	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	11,667	3,606,735
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	69,713	204	204	204	129	83	93	168	207	167	242	333	231	71,976
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	172,838	-	-	-	-	-	-	-	-	-	-	-	-	172,838
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,974)	-	-	-	-	-	-	-	-	-	-	-	-	(3,974)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	40,614	38	38	38	38	38	38	38	38	38	38	38	38	41,066
914: Pension and Benefits	152,927	115	115	115	115	115	115	115	115	115	115	115	115	154,309
915: Injuries and Damages	42,053	50	50	50	50	50	50	50	50	50	50	50	50	42,650
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	109,605	850	850	850	850	850	850	850	850	850	850	850	850	119,810
922: Minor Material Load	50,619	-	-	-	-	-	-	-	-	-	-	-	-	50,619
925: E&S Loads	721,265	1,791	1,791	1,791	1,782	1,777	1,778	1,787	1,791	1,787	1,795	1,806	1,794	742,735
926: A&G Loads	341,288	669	669	669	665	663	664	667	669	667	670	674	670	349,303
928: AFUDC Debt	68,039	319	327	334	341	348	353	359	364	369	374	378	383	72,289
929: AFUDC Equity	83,275	553	567	580	592	602	613	622	631	640	648	656	663	90,642
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,491,569)	(13,069)	(13,380)	(13,671)	(13,937)	(14,182)	(14,412)	(14,633)	(14,842)	(15,034)	(15,219)	(15,399)	(15,559)	(5,664,906)
825: Closing Cost of Removal	(872,877)	(5,911)	(5,656)	(5,418)	(5,197)	(4,991)	(4,799)	(4,621)	(4,456)	(4,303)	(4,160)	(4,029)	(3,906)	(930,323)
Project Net	251,387	775	741	708	596	520	509	569	584	513	569	640	495	258,605

Project No: 10001307 Cable Replacement
Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information County % Bernalillo 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project provides for replacement of underground distribution cable that has suffered chronic failures causing multiple outages over a short period of time.

Project Need Justification

Chronic failures of these cables affect the distribution system and negatively impact system reliability and customer satisfaction.

Project Alternatives

There are limited alternatives to replacing failed power cables. One alternative entails repairing failed sections of cable versus replacement. Repairs typically involve cutting out a failed section and splicing in a new piece of cable. Repairs are made on segments that have experienced fewer than two previous repairs to that section. Another alternative involves injecting a substance into the conduit to improve the integrity of insulation materials and extend the life of the cable. This technique has shortcomings as it does not address potential problems with cable splices made during installation or where terminating equipment is installed. These alternatives often do not correct the root cause of the failure and subsequent outages occur.

Project Estimate Approach

Annual project cost estimates are based on actual spend of the most recent 12-months. Labor and non-labor escalators are applied to the base year using standard procedures to develop the total project estimate.

Customer Benefit

Customers benefit from increased system reliability provided by the new cables.

Primary Value Driver Reliability

Safety

Reliability Replacing cables that suffer from chronic failures will increase system reliability and customer satisfaction.

System Performance

Security

Compliance

Environmental

Project No:	10001307 Cable Replacement							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,402,540	-	-	-	-	-	-	1,402,540
120: Overtime-General	292,110	-	-	-	-	-	-	292,110
350: Material Issues-Major	3,560,466	-	-	-	-	-	-	3,560,466
370: Outside Services	12,015,529	-	-	-	-	-	-	12,015,529
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,213	-	-	-	-	-	-	4,213
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	519,546	-	-	-	-	-	-	519,546
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(24,786)	-	-	-	-	-	-	(24,786)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	127,577	-	-	-	-	-	-	127,577
914: Pension and Benefits	454,466	-	-	-	-	-	-	454,466
915: Injuries and Damages	123,378	-	-	-	-	-	-	123,378
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	612,321	-	-	-	-	-	-	612,321
922: Minor Material Load	325,965	-	-	-	-	-	-	325,965
925: E&S Loads	2,778,068	-	-	-	-	-	-	2,778,068
926: A&G Loads	1,151,232	-	-	-	-	-	-	1,151,232
928: AFUDC Debt	260,884	388	351	317	287	260	235	262,722
929: AFUDC Equity	272,022	932	843	762	689	623	564	276,434
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(22,140,862)	(27,704)	(25,053)	(22,655)	(20,487)	(18,527)	(16,754)	(22,272,042)
825: Closing Cost of Removal	(1,449,555)	(939)	(846)	(761)	(685)	(616)	(555)	(1,453,958)
Project Net	285,112	(27,323)	(24,705)	(22,337)	(20,196)	(18,261)	(16,511)	155,780

Project No:	10001307 Cable Replacement													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,402,540	-	-	-	-	-	-	-	-	-	-	-	-	1,402,540
120: Overtime-General	292,110	-	-	-	-	-	-	-	-	-	-	-	-	292,110
350: Material Issues-Major	3,560,466	-	-	-	-	-	-	-	-	-	-	-	-	3,560,466
370: Outside Services	12,015,529	-	-	-	-	-	-	-	-	-	-	-	-	12,015,529
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,213	-	-	-	-	-	-	-	-	-	-	-	-	4,213
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	519,546	-	-	-	-	-	-	-	-	-	-	-	-	519,546
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(24,786)	-	-	-	-	-	-	-	-	-	-	-	-	(24,786)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	127,577	-	-	-	-	-	-	-	-	-	-	-	-	127,577
914: Pension and Benefits	454,466	-	-	-	-	-	-	-	-	-	-	-	-	454,466
915: Injuries and Damages	123,378	-	-	-	-	-	-	-	-	-	-	-	-	123,378
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	612,321	-	-	-	-	-	-	-	-	-	-	-	-	612,321
922: Minor Material Load	325,965	-	-	-	-	-	-	-	-	-	-	-	-	325,965
925: E&S Loads	2,778,068	-	-	-	-	-	-	-	-	-	-	-	-	2,778,068
926: A&G Loads	1,151,232	-	-	-	-	-	-	-	-	-	-	-	-	1,151,232
928: AFUDC Debt	262,722	320	289	261	236	214	193	175	158	143	129	117	106	265,064
929: AFUDC Equity	276,434	408	369	334	302	273	247	223	202	182	165	149	135	279,421
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(22,272,042)	(15,151)	(13,702)	(12,391)	(11,206)	(10,134)	(9,165)	(8,288)	(7,495)	(6,778)	(6,130)	(5,543)	(5,013)	(22,383,040)
825: Closing Cost of Removal	(1,453,958)	(499)	(449)	(404)	(364)	(328)	(295)	(265)	(239)	(215)	(193)	(174)	(157)	(1,457,540)
Project Net	155,780	(14,923)	(13,494)	(12,201)	(11,032)	(9,975)	(9,019)	(8,155)	(7,374)	(6,668)	(6,029)	(5,451)	(4,929)	46,529

Project No:	10001307 Cable Replacement													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,402,540	-	-	-	-	-	-	-	-	-	-	-	-	1,402,540
120: Overtime-General	292,110	-	-	-	-	-	-	-	-	-	-	-	-	292,110
350: Material Issues-Major	3,560,466	-	-	-	-	-	-	-	-	-	-	-	-	3,560,466
370: Outside Services	12,015,529	-	-	-	-	-	-	-	-	-	-	-	-	12,015,529
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,213	-	-	-	-	-	-	-	-	-	-	-	-	4,213
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	519,546	-	-	-	-	-	-	-	-	-	-	-	-	519,546
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(24,786)	-	-	-	-	-	-	-	-	-	-	-	-	(24,786)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	127,577	-	-	-	-	-	-	-	-	-	-	-	-	127,577
914: Pension and Benefits	454,466	-	-	-	-	-	-	-	-	-	-	-	-	454,466
915: Injuries and Damages	123,378	-	-	-	-	-	-	-	-	-	-	-	-	123,378
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	612,321	-	-	-	-	-	-	-	-	-	-	-	-	612,321
922: Minor Material Load	325,965	-	-	-	-	-	-	-	-	-	-	-	-	325,965
925: E&S Loads	2,778,068	-	-	-	-	-	-	-	-	-	-	-	-	2,778,068
926: A&G Loads	1,151,232	-	-	-	-	-	-	-	-	-	-	-	-	1,151,232
928: AFUDC Debt	265,064	81	73	66	60	54	49	44	40	36	33	30	27	265,657
929: AFUDC Equity	279,421	140	127	115	104	94	85	77	69	63	57	51	46	280,448
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(22,383,040)	(4,534)	(4,101)	(3,709)	(3,354)	(3,033)	(2,744)	(2,481)	(2,244)	(2,030)	(1,836)	(1,660)	(1,501)	(22,416,266)
825: Closing Cost of Removal	(1,457,540)	(141)	(127)	(114)	(103)	(93)	(83)	(75)	(67)	(61)	(55)	(49)	(44)	(1,458,552)
Project Net	46,529	(4,454)	(4,028)	(3,642)	(3,293)	(2,978)	(2,693)	(2,435)	(2,202)	(1,991)	(1,801)	(1,628)	(1,472)	13,911

Project No: 10001617 Voltage Cont Cap Upgrade to Two Way

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Total System 100%

Estimated Start Date 1/1/2017

Estimated Completion Date 7/1/2022

Description

This project will provide two-way communications to all of PNM's voltage controlled capacitor banks so that the open/close operation data can be retrieved remotely and stored in PNM's Volt Var Management System (VVMS). This project will require an internal team of Communications and Distribution Planning experts to evaluate both the existing voltage controller's ability to utilize two-way communications and new capacitor bank voltage controllers with remote communications capability. Once a voltage controller option is selected, the project will include either upgrading or replacing approximately 45 capacitor bank voltage controllers.

The open/close capacitor bank operations data will be retrieved from VVMS and used by Distribution Planning to develop distribution circuit models that are used for analyzing a particular distribution circuit. This ability to retrieve and store the capacitor bank operations data becomes increasingly important when solar photovoltaic (PV) systems are connected to a distribution circuit. PV systems can interfere with capacitor bank operations and cause localized voltage issues on the distribution circuit. Distribution Planning is unable to develop distribution circuit models that reflect the actual open/close status of the capacitor banks without the capacitor open/close data. The development of accurate models is pertinent to Distribution Planning's ability to properly analyze distribution system performance anomalies.

Project Need Justification

The development of accurate models is pertinent to Distribution Planning's ability to properly analyze distribution system performance anomalies. This ability to retrieve and store the capacitor bank operations data becomes increasingly important when solar photovoltaic (PV) systems are connected to a distribution circuit. PV systems can interfere with capacitor bank operations and cause localized voltage issues on the distribution circuit.

Project Alternatives

A do nothing alternative was considered but dismissed because doing nothing would leave the existing voltage controllers in operation without the proper communications equipment. Distribution Planning would continue to be unable to accurately develop distribution circuit models and therefore continue to be unable to properly analyze distribution system performance anomalies. This will degrade PNM's service reliability/quality, especially those customers physically located near large PV facilities.

Project Estimate Approach

Estimate was derived using compiled materials data and estimated labor of internal resources to program the new controllers that provide two-way communications.

Customer Benefit

Provides customers with increased reliability as PV is connected to PNM systems.

Primary Value Driver Reliability

Safety

Reliability Provides vital communication on distribution for system modeling to provide increased reliability for customers

System Performance Provides vital communication on distribution for system modeling to provide increased reliability for customers

Security

Compliance

Environmental

Project No:	10001617 Voltage Cont Cap Upgrade to Two Way							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	50,434	-	-	-	-	-	-	50,434
120: Overtime-General	1,554	-	-	-	-	-	-	1,554
350: Material Issues-Major	66,785	-	-	-	-	-	-	66,785
370: Outside Services	24,768	-	-	-	-	-	-	24,768
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	17,977	-	-	-	-	-	-	17,977
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,008	-	-	-	-	-	-	4,008
914: Pension and Benefits	13,673	-	-	-	-	-	-	13,673
915: Injuries and Damages	3,810	-	-	-	-	-	-	3,810
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	18,293	-	-	-	-	-	-	18,293
922: Minor Material Load	13,446	-	-	-	-	-	-	13,446
925: E&S Loads	23,572	-	-	-	-	-	-	23,572
926: A&G Loads	10,334	-	-	-	-	-	-	10,334
928: AFUDC Debt	6,678	93	-	-	-	-	-	6,771
929: AFUDC Equity	14,052	224	-	-	-	-	-	14,277
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(184,492)	(66,527)	-	-	-	-	-	(251,018)
825: Closing Cost of Removal	(18,406)	(276)	-	-	-	-	-	(18,683)
Project Net	66,485	(66,485)	-	-	-	-	-	-

Project No:	10001617 Voltage Cont Cap Upgrade to Two Way													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	50,434	-	-	-	-	-	-	-	-	-	-	-	-	50,434
120: Overtime-General	1,554	-	-	-	-	-	-	-	-	-	-	-	-	1,554
350: Material Issues-Major	66,785	-	-	-	-	-	-	-	-	-	-	-	-	66,785
370: Outside Services	24,768	-	-	-	-	-	-	-	-	-	-	-	-	24,768
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	17,977	-	-	-	-	-	-	-	-	-	-	-	-	17,977
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,008	-	-	-	-	-	-	-	-	-	-	-	-	4,008
914: Pension and Benefits	13,673	-	-	-	-	-	-	-	-	-	-	-	-	13,673
915: Injuries and Damages	3,810	-	-	-	-	-	-	-	-	-	-	-	-	3,810
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	18,293	-	-	-	-	-	-	-	-	-	-	-	-	18,293
922: Minor Material Load	13,446	-	-	-	-	-	-	-	-	-	-	-	-	13,446
925: E&S Loads	23,572	-	-	-	-	-	-	-	-	-	-	-	-	23,572
926: A&G Loads	10,334	-	-	-	-	-	-	-	-	-	-	-	-	10,334
928: AFUDC Debt	6,771	-	-	-	-	-	-	-	-	-	-	-	-	6,771
929: AFUDC Equity	14,277	-	-	-	-	-	-	-	-	-	-	-	-	14,277
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(251,018)	-	-	-	-	-	-	-	-	-	-	-	-	(251,018)
825: Closing Cost of Removal	(18,683)	-	-	-	-	-	-	-	-	-	-	-	-	(18,683)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	10001617 Voltage Cont Cap Upgrade to Two Way													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	50,434	-	-	-	-	-	-	-	-	-	-	-	-	50,434
120: Overtime-General	1,554	-	-	-	-	-	-	-	-	-	-	-	-	1,554
350: Material Issues-Major	66,785	-	-	-	-	-	-	-	-	-	-	-	-	66,785
370: Outside Services	24,768	-	-	-	-	-	-	-	-	-	-	-	-	24,768
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	17,977	-	-	-	-	-	-	-	-	-	-	-	-	17,977
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,008	-	-	-	-	-	-	-	-	-	-	-	-	4,008
914: Pension and Benefits	13,673	-	-	-	-	-	-	-	-	-	-	-	-	13,673
915: Injuries and Damages	3,810	-	-	-	-	-	-	-	-	-	-	-	-	3,810
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	18,293	-	-	-	-	-	-	-	-	-	-	-	-	18,293
922: Minor Material Load	13,446	-	-	-	-	-	-	-	-	-	-	-	-	13,446
925: E&S Loads	23,572	-	-	-	-	-	-	-	-	-	-	-	-	23,572
926: A&G Loads	10,334	-	-	-	-	-	-	-	-	-	-	-	-	10,334
928: AFUDC Debt	6,771	-	-	-	-	-	-	-	-	-	-	-	-	6,771
929: AFUDC Equity	14,277	-	-	-	-	-	-	-	-	-	-	-	-	14,277
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(251,018)	-	-	-	-	-	-	-	-	-	-	-	-	(251,018)
825: Closing Cost of Removal	(18,683)	-	-	-	-	-	-	-	-	-	-	-	-	(18,683)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10001621 Voltage Contr Cap Upgr-Phase II/III

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Total System 100%

Estimated Start Date 2/1/2021

Estimated Completion Date 12/31/2023

Description
This project will provide two-way communications to all of PNM's voltage controlled capacitor banks so that the open/close operation data can be retrieved remotely and stored in PNM's Volt Var Management System (VVMS).

Project Need Justification
The open/close capacitor bank operations data will be retrieved from VVMS and used by Distribution Planning to develop models for analyzing a particular distribution circuit. Capacitor bank operations data becomes increasingly important when solar photovoltaics (PV) systems are connected to a distribution circuit because PV systems can interfere with capacitor bank operations and cause localized voltage issues on that circuit. Distribution Planning is unable to develop distribution circuit models that reflect the actual open/close status of the capacitor banks without the capacitor open/close data. The development of accurate models is essential to Distribution Planning's ability to properly analyze distribution system performance anomalies.

Project Alternatives
A do-nothing alternative was considered but dismissed because doing nothing would leave the existing voltage controllers in operation without the proper communications equipment. Distribution Planning would be unable to develop accurate models or to analyze distribution system performance anomalies. This would jeopardize PNM's distribution system performance, service reliability, and power quality, especially to those customers physically located near large PV facilities.

Project Estimate Approach
Estimate was derived using compiled materials data and estimated labor of internal resources to program the new controllers that provide two-way communications.

Customer Benefit
Customers benefit from this project from stable voltages and improved performance on PNM's distribution system, especially those customers located geographically near large PV arrays.

Primary Value Driver System Performance

Safety

Reliability

System Performance This project will provide two-way communications to all of PNM's voltage controlled capacitor banks improving system performance and allowing the development of more accurate distribution circuit models.

Security

Compliance

Environmental

Project No:	10001621 Voltage Contr Cap Upgr-Phase II/III							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	-	10,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	260,000	-	-	-	-	-	-	-	-	-	-	260,000
370: Outside Services	-	-	10,000	20,000	40,000	40,000	40,000	40,000	39,863	30,000	29,500	19,557	10,000	318,920
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	75	75	75	75	75	75	75	75	75	75	-	753
914: Pension and Benefits	-	-	230	230	230	230	230	230	230	230	230	230	-	2,303
915: Injuries and Damages	-	-	100	100	100	100	100	100	100	100	100	100	-	995
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	73,700	-	-	-	-	-	-	-	-	-	-	73,700
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	31,212	2,462	4,762	4,762	4,762	4,762	4,746	3,612	3,554	2,411	1,150	68,192
926: A&G Loads	-	-	9,729	754	1,472	1,472	1,472	1,472	1,467	1,113	1,095	738	359	21,142
928: AFUDC Debt	-	-	361	747	818	911	1,005	1,099	1,193	1,277	1,087	923	771	10,192
929: AFUDC Equity	-	-	461	953	1,044	1,163	1,282	1,402	1,522	1,629	1,387	1,177	983	13,002
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	(123,903)	(105,875)	(89,364)	(369,336)	(688,478)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	(16,436)	(14,002)	(11,780)	(48,502)	(90,721)
Project Net	-	-	386,867	26,321	49,501	49,712	49,925	50,139	50,196	(101,304)	(81,849)	(74,933)	(404,576)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	10,000	-	-	-	-	-	-	-	-	-	-	-	-	10,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	260,000	-	-	-	-	-	-	-	-	-	-	-	-	260,000
370: Outside Services	318,920	-	-	-	-	-	-	-	-	-	-	-	-	318,920
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	753	-	-	-	-	-	-	-	-	-	-	-	-	753
914: Pension and Benefits	2,303	-	-	-	-	-	-	-	-	-	-	-	-	2,303
915: Injuries and Damages	995	-	-	-	-	-	-	-	-	-	-	-	-	995
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	73,700	-	-	-	-	-	-	-	-	-	-	-	-	73,700
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	68,192	-	-	-	-	-	-	-	-	-	-	-	-	68,192
926: A&G Loads	21,142	-	-	-	-	-	-	-	-	-	-	-	-	21,142
928: AFUDC Debt	10,192	-	-	-	-	-	-	-	-	-	-	-	-	10,192
929: AFUDC Equity	13,002	-	-	-	-	-	-	-	-	-	-	-	-	13,002
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(688,478)	-	-	-	-	-	-	-	-	-	-	-	-	(688,478)
825: Closing Cost of Removal	(90,721)	-	-	-	-	-	-	-	-	-	-	-	-	(90,721)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10001640 PCI Upgrade/NTX Backup

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 4/1/2020

Estimated Completion Date 8/1/2022

Description County % Bernalillo 100%
The open/close capacitor bank operations data will be retrieved from VVMS and used by Distribution Planning to develop distribution circuit models that are used for analyzing a particular distribution circuit. This ability to retrieve and store the capacitor bank operations data becomes increasingly important when solar photovoltaic (PV) systems are connected to a distribution circuit. PV systems can interfere with capacitor bank operations and cause localized voltage issues on the distribution circuit. Distribution Planning is unable to develop distribution circuit models that reflect the actual open/close status of the capacitor banks without the capacitor open/close data. The development of accurate models is pertinent to Distribution Planning's ability to properly analyze distribution system performance anomalies.

Project Need Justification The existing PCI is at full capacity and will not allow support of additional SCADA enabled devices or stations. With more SCADA devices, PNM can retrieve real-time data from the field which decreases outages and increases restoration time by controlling devices remotely.

Project Alternatives The only other alternative considered would be to replace the entire SCADA system. Replacing the entire system would require the replacement of many additional devices, and that is not a cost effective solution.

Project Estimate Approach Not required for projects with less than \$250,000 of expenditures.

Customer Benefit The customer will benefit from this upgrade through reduced outage times and better system performance. Remote monitoring and operation of devices reduces restoration times and allows for faster diagnostics of system issues.

Primary Value Driver Reliability

Safety

Reliability The primary value driver is increased reliability which is provided by the capability to remotely diagnose and restore service without the need to dispatch a service tech to the site when faults occur on the system.

System Performance

Security

Compliance

Environmental

Project No:	10001640 PCI Upgrade/NTX Backup							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	4,953	-	-	-	-	-	-	4,953
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	116,031	-	-	-	-	-	-	116,031
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,129	-	-	-	-	-	-	1,129
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	373	-	-	-	-	-	-	373
914: Pension and Benefits	1,153	-	-	-	-	-	-	1,153
915: Injuries and Damages	406	-	-	-	-	-	-	406
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,152	-	-	-	-	-	-	3,152
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	12,332	-	-	-	-	-	-	12,332
926: A&G Loads	6,220	-	-	-	-	-	-	6,220
928: AFUDC Debt	3,916	228	229	-	-	-	-	4,374
929: AFUDC Equity	12,080	548	551	-	-	-	-	13,179
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(163,303)	-	-	-	-	(163,303)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	161,746	777	(162,523)	-	-	-	-	-

Project No:	10001640 PCI Upgrade/NTX Backup													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	4,953	-	-	-	-	-	-	-	-	-	-	-	-	4,953
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	116,031	-	-	-	-	-	-	-	-	-	-	-	-	116,031
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,129	-	-	-	-	-	-	-	-	-	-	-	-	1,129
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	373	-	-	-	-	-	-	-	-	-	-	-	-	373
914: Pension and Benefits	1,153	-	-	-	-	-	-	-	-	-	-	-	-	1,153
915: Injuries and Damages	406	-	-	-	-	-	-	-	-	-	-	-	-	406
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,152	-	-	-	-	-	-	-	-	-	-	-	-	3,152
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	12,332	-	-	-	-	-	-	-	-	-	-	-	-	12,332
926: A&G Loads	6,220	-	-	-	-	-	-	-	-	-	-	-	-	6,220
928: AFUDC Debt	4,374	-	-	-	-	-	-	-	-	-	-	-	-	4,374
929: AFUDC Equity	13,179	-	-	-	-	-	-	-	-	-	-	-	-	13,179
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(163,303)	-	-	-	-	-	-	-	-	-	-	-	-	(163,303)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	10001640 PCI Upgrade/NTX Backup													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	4,953	-	-	-	-	-	-	-	-	-	-	-	-	4,953
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	116,031	-	-	-	-	-	-	-	-	-	-	-	-	116,031
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,129	-	-	-	-	-	-	-	-	-	-	-	-	1,129
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	373	-	-	-	-	-	-	-	-	-	-	-	-	373
914: Pension and Benefits	1,153	-	-	-	-	-	-	-	-	-	-	-	-	1,153
915: Injuries and Damages	406	-	-	-	-	-	-	-	-	-	-	-	-	406
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,152	-	-	-	-	-	-	-	-	-	-	-	-	3,152
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	12,332	-	-	-	-	-	-	-	-	-	-	-	-	12,332
926: A&G Loads	6,220	-	-	-	-	-	-	-	-	-	-	-	-	6,220
928: AFUDC Debt	4,374	-	-	-	-	-	-	-	-	-	-	-	-	4,374
929: AFUDC Equity	13,179	-	-	-	-	-	-	-	-	-	-	-	-	13,179
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(163,303)	-	-	-	-	-	-	-	-	-	-	-	-	(163,303)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10001707 Albuquerque Pure Project
Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 12/3/2013
Estimated Completion Date 12/31/2027

Description
 This project involves the replacement of damaged or obsolete equipment in PNM's distribution system. The specific equipment to be replaced may include lightning arrestors, cross-arms, cut-outs, capacitors, and insulators. The project includes costs for internal labor, equipment, materials, transportation, and contractors if they are needed.

Project Need Justification
 Replacing damaged or obsolete equipment in the distribution system ensures that PNM maintains reliable service while reducing hazardous conditions, which improves safety for PNM personnel, customers, and the public. New Mexico Public Regulation Commission (NMPRC) Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines the requirements for following electrical and safety standards (National Electric Safety Code), minimizing interruption of service, and protective safety measures. Work needed for repairing and replacing aging distribution components is identified during routine inspections, line patrols, as well as responding to outages.

Project Alternatives
 No alternatives are available for this project, as replacing damaged/obsolete equipment is necessary to ensure system reliability and minimize hazardous risks to PNM personnel, customers, and the public. Projects are created based on equipment conditions as determined from inspections, line patrols, and outage records.

Project Estimate Approach
 PNM maintains detailed historical records of equipment replacement activities. These records allow PNM to estimate typical future annual replacement projections and needs. This project estimate is established by analyzing the most recent 12-month actual spend to estimate costs for the forecast period.

Customer Benefit
 Replacing damaged and obsolete equipment increases reliability of PNM's distribution system while also improving safety conditions for PNM personnel, customers, and the public.

Primary Value Driver Reliability
Safety Replacing damaged or obsolete distribution components reduces PNM personnel, customer, and public exposure to possible hazards and increases the overall safety of the distribution system.
Reliability Replacing damaged or obsolete distribution components reduces outages and increases overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	10001707 Albuquerque Pure Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,134,897	5,098	5,098	5,098	5,098	5,098	5,098	1,165,486
120: Overtime-General	1,155,871	-	-	-	-	-	-	1,155,871
350: Material Issues-Major	1,973,584	20,393	12,000	10,196	10,196	9,177	9,000	2,044,545
370: Outside Services	21,533,977	200,000	200,000	200,000	200,000	200,000	200,000	22,733,977
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,587	-	-	-	-	-	-	7,587
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	877,053	-	-	-	-	-	-	877,053
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	170,649	386	386	386	386	386	386	172,965
914: Pension and Benefits	582,436	1,097	1,097	1,097	1,097	1,097	1,097	589,019
915: Injuries and Damages	163,070	436	436	436	436	436	436	165,689
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	371,451	5,468	3,218	2,734	2,734	2,461	2,413	390,480
922: Minor Material Load	148,513	-	-	-	-	-	-	148,513
925: E&S Loads	3,652,826	28,426	27,377	27,152	27,152	27,024	27,002	3,816,959
926: A&G Loads	1,703,354	8,929	8,597	8,526	8,526	8,485	8,478	1,754,896
928: AFUDC Debt	26,741	-	-	-	-	-	-	26,741
929: AFUDC Equity	75,665	-	-	-	-	-	-	75,665
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(28,891,967)	(1,199,505)	-	-	(1,501,304)	-	(657,946)	(32,250,723)
825: Closing Cost of Removal	(2,320,384)	(118,274)	-	-	(168,488)	-	(82,473)	(2,689,618)
Project Net	2,365,324	(1,047,545)	258,210	255,625	(1,414,166)	254,165	(486,508)	185,105

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,165,486	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	1,227,405
120: Overtime-General	1,155,871	1,032	1,032	1,032	1,032	1,032	1,032	-	-	-	-	-	-	1,161,031
350: Material Issues-Major	2,044,545	20,640	20,640	10,320	20,640	20,320	20,319	20,640	20,319	20,640	20,640	20,640	12,639	2,272,940
370: Outside Services	22,733,977	130,960	192,879	192,879	192,879	165,118	192,879	192,879	182,559	231,599	205,300	210,719	184,712	25,009,336
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,587	-	-	-	-	-	-	-	-	-	-	-	-	7,587
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	877,053	1,909	1,032	1,032	1,032	1,032	-	-	-	-	-	-	-	883,090
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	172,965	466	466	466	466	466	389	389	389	389	389	389	389	178,016
914: Pension and Benefits	589,019	1,426	1,426	1,426	1,426	1,426	1,188	1,188	1,188	1,188	1,188	1,188	1,188	604,467
915: Injuries and Damages	165,689	616	616	616	616	616	513	513	513	513	513	513	513	172,363
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	390,480	5,851	5,851	2,925	5,851	5,760	5,760	5,851	5,760	5,851	5,851	5,851	3,583	455,220
922: Minor Material Load	148,513	-	-	-	-	-	-	-	-	-	-	-	-	148,513
925: E&S Loads	3,816,959	18,654	25,674	24,487	25,674	22,445	25,352	25,388	24,165	29,841	26,817	27,440	23,529	4,116,424
926: A&G Loads	1,754,896	5,733	7,925	7,554	7,925	6,917	7,839	7,851	7,469	9,241	8,296	8,491	7,270	1,847,405
928: AFUDC Debt	26,741	-	-	-	-	-	-	-	-	-	-	-	-	26,741
929: AFUDC Equity	75,665	-	-	-	-	-	-	-	-	-	-	-	-	75,665
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(32,250,723)	(66,768)	(99,649)	(123,349)	(144,915)	(156,463)	(170,824)	(182,395)	(189,479)	(205,162)	(212,380)	(219,253)	(869,854)	(34,891,214)
825: Closing Cost of Removal	(2,689,618)	(8,742)	(13,299)	(16,588)	(19,576)	(21,187)	(23,176)	(24,777)	(25,762)	(27,916)	(28,912)	(29,859)	(118,492)	(3,047,905)
Project Net	185,105	116,936	149,751	107,959	98,209	52,640	65,398	52,687	32,280	71,344	32,861	31,278	(749,362)	247,086

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,227,405	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	5,263	1,290,563
120: Overtime-General	1,161,031	1,053	1,053	1,053	1,053	1,053	1,053	-	-	-	-	-	-	1,166,294
350: Material Issues-Major	2,272,940	1,053	21,053	10,526	21,053	10,526	10,526	6,316	10,526	2,105	10,526	9,474	7,368	2,393,992
370: Outside Services	25,009,336	210,000	210,000	210,000	200,000	217,000	217,000	217,000	190,000	190,000	190,000	190,000	190,000	27,440,336
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,587	-	-	-	-	-	-	-	-	-	-	-	-	7,587
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	883,090	1,947	1,053	1,053	1,053	1,053	-	-	-	-	-	-	-	889,248
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	178,016	476	476	476	476	476	396	396	396	396	396	396	396	183,168
914: Pension and Benefits	604,467	1,455	1,455	1,455	1,455	1,455	1,212	1,212	1,212	1,212	1,212	1,212	1,212	620,224
915: Injuries and Damages	172,363	628	628	628	628	628	524	524	524	524	524	524	524	179,171
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	455,220	298	5,968	2,984	5,968	2,984	2,984	1,790	2,984	597	2,984	2,685	2,089	489,534
922: Minor Material Load	148,513	-	-	-	-	-	-	-	-	-	-	-	-	148,513
925: E&S Loads	4,116,424	25,516	27,713	26,502	26,563	27,307	27,016	26,532	23,911	22,943	23,911	23,790	23,548	4,421,674
926: A&G Loads	1,847,405	9,540	10,371	9,913	9,936	10,218	10,126	9,943	8,952	8,586	8,952	8,906	8,814	1,961,664
928: AFUDC Debt	26,741	-	-	-	-	-	-	-	-	-	-	-	-	26,741
929: AFUDC Equity	75,665	-	-	-	-	-	-	-	-	-	-	-	-	75,665
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(34,891,214)	(88,765)	(121,177)	(144,436)	(163,675)	(179,861)	(192,298)	(201,178)	(203,845)	(203,842)	(205,977)	(207,418)	(832,144)	(37,635,831)
825: Closing Cost of Removal	(3,047,905)	(12,098)	(16,519)	(19,692)	(22,316)	(24,524)	(26,220)	(27,432)	(27,796)	(27,796)	(28,087)	(28,284)	(113,472)	(3,422,140)
Project Net	247,086	156,365	147,334	105,725	87,455	73,576	56,530	40,367	12,127	(13)	9,704	6,549	(706,401)	236,404

Project No: 10001720 **Manhole Replacement**

Company: 001 Electric Services
 Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 85%
 Santa Fe 15%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2024

Description
 This project replaces existing underground vault manhole covers to explosion proof manhole covers.

Project Need Justification
 The new explosion proof manhole covers vent gases in the event of an electrical explosion to prevent the cover from becoming dislodged or blown off, improving safety conditions for PNM personnel and the general public.

Project Alternatives
 The only alternative is to do nothing and leave the existing manhole covers in place. This alternative was not considered since doing nothing decreases public safety around manhole covers. In the event of an electrical explosion, the cover could become dislodged or blown off, casing potentially causing harm and damage.

Project Estimate Approach
 Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
 Customers benefit from the increased public safety around manhole covers in the event of an electrical explosion.

Primary Value Driver Safety

Safety Installing explosion proof manhole covers increases general public safety around manhole covers in the event of an electrical explosion.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	10001720 Manhole Replacement							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	5,000	5,000	2,000	10,000	-	-	-	-	-	-	-	22,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	30,000	1,250	-	-	-	-	-	-	-	31,250
370: Outside Services	-	-	-	-	10,000	-	-	-	-	-	-	-	-	10,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	377	377	151	753	-	-	-	-	-	-	-	1,657
914: Pension and Benefits	-	-	1,152	1,152	461	2,303	-	-	-	-	-	-	-	5,067
915: Injuries and Damages	-	-	498	498	199	995	-	-	-	-	-	-	-	2,189
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	8,504	354	-	-	-	-	-	-	-	8,858
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	808	808	4,923	1,760	-	-	-	-	-	-	-	8,299
926: A&G Loads	-	-	218	218	1,827	489	-	-	-	-	-	-	-	2,751
928: AFUDC Debt	-	-	6	19	72	132	147	-	-	-	-	-	-	376
929: AFUDC Equity	-	-	11	33	124	229	254	-	-	-	-	-	-	651
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(82,049)	-	-	-	-	-	(82,049)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(11,048)	-	-	-	-	-	(11,048)
Project Net	-	-	8,068	8,103	58,260	18,265	(92,696)	-	-	-	-	-	-	-

Project No: 10001922 **Overlook Distribution Rebuild**

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2022

Description
The Overlook Distribution project is a capital investment into improving the overall system reliability of the existing radial fed customer subdivision by converting to a loop fed underground distribution system. The objective of this project is to improve the system reliability of PNM's infrastructure by replacing the problematic distribution radial serving the Overlook community. The existing configuration of this underground radial results in extended outages for our customers and higher SAIDI minutes if a fault occurs or if a transformer fails.

Project Need Justification
The Overlook customers downstream of a fault or transformer failure will remain without power until it has been repaired or replaced. The Overlook Distribution rebuild project will consist of the designing and installation of necessary facilities for the purpose of looping existing underground distribution radial in the residential subdivision. This will provide a redundant feed to this area, and should a cable fault or transformer failure occur, the restoration time and SAIDI minutes will decrease.

Project Alternatives
One alternative is replacing the radial, however this is not a viable option because even with new infrastructure, there is an inherent risk to having extended outage times if any of the new infrastructure is damaged or compromised. It is not a sound option to pick and choose what radials get replaced knowing that if an outage does occur customers will be without power until the fault gets replaced, the termination is replaced, or if a temporary above ground line is installed to restore power until engineering can design a solution.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Performing this work increases reliability by reducing outages and restoration times for those in the Overlook community.

Primary Value Driver Reliability

Safety

Reliability
This project will improve the overall system reliability of the existing radial fed Overlook customer subdivision by converting to a loop fed underground distribution system, increasing reliability and reducing outages and restoration times.

System Performance

Security

Compliance

Environmental

Project No:	10001922 Overlook Distribution Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	6,597	6,597	6,597	6,597	6,597	6,597	39,583
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	499	499	499	499	499	499	2,996
914: Pension and Benefits	-	1,420	1,420	1,420	1,420	1,420	1,420	8,518
915: Injuries and Damages	-	565	565	565	565	565	565	3,388
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	1,135	1,135	1,135	1,135	1,135	1,135	6,811
926: A&G Loads	-	261	261	261	261	261	261	1,568
928: AFUDC Debt	-	7	20	33	46	59	72	236
929: AFUDC Equity	-	16	47	78	110	142	174	567
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(56,124)	(56,124)
825: Closing Cost of Removal	-	-	-	-	-	-	(7,544)	(7,544)
Project Net	-	10,500	10,544	10,589	10,633	10,678	(52,944)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	39,583	-	-	-	-	-	-	-	-	-	-	-	-	39,583
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,996	-	-	-	-	-	-	-	-	-	-	-	-	2,996
914: Pension and Benefits	8,518	-	-	-	-	-	-	-	-	-	-	-	-	8,518
915: Injuries and Damages	3,388	-	-	-	-	-	-	-	-	-	-	-	-	3,388
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	6,811	-	-	-	-	-	-	-	-	-	-	-	-	6,811
926: A&G Loads	1,568	-	-	-	-	-	-	-	-	-	-	-	-	1,568
928: AFUDC Debt	236	-	-	-	-	-	-	-	-	-	-	-	-	236
929: AFUDC Equity	567	-	-	-	-	-	-	-	-	-	-	-	-	567
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(56,124)	-	-	-	-	-	-	-	-	-	-	-	-	(56,124)
825: Closing Cost of Removal	(7,544)	-	-	-	-	-	-	-	-	-	-	-	-	(7,544)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	39,583	-	-	-	-	-	-	-	-	-	-	-	-	39,583
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,996	-	-	-	-	-	-	-	-	-	-	-	-	2,996
914: Pension and Benefits	8,518	-	-	-	-	-	-	-	-	-	-	-	-	8,518
915: Injuries and Damages	3,388	-	-	-	-	-	-	-	-	-	-	-	-	3,388
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	6,811	-	-	-	-	-	-	-	-	-	-	-	-	6,811
926: A&G Loads	1,568	-	-	-	-	-	-	-	-	-	-	-	-	1,568
928: AFUDC Debt	236	-	-	-	-	-	-	-	-	-	-	-	-	236
929: AFUDC Equity	567	-	-	-	-	-	-	-	-	-	-	-	-	567
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(56,124)	-	-	-	-	-	-	-	-	-	-	-	-	(56,124)
825: Closing Cost of Removal	(7,544)	-	-	-	-	-	-	-	-	-	-	-	-	(7,544)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10002010 Four Hills 13 to Lawrence 14 Feeder

Company: 001 Electric Services
 Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 1/20/2014

Estimated Completion Date 9/30/2022

Description
 This project will cover the construction of a new feeder connecting Four Hills to Lawrence. The purpose of this project is to transition a new Four Hills 13 to Lawrence 14 Feeder tie. The project entails either converting an existing single phase overhead line to a three-phase overhead line from Lawrence 14, roughly 3,200 feet, and building a new three-phase overhead line, roughly 1,500 feet, to tie into Four Hills 13. At that junction point, a new Scadamate Switch will be installed. Because of terrain and access issues, another route would be to follow the existing transmission line in order to tie Lawrence 14 to Four Hills 13, roughly 3,000 feet of new three-phase overhead line and a Scadamate Switch.

Project Need Justification
 The purpose of this project is to establish a new feeder tie which will enable Lawrence 14 to back up Four Hills 13. Presently, the single contingency plan for Four Hills Substation transfers 100% of Four Hills 11 and 100% of Four Hills 13 to Lawrence 12 after cascading away 92% of Lawrence 12 to Lawrence 11. This new feeder tie will create a one-to-one feeder backup configuration between Four Hills 13 and Lawrence 14, and between Four Hills 11 and Lawrence 12, thus reducing the restoration time during an outage by reducing the number of switching steps to back up each feeder.
 This new feeder tie will also allow Four Hills 13 to serve as an alternate backup source to a portion of the East Mountain area in the event of an outage on the 46kV ID line. Presently, Lawrence 14 is the only backup source for any of the East Mountain area during an outage of the radial 46kV ID line that serves the entire East Mountain Division. The loss of the radial ID line while Lawrence Substation is out of service for whatever reason would result in an extended outage for the entire East Mountain Division. This feeder tie would then allow Four Hills 13 to serve as a backup source to a portion of the East Mountain area.

Project Alternatives
 Two alternatives were considered. The first alternative would be to build a new substation that can be used to support the existing load in the Four Hills area and the East Mountains area as well as be used as an alternative source to backup for contingency purposes. The second alternative would be to add another Unit 2 transformer to Four Hills Substation in order to support the existing load as well as provide an alternative source to be used as a backup for contingency purposes. Ultimately, these two options were not accepted as paths forward due to costs associated with a substation build and transformer equipment cost. Establishing a new feeder tie was determined to be a more cost effective and timely solution.
 A no-action approach was also not considered as no action would result in an extended customer outage during peak loading conditions when Four Hills substation is out of service.

Project Estimate Approach
 A construction level cost estimate for this project was developed. The major cost driver for this project includes equipment, outside services and engineering design. Major equipment associated with the project includes an overhead conductor, utility poles, and a Scadamate Switch. The equipment component cost estimates were developed using PNM's average system unit price index for equipment. Labor/design estimates were developed using PNM's labor database.

Customer Benefit
 This project will ensure PNM can maintain service to residential and commercial customers for an outage to Four Hills 13 with a direct back up from Lawrence 14. The project ensures voltages and equipment loading remain within PNM's operational limits (ANSI Range-B) when East Mountain feeders are transferred because of an outage of 46kV ID line.

Primary Value Driver Reliability

Safety

Reliability
 This project is a reliability-driven project. This project will ensure PNM can maintain service to residential and commercial customers in the event of an outage to Four Hills substation/feeder 13. No action would result in an extended customer outage during peak loading conditions when Four Hills substation is out of service. An extended customer outage would have deleterious effect on System Average Interruption Duration Index (SAIDI).

System Performance

Security

Compliance

Environmental

Project No:	10002010 Four Hills 13 to Lawrence 14 Feeder							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	39,321	30,000	30,000	-	-	-	-	99,321
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	9,677	1,050	5,000	-	-	-	-	15,727
370: Outside Services	3,425	250,000	250,000	94,000	-	-	-	597,425
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,470	-	-	-	-	-	-	1,470
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,868	2,271	2,271	-	-	-	-	7,410
914: Pension and Benefits	9,066	6,456	6,456	-	-	-	-	21,978
915: Injuries and Damages	3,029	2,568	2,568	-	-	-	-	8,165
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	179	282	1,341	-	-	-	-	1,801
922: Minor Material Load	543	-	-	-	-	-	-	543
925: E&S Loads	8,133	36,543	37,037	11,750	-	-	-	93,463
926: A&G Loads	3,319	11,130	11,286	3,722	-	-	-	29,457
928: AFUDC Debt	7,698	355	783	1,070	-	-	-	9,906
929: AFUDC Equity	13,043	852	1,880	2,568	-	-	-	18,343
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(809,520)	-	-	-	(809,520)
825: Closing Cost of Removal	-	-	-	(95,488)	-	-	-	(95,488)
Project Net	101,770	341,507	348,622	(791,898)	-	-	-	0

Project No:	10002010 Four Hills 13 to Lawrence 14 Feeder													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	99,321	-	-	-	-	-	-	-	-	-	-	-	-	99,321
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	15,727	-	-	-	-	-	-	-	-	-	-	-	-	15,727
370: Outside Services	597,425	-	-	-	-	-	-	-	-	-	-	-	-	597,425
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,470	-	-	-	-	-	-	-	-	-	-	-	-	1,470
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,410	-	-	-	-	-	-	-	-	-	-	-	-	7,410
914: Pension and Benefits	21,978	-	-	-	-	-	-	-	-	-	-	-	-	21,978
915: Injuries and Damages	8,165	-	-	-	-	-	-	-	-	-	-	-	-	8,165
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,801	-	-	-	-	-	-	-	-	-	-	-	-	1,801
922: Minor Material Load	543	-	-	-	-	-	-	-	-	-	-	-	-	543
925: E&S Loads	93,463	-	-	-	-	-	-	-	-	-	-	-	-	93,463
926: A&G Loads	29,457	-	-	-	-	-	-	-	-	-	-	-	-	29,457
928: AFUDC Debt	9,906	-	-	-	-	-	-	-	-	-	-	-	-	9,906
929: AFUDC Equity	18,343	-	-	-	-	-	-	-	-	-	-	-	-	18,343
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(809,520)	-	-	-	-	-	-	-	-	-	-	-	-	(809,520)
825: Closing Cost of Removal	(95,488)	-	-	-	-	-	-	-	-	-	-	-	-	(95,488)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No:	10002010 Four Hills 13 to Lawrence 14 Feeder													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	99,321	-	-	-	-	-	-	-	-	-	-	-	-	99,321
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	15,727	-	-	-	-	-	-	-	-	-	-	-	-	15,727
370: Outside Services	597,425	-	-	-	-	-	-	-	-	-	-	-	-	597,425
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,470	-	-	-	-	-	-	-	-	-	-	-	-	1,470
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,410	-	-	-	-	-	-	-	-	-	-	-	-	7,410
914: Pension and Benefits	21,978	-	-	-	-	-	-	-	-	-	-	-	-	21,978
915: Injuries and Damages	8,165	-	-	-	-	-	-	-	-	-	-	-	-	8,165
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,801	-	-	-	-	-	-	-	-	-	-	-	-	1,801
922: Minor Material Load	543	-	-	-	-	-	-	-	-	-	-	-	-	543
925: E&S Loads	93,463	-	-	-	-	-	-	-	-	-	-	-	-	93,463
926: A&G Loads	29,457	-	-	-	-	-	-	-	-	-	-	-	-	29,457
928: AFUDC Debt	9,906	-	-	-	-	-	-	-	-	-	-	-	-	9,906
929: AFUDC Equity	18,343	-	-	-	-	-	-	-	-	-	-	-	-	18,343
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(809,520)	-	-	-	-	-	-	-	-	-	-	-	-	(809,520)
825: Closing Cost of Removal	(95,488)	-	-	-	-	-	-	-	-	-	-	-	-	(95,488)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 10002021 ABQ Southwest Substation

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2027

Description
The purpose of the project is to provide transformer and feeder capacity for the Southwest Albuquerque area. The details regarding the installation of new distribution substation capacity will be determined once the exact location of the new substation capacity is determined.

Project Need Justification
The need for the new capacity is driven by the rapid load growth in the area of South Coors and Rio Bravo. For 2021 peak conditions, the South Coors Substation load was 104% of the normal transformer rating. For an outage of South Coors Substation, outage contingency plans show that all backup feeders exceed emergency ratings during peak load conditions creating the risk of not being able to restore service to all customers in an outage.

Project Alternatives
There are 3 alternatives currently being evaluated for additional transformer capacity:
Alternative 1 - Add a second transformer to South Coors Substation rated 115/12.47 kV, 33.7 MVA.
Alternative 2 - Add a second transformer to Snow Vista Substation rated 115/12.47 kV, 33.7 MVA.
Alternative 3 - Build a new 4-acre substation with 1 or 2 115/12.47 kV, 33.7 MVA transformers.

Project Estimate Approach
The cost estimate is based on the cost of recently designed and constructed substations.

Customer Benefit
Customers will benefit from this project. This new capacity will increase reliability and lower the risk of outages, especially during peak load periods.

Primary Value Driver Reliability

Safety

Reliability
This project will increase reliability by reducing loads on existing equipment. It will create additional feeder and transformer capacity for load growth in the Southwest Albuquerque area and will reduce the risk for future outages by creating new back up options.

System Performance

Security

Compliance

Environmental

Project No:

10002021 ABQ Southwest Substation

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	32	32	104	104	104	104	104	104	104	2,372	2,372	5,534
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	1,355	1,355	1,355	1,355	1,355	1,355	1,355	7,025	7,025	23,533
370: Outside Services	-	-	291	291	291	291	291	291	291	291	291	291	291	3,197
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	3,402	3,402	6,805
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	2	2	8	8	8	8	8	8	8	179	179	417
914: Pension and Benefits	-	-	7	7	24	24	24	24	24	24	24	546	546	1,274
915: Injuries and Damages	-	-	3	3	10	10	10	10	10	10	10	236	236	551
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	384	384	384	384	384	384	384	1,991	1,991	6,671
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	39	39	206	206	206	206	206	206	206	1,616	1,616	4,751
926: A&G Loads	-	-	12	12	63	63	63	63	63	63	63	470	470	1,403
928: AFUDC Debt	-	-	0	1	4	8	13	18	22	27	32	51	85	261
929: AFUDC Equity	-	-	0	1	5	11	17	22	28	34	40	65	109	333
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	387	389	2,452	2,463	2,473	2,484	2,494	2,505	2,515	18,245	18,322	54,728

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	5,534	5,806	254	254	254	254	254	1,529	1,529	1,354	1,354	1,354	79	19,806
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	23,533	17,198	3,316	3,316	3,316	3,316	3,316	3,316	3,316	-	-	-	-	63,943
370: Outside Services	3,197	712	712	712	712	712	712	12,187	12,187	12,187	12,187	34,571	712	91,496
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	6,805	8,329	-	-	-	-	-	-	-	-	-	-	-	15,134
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	417	437	19	19	19	19	19	115	115	102	102	102	6	1,491
914: Pension and Benefits	1,274	1,337	58	58	58	58	58	352	352	312	312	312	18	4,561
915: Injuries and Damages	551	578	25	25	25	25	25	152	152	135	135	135	8	1,971
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,671	4,875	940	940	940	940	940	940	940	-	-	-	-	18,125
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	4,751	3,956	504	504	504	504	504	2,030	2,030	1,620	1,620	4,194	95	22,816
926: A&G Loads	1,403	1,394	186	186	186	186	186	741	741	589	589	1,563	34	7,985
928: AFUDC Debt	261	122	163	173	183	194	204	227	262	293	320	368	404	3,172
929: AFUDC Equity	333	211	282	300	318	336	354	393	454	507	555	638	700	5,379
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(226,201)	(226,201)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(29,679)	(29,679)
Project Net	54,728	44,954	6,459	6,487	6,515	6,544	6,572	21,981	22,077	17,099	17,173	43,236	(253,825)	-

Project No: 10002122 Ski Run Rebuild

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Lincoln 100%

Estimated Start Date 7/11/2022

Estimated Completion Date 10/31/2024

Description
The Ski Run rebuild project will involve replacing all of the equipment within the existing Ski Run 12.47/4.16kV Substation. Equipment to be replaced includes transformers, switches, reclosers, and conductors. New construction will be installed on a self-contained skid substation in compliance with current standards.

Project Need Justification
Drivers for this project are safety, reliability, and system performance. The existing equipment was determined through inspection to not be fit for long-term service and recommended by operations for replacement as soon as feasible. Because of the state of the equipment, the substation is at a higher risk of failure. This poses a safety risk since equipment is more likely to fail catastrophically. It also poses reliability and system performance risks, because sudden failure of the equipment would result in an interruption of service to Ski Apache in Ruidoso, New Mexico (NM).

Project Alternatives
For this project, the do-nothing approach was determined to be unacceptable. Failure to act by PNM will eventually result in equipment failure and interruption of service to Ski Apache, an important industry location for the Ruidoso, NM community.

An alternative to replace the existing equipment "like for like" was considered. This would mean replacing the existing equipment piece by piece with similar equipment. PNM believes a new skid type substation provides better value, as it reduces on-site construction time, and the enclosed design has a lower risk of outages from wildlife or other faults.

Project Estimate Approach
The project estimate was created looking at similar costs for other PNM skid type substations, as well as current forecasted costs for labor and materials.

Customer Benefit
Failure to act by PNM will eventually result in equipment failure and interruption of service to Ski Apache in Ruidoso, NM. Equipment replacement through scheduled outages will result in a higher reliability for the customer.

Primary Value Driver Reliability

Safety Aging equipment is more likely to fail catastrophically. This could result in injury to personnel if they happen to be nearby. Sudden power loss resulting from equipment failure means losing power to the ski resort, including important equipment.

Reliability New equipment is less likely to fail suddenly than aging equipment and less likely to require outages. This results in higher availability for the equipment to be serving customers. The skid enclosed design should also reduce the risk of outages from wildlife or any physical items that can cause a fault on open air equipment. This should mean improvements to outage metrics.

System Performance

Security

Compliance

Environmental

Project No:	10002122 Ski Run Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	4,560	4,560	11,533	11,533	32,185
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	132,494	132,494	264,989
370: Outside Services	-	-	-	41,037	41,037	41,037	41,037	164,147
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	345	345	873	873	2,436
914: Pension and Benefits	-	-	-	981	981	2,482	2,482	6,926
915: Injuries and Damages	-	-	-	390	390	987	987	2,755
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	35,528	35,528	71,057
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	5,914	5,914	23,676	23,676	59,180
926: A&G Loads	-	-	-	1,806	1,806	7,329	7,329	18,268
928: AFUDC Debt	-	-	-	34	103	296	616	1,049
929: AFUDC Equity	-	-	-	82	247	711	1,478	2,518
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	55,149	55,382	256,947	258,033	625,511

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	32,185	11,533	11,533	11,533	11,533	11,533	11,533	11,533	11,533	11,533	11,533	100,627	100,627	348,770
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	264,989	132,494	132,494	132,494	132,494	132,494	132,494	132,494	132,494	132,494	132,494	355,229	355,229	2,300,392
370: Outside Services	164,147	41,037	41,037	41,037	41,037	41,037	41,037	41,037	41,037	41,037	41,037	41,037	41,037	656,588
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	133,641	133,641	267,282
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,436	868	868	868	868	868	868	868	868	868	868	7,577	7,577	26,275
914: Pension and Benefits	6,926	2,656	2,656	2,656	2,656	2,656	2,656	2,656	2,656	2,656	2,656	23,174	23,174	79,836
915: Injuries and Damages	2,755	1,148	1,148	1,148	1,148	1,148	1,148	1,148	1,148	1,148	1,148	10,012	10,012	34,255
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	71,057	37,557	37,557	37,557	37,557	37,557	37,557	37,557	37,557	37,557	37,557	100,693	100,693	648,012
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	59,180	21,820	21,820	21,820	21,820	21,820	21,820	21,820	21,820	21,820	21,820	77,199	77,199	431,775
926: A&G Loads	18,268	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	6,644	22,636	22,636	129,979
928: AFUDC Debt	1,049	1,410	1,896	2,383	2,873	3,366	3,861	4,358	4,857	5,359	5,864	6,947	8,612	52,835
929: AFUDC Equity	2,518	1,799	2,418	3,040	3,665	4,294	4,925	5,559	6,196	6,837	7,480	8,862	10,985	68,578
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(4,453,797)	(4,453,797)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	625,511	258,966	260,071	261,180	262,295	263,416	264,542	265,673	266,810	267,952	269,100	887,636	(3,562,373)	590,780

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	348,770	100,627	134,367	38,299	38,299	38,299	38,299	4,560	4,560	4,560	4,560	-	-	755,200
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,300,392	355,229	355,229	-	-	-	-	-	-	-	-	-	-	3,010,851
370: Outside Services	656,588	41,037	344,695	344,695	344,695	344,695	1,024,731	41,037	41,037	41,037	41,037	-	-	3,265,283
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	267,282	133,641	133,641	-	-	-	-	-	-	-	-	-	-	534,564
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	26,275	7,577	10,118	2,884	2,884	2,884	2,884	343	343	343	343	-	-	56,879
914: Pension and Benefits	79,836	23,174	30,945	8,820	8,820	8,820	8,820	1,050	1,050	1,050	1,050	-	-	173,437
915: Injuries and Damages	34,255	10,012	13,370	3,811	3,811	3,811	3,811	454	454	454	454	-	-	74,695
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	648,012	100,693	100,693	-	-	-	-	-	-	-	-	-	-	849,399
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	431,775	77,199	117,572	45,829	45,829	45,829	124,033	5,456	5,456	5,456	5,456	-	-	909,889
926: A&G Loads	129,979	27,428	42,105	16,660	16,660	16,660	46,242	1,983	1,983	1,983	1,983	-	-	303,668
928: AFUDC Debt	52,835	-	-	-	-	-	-	-	-	-	-	-	-	52,835
929: AFUDC Equity	68,578	-	-	-	-	-	-	-	-	-	-	-	-	68,578
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,453,797)	(771,425)	(1,128,807)	(405,679)	(405,679)	(405,679)	(1,098,962)	(48,297)	(48,297)	(48,297)	(48,297)	-	-	(8,863,214)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	(1,192,064)	-	-	(1,192,064)
Project Net	590,780	105,194	153,928	55,320	55,320	55,320	149,858	6,586	6,586	6,586	(1,185,478)	-	-	(0)

Project No: 10002221 Downtown Network System Upgrade-WFF

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2027

Description

The completion of the Albuquerque Downtown Network project will take place over multiple phases. During Phase 1, PNM will replace four existing PMH switch gears that are at the end of their useful life within the Iron Street Substation with new dead-front PME-11 Supervisory Control and Data Acquisition (SCADA) controlled switches . These switch gears act as the feeder getaways for the Downtown Network to provide redundancy and reliability to the electric grid for our customers in the area.

PNM will also subcontract Wilson Electric to perform manhole & vault inspections in the Downtown Albuquerque area. The work includes accessing approximately 90 manholes and 32 vaults with a three-person crew to inspect existing conditions of the structure, transformers, and cable. Inspection crews will provide heat reading results of splices, 360-scanner photos, butterfly diagrams of each manhole and document all information to be provided back to PNM. As a part of the work, all manhole inspection data will be reviewed and validated, integrated into ArcGIS, and progress tracked via a custom online dashboard.

Project Need Justification

Replacing existing gears with new dead-front PME-11 SCADA controlled switches will help improve visibility of the system, decrease outage times resulting from a fault, and increase safety as the new switches do not require personal to manually switch.

Project Alternatives

The only alternative would be to do nothing. This solution was not selected as the existing switches are near the end of their useful lives and need to be replaced.

Project Estimate Approach

The project was estimated using historical PNM data on similar projects for engineering and labor resources. The major cost driver for this project includes contractor services, management, and engineering (as applicable).

Customer Benefit

These switch gears act as the feeder getaways for the Downtown Network, which help provide a redundant and very reliable electric grid for our customers. The new SCADA controlled switches will also improve visibility of the system, decrease outage times resulting from a fault.

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder has an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security SCADA controlled switches will help increase safety as the new switches do not require personal to manually switch.

Compliance

Environmental

Project No: 10002221 Downtown Network System Upgrade-WFF

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	12,921	12,921	12,921	12,921	12,921	12,921	77,525
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	833	833	833	833	833	833	5,000
370: Outside Services	-	22,917	22,917	22,917	22,917	22,917	22,917	137,500
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	978	978	978	978	978	978	5,869
914: Pension and Benefits	-	2,781	2,781	2,781	2,781	2,781	2,781	16,683
915: Injuries and Damages	-	1,106	1,106	1,106	1,106	1,106	1,106	6,636
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	223	223	223	223	223	223	1,341
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	5,192	5,192	5,192	5,192	5,192	5,192	31,152
926: A&G Loads	-	1,452	1,452	1,452	1,452	1,452	1,452	8,713
928: AFUDC Debt	-	30	90	151	212	273	334	1,091
929: AFUDC Equity	-	72	217	362	508	655	803	2,618
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(181,493)	(181,493)
825: Closing Cost of Removal	-	-	-	-	-	-	(24,395)	(24,395)
Project Net	-	48,505	48,710	48,916	49,123	49,331	(156,348)	88,238

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	77,525	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	277,525
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	5,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	305,000
370: Outside Services	137,500	15,822	15,822	15,822	15,822	15,822	15,822	15,822	15,822	15,822	15,822	15,822	15,822	327,362
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,869	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	20,929
914: Pension and Benefits	16,683	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	62,743
915: Injuries and Damages	6,636	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	26,536
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,341	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	7,087	86,379
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	31,152	7,388	7,388	7,388	7,388	7,388	7,388	7,388	7,388	7,388	7,388	7,388	7,388	119,803
926: A&G Loads	8,713	2,064	2,064	2,064	2,064	2,064	2,064	2,064	2,064	2,064	2,064	2,064	2,064	33,479
928: AFUDC Debt	1,091	241	393	546	700	855	1,010	1,166	1,323	1,480	1,638	1,797	1,957	14,197
929: AFUDC Equity	2,618	307	502	697	893	1,090	1,288	1,487	1,687	1,888	2,090	2,293	2,497	19,336
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(181,493)	-	-	-	-	-	-	-	-	-	-	-	(672,438)	(853,931)
825: Closing Cost of Removal	(24,395)	-	-	-	-	-	-	-	-	-	-	-	(88,743)	(113,138)
Project Net	88,238	81,326	81,673	82,021	82,371	82,723	83,076	83,431	83,788	84,146	84,506	84,868	(675,948)	326,220

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	277,525	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	397,525
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	305,000	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	455,000
370: Outside Services	327,362	74,612	74,612	74,612	74,612	74,612	74,612	74,612	74,612	74,612	74,612	74,612	74,612	1,222,703
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	20,929	753	753	753	753	753	753	753	753	753	753	753	753	29,965
914: Pension and Benefits	62,743	2,303	2,303	2,303	2,303	2,303	2,303	2,303	2,303	2,303	2,303	2,303	2,303	90,379
915: Injuries and Damages	26,536	995	995	995	995	995	995	995	995	995	995	995	995	38,476
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	86,379	3,543	3,543	3,543	3,543	3,543	3,543	3,543	3,543	3,543	3,543	3,543	3,543	128,898
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	119,803	11,634	11,634	11,634	11,634	11,634	11,634	11,634	11,634	11,634	11,634	11,634	11,634	259,408
926: A&G Loads	33,479	4,224	4,224	4,224	4,224	4,224	4,224	4,224	4,224	4,224	4,224	4,224	4,224	84,171
928: AFUDC Debt	14,197	613	807	1,001	1,197	1,394	1,591	1,790	1,989	2,189	2,391	2,593	2,797	34,549
929: AFUDC Equity	19,336	1,063	1,399	1,736	2,075	2,416	2,758	3,102	3,448	3,795	4,144	4,495	4,848	54,616
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(853,931)	-	-	-	-	-	-	-	-	-	-	-	(1,131,882)	(1,985,813)
825: Closing Cost of Removal	(113,138)	-	-	-	-	-	-	-	-	-	-	-	(148,151)	(261,289)
Project Net	326,220	122,240	122,770	123,302	123,836	124,373	124,913	125,456	126,001	126,549	127,099	127,653	(1,151,825)	548,586

Project No: 10002316 Bird Guard Reliability

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date: 12/18/2015
Estimated Completion Date: 12/31/2027

County %	Bernalillo	95%
	Sandoval	2%
	Valencia	3%

Description
This project involves installing protective covers on overhead distribution equipment to prevent birds and other wildlife from coming in direct contact with energized infrastructure. Bird or other wildlife contact with energized infrastructure often causes electrical outages and can be fatal to the animal.

Project Need Justification
Avian and other wildlife contact with electrical distribution infrastructure is a leading cause of outages annually across PNM's system. This project will help increase PNM's reliability by hardening equipment to reduce the chances of wildlife-caused outages, while simultaneously providing environmental benefit of protecting wildlife.

Project Alternatives
Protective covers for energized equipment is often the most economical means of preventing electrical contact of birds and other animals that leads to outages, especially in retrofit applications. Other alternatives include changing pole construction type or using longer spanning cross arms, however these are generally more expensive options and can also include the need to acquire additional right-of-way easements which can be expensive, time consuming, and/or challenging to impossible and may still require the need for equipment covers.

Project Estimate Approach
The estimate for annual spend on the project was developed by escalating the most recent 12-month spend by 2% annually. Additionally, incremental savings are expected by coordinating the scheduling of installation of bird guards simultaneously with two other projects: PURE (funding project 10001707); and Pole Grounds (funding project 10002516).

Customer Benefit
Bird guard installation increases reliability by reducing outages caused by electrical contact from birds and other wildlife.

Primary Value Driver Environmental

Safety

Reliability Installing bird guards increases reliability by reducing outages caused by electrical contact from birds and other wildlife.

System Performance

Security

Compliance

Environmental Installing bird guards reduces the hazard of electrical contact with birds and other wildlife, some of whom may be protected by federal or state environmental regulations.

Project No: 10002316 Bird Guard Reliability

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	313,525	2,478	2,478	2,478	2,478	2,478	2,478	328,391
120: Overtime-General	304,546	-	-	-	-	-	-	304,546
350: Material Issues-Major	311,332	2,973	4,955	991	4,955	4,460	3,469	333,135
370: Outside Services	3,913,041	44,597	39,642	24,776	49,552	29,731	24,776	4,126,115
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	224,214	-	-	-	-	-	-	224,214
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	48,202	188	188	188	188	188	188	49,327
914: Pension and Benefits	166,522	533	533	533	533	533	533	169,721
915: Injuries and Damages	42,651	212	212	212	212	212	212	43,923
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	46,617	797	1,329	266	1,329	1,196	930	52,463
922: Minor Material Load	22,685	-	-	-	-	-	-	22,685
925: E&S Loads	708,842	6,373	6,001	3,647	7,240	4,700	3,957	740,759
926: A&G Loads	301,453	1,982	1,864	1,118	2,257	1,452	1,217	311,343
928: AFUDC Debt	4,549	-	-	-	-	-	-	4,549
929: AFUDC Equity	13,901	-	-	-	-	-	-	13,901
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,300,512)	(301,796)	-	-	(354,184)	-	(129,063)	(6,085,554)
825: Closing Cost of Removal	(570,892)	(3,608)	-	-	(18,261)	-	(11,592)	(604,353)
Project Net	550,675	(245,272)	57,201	34,209	(303,702)	44,949	(102,897)	35,164

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	328,391	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	358,603
120: Overtime-General	304,546	504	504	504	504	504	504	504	504	504	504	504	504	307,063
350: Material Issues-Major	333,135	504	10,071	5,035	10,071	5,035	5,035	3,021	5,035	1,007	5,035	4,532	3,525	391,042
370: Outside Services	4,126,115	15,106	45,318	45,318	45,318	80,566	45,318	45,318	40,283	25,177	50,354	30,212	25,177	4,619,582
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	224,214	932	504	504	504	504	-	-	-	-	-	-	-	227,160
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	49,327	228	228	228	228	228	190	190	190	190	190	190	190	51,792
914: Pension and Benefits	169,721	696	696	696	696	696	580	580	580	580	580	580	580	177,258
915: Injuries and Damages	43,923	301	301	301	301	301	251	251	251	251	251	251	251	47,180
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	52,463	143	2,855	1,427	2,855	1,427	1,427	856	1,427	285	1,427	1,285	999	68,878
922: Minor Material Load	22,685	-	-	-	-	-	-	-	-	-	-	-	-	22,685
925: E&S Loads	740,759	2,390	6,916	6,337	6,916	10,390	6,198	5,966	5,618	3,418	6,777	4,402	3,708	809,794
926: A&G Loads	311,343	702	2,115	1,934	2,115	3,200	1,898	1,826	1,717	1,030	2,079	1,338	1,121	332,418
928: AFUDC Debt	4,549	-	-	-	-	-	-	-	-	-	-	-	-	4,549
929: AFUDC Equity	13,901	-	-	-	-	-	-	-	-	-	-	-	-	13,901
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,085,554)	(10,681)	(21,221)	(28,382)	(35,381)	(46,850)	(48,641)	(49,565)	(49,793)	(45,899)	(48,900)	(47,094)	(155,311)	(6,673,271)
825: Closing Cost of Removal	(604,353)	(1,156)	(2,653)	(3,678)	(4,671)	(6,266)	(6,534)	(6,680)	(6,727)	(6,209)	(6,628)	(6,390)	(21,089)	(683,033)
Project Net	35,164	12,185	48,149	32,741	31,971	52,252	8,239	4,280	1,099	(17,652)	13,682	(8,177)	(138,333)	75,600

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	358,603	2,566	2,566	2,566	2,566	2,566	2,566	2,566	2,566	2,566	2,566	2,566	2,566	389,392
120: Overtime-General	307,063	513	513	513	513	513	513	513	513	513	513	513	513	309,629
350: Material Issues-Major	391,042	513	10,263	5,132	10,263	5,132	5,132	3,079	5,132	1,026	5,132	4,618	3,592	450,055
370: Outside Services	4,619,582	15,395	46,184	46,184	46,184	82,105	46,184	46,184	41,053	25,658	51,316	30,789	25,658	5,122,475
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	227,160	949	513	513	513	513	-	-	-	-	-	-	-	230,162
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	51,792	232	232	232	232	232	193	193	193	193	193	193	193	54,303
914: Pension and Benefits	177,258	709	709	709	709	709	591	591	591	591	591	591	591	184,940
915: Injuries and Damages	47,180	306	306	306	306	306	255	255	255	255	255	255	255	50,499
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	68,878	145	2,909	1,455	2,909	1,455	1,455	873	1,455	291	1,455	1,309	1,018	85,605
922: Minor Material Load	22,685	-	-	-	-	-	-	-	-	-	-	-	-	22,685
925: E&S Loads	809,794	2,436	7,048	6,458	7,048	10,589	6,316	6,080	5,726	3,483	6,906	4,486	3,778	880,149
926: A&G Loads	332,418	867	2,612	2,388	2,612	3,951	2,344	2,255	2,121	1,272	2,567	1,652	1,384	358,442
928: AFUDC Debt	4,549	-	-	-	-	-	-	-	-	-	-	-	-	4,549
929: AFUDC Equity	13,901	-	-	-	-	-	-	-	-	-	-	-	-	13,901
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,673,271)	(17,648)	(27,117)	(33,390)	(39,710)	(50,789)	(52,077)	(52,587)	(52,469)	(48,195)	(51,048)	(49,016)	(230,414)	(7,377,730)
825: Closing Cost of Removal	(683,033)	(2,399)	(3,692)	(4,548)	(5,411)	(6,923)	(7,099)	(7,169)	(7,153)	(6,571)	(6,960)	(6,683)	(31,417)	(779,057)
Project Net	75,600	4,586	43,047	28,518	28,734	50,359	5,859	2,320	(532)	(19,429)	12,972	(9,238)	(222,795)	0

Project No: 10002321 Wildfire Mitigation-Distr-WFF

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date 1/1/2021
Estimated Completion Date 12/31/2023

County %	Lincoln	15%	San Miguel	15%
	Otero	15%		
	Grant	25%		
	Bernalillo	15%		
	Santa Fe	15%		

Description
PNM has established a Wildfire Mitigation Program (WMP) to identify wildfire risk drivers, and develop and tactics and strategies to mitigate the hazards. The funding being requested will be used to perform analysis, design, and construction aimed to reduce possible ignition sources and thereby reduce the risk of wildfire on the approximately 2,119 miles of distribution lines in the Hazardous Fire Area's (HFA's). The program will install wildlife protection, aerial cable systems, fire-safe lightning arrestors, and replace other devices to help reduce possible ignition sources. The funding will also cover the cost of data collection, LIDAR surveys, field inventory, line inspection, and modeling of the electric system to assist in the selection of appropriate engineering solutions to prevent wildfire.

Project Need Justification
In recent years, the western United States has seen an increase in damaging wildfire activity. A contributing factor to this increase is climate change. Both climatologists and fire scientists anticipate longer fire seasons and more extreme fire behavior in future years. This new normal will require new coping stratagems. To address these changing climatic conditions, PNM has established the WPM to identify and implement the necessary actions.

Project Alternatives
The only alternative is to do nothing. This option would continue with "business as usual" which would delay the response needed by PNM to ensure it is working to reduce the risk and intensity of wildfire events.

Project Estimate Approach
The Cost estimates are based on requests for proposals (RFPs) and data received by PNM's consultant, EDM International. PNM also used previous engineering estimates for similar types of work on the PNM system.

Customer Benefit
This WMP will serve as a blueprint to help reduce the risk of PNM infrastructure or operations being the cause of unwanted wild land fire ignitions. In doing so, the plan will also enhance grid resiliency and public safety through new strategies, technologies, and operating guidelines given the changing climate.

Primary Value Driver Safety

Safety This program is aimed at reducing the frequency and intensity of wildfires which should reduce safety risks to personnel and the general public.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	Wildfire Mitigation-Distr-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	1,104,417	250,000	250,000	250,000	250,000	250,000	250,000	2,604,417
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,419	-	-	-	-	-	-	3,419
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	84,614	31,250	31,250	31,250	31,250	31,250	31,250	272,114
926: A&G Loads	55,207	9,900	9,900	9,900	9,900	9,900	9,900	114,607
928: AFUDC Debt	6,711	1,980	2,352	2,725	3,099	3,476	3,855	24,198
929: AFUDC Equity	19,970	4,753	5,644	6,539	7,439	8,343	9,251	61,940
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	1,274,338	297,883	299,146	300,414	301,689	302,969	304,256	3,080,694

Project No:	Wildfire Mitigation-Distr-WFF													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	2,604,417	-	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	400,000	5,004,417
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,419	-	-	-	-	-	-	-	-	-	-	-	-	3,419
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	272,114	-	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	46,000	548,114
926: A&G Loads	114,607	-	7,180	7,180	7,180	7,180	7,180	7,180	7,180	7,180	7,180	7,180	14,360	200,767
928: AFUDC Debt	24,198	6,104	6,349	6,810	7,274	7,740	8,208	8,678	9,151	9,625	10,103	10,582	11,279	126,099
929: AFUDC Equity	61,940	7,786	8,099	8,687	9,279	9,873	10,470	11,070	11,673	12,279	12,887	13,499	14,388	191,930
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(5,533,658)	(5,533,658)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(541,087)	(541,087)
Project Net	3,080,694	13,890	244,627	245,677	246,732	247,792	248,857	249,928	251,003	252,084	253,170	254,261	(5,588,718)	-

Project No:	Wildfire Mitigation-Distr-WFF													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	5,004,417	-	-	-	-	-	-	-	-	-	-	-	-	5,004,417
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,419	-	-	-	-	-	-	-	-	-	-	-	-	3,419
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	548,114	-	-	-	-	-	-	-	-	-	-	-	-	548,114
926: A&G Loads	200,767	-	-	-	-	-	-	-	-	-	-	-	-	200,767
928: AFUDC Debt	126,099	-	-	-	-	-	-	-	-	-	-	-	-	126,099
929: AFUDC Equity	191,930	-	-	-	-	-	-	-	-	-	-	-	-	191,930
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,533,658)	-	-	-	-	-	-	-	-	-	-	-	-	(5,533,658)
825: Closing Cost of Removal	(541,087)	-	-	-	-	-	-	-	-	-	-	-	-	(541,087)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10002516 Pole Grounds Co01

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date 12/18/2015
Estimated Completion Date 12/31/2027

County %	Bernalillo	95%
	Sandoval	2%
	Valencia	3%

Description
This project is intended primarily to replace stolen copper pole grounds using a less valuable copper clad steel wire. Pole grounds are wires attached to equipment on the pole and/or attached to the neutral conductor running the length of the pole. They enable the proper operation of protective devices, provide paths for lightning strikes to ground, and provide voltage stability. For many years PNM used all copper wire for the ground wires. In recent years, theft of the copper ground wires has increased due to its increased market value at salvage/recycling yards so PNM is switching to copper steel clad wire which has less recyclable value. The #4 copper clad steel wire is used for general pole grounding and 2/0 copper clad steel wire is used for grounding poles with pole mounted switches or backbone conductor risers attached to the poles.

Project Need Justification
Pole grounds are necessary on all poles with equipment attached, such as transformers, capacitors, risers, and switches, for the proper and safe operation of the distribution system. At a minimum, four grounds per mile of overhead line are required when equipment is not attached to poles. With increased theft of copper grounds, it is necessary to replace the stolen grounds to keep the distribution system safe and operating properly.

Project Alternatives
Stolen ground wires could be replaced with the same copper wire that was stolen, however, this likely would result in repeated thefts, increased cost, and additional safety risks as Company personnel would need to continue to replace the stolen wire increasing operational exposures. An alternative to replacing stolen ground wires with the same wire is to replace them with copper clad steel wire, which has less recyclable value. The less valuable copper clad steel wire will reduce ground wire thefts.

Project Estimate Approach
The project spend on the project was developed by escalating the most recent 12-month spend for similar efforts by 2% annually.
This project is primarily performed concurrently with two other PNM projects to optimize costs; PURE (funding project 10001707) and Bird Guarding (funding project 10002316). Most of the pole ground replacements are performed at the same time and on the same structures as the PURE and Bird Guarding work.

Customer Benefit
Performing this work helps increase PNM's distribution system reliability and safety through voltage stabilization and proper operation of protective grounding devices.

Primary Value Driver Safety
Safety Maintaining grounds on the distribution system help to ensure that metal equipment will not become energized, which exposes PNM employees and contractors, and the public, to dangerous voltages. Ground wires also help ensure protective devices and lightning protection systems operate properly.

Reliability
System Performance Performing this work helps to increase PNM's distribution system reliability through voltage stabilization and proper operation of protective grounding devices.

Security
Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	10002516 Pole Grounds Co01							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	166,891	534	534	534	534	534	534	170,093
120: Overtime-General	119,864	-	-	-	-	-	-	119,864
350: Material Issues-Major	38,315	640	1,067	213	1,067	961	747	43,011
370: Outside Services	1,606,371	9,605	8,538	5,336	10,673	6,404	5,336	1,652,263
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	88,705	-	-	-	-	-	-	88,705
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,504	40	40	40	40	40	40	22,746
914: Pension and Benefits	78,002	115	115	115	115	115	115	78,691
915: Injuries and Damages	18,870	46	46	46	46	46	46	19,144
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	15,553	172	286	57	286	258	200	16,812
922: Minor Material Load	3,575	-	-	-	-	-	-	3,575
925: E&S Loads	304,711	1,373	1,292	786	1,559	1,012	852	311,585
926: A&G Loads	124,607	427	402	241	486	313	262	126,737
928: AFUDC Debt	4,904	-	-	-	-	-	-	4,904
929: AFUDC Equity	9,006	-	-	-	-	-	-	9,006
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,449,132)	(82,071)	-	-	(89,941)	-	(30,529)	(2,651,673)
825: Closing Cost of Removal	-	(777)	-	-	(3,933)	-	(2,497)	(7,207)
Project Net	152,745	(69,897)	12,320	7,368	(79,068)	9,681	(24,893)	8,256

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	170,093	542	542	542	542	542	542	542	542	542	542	542	542	176,600
120: Overtime-General	119,864	108	108	108	108	108	108	108	108	108	108	108	108	120,406
350: Material Issues-Major	43,011	108	2,169	1,085	2,169	1,085	1,085	651	1,085	217	1,085	976	759	55,484
370: Outside Services	1,652,263	3,254	9,761	9,761	9,761	17,353	9,761	9,761	8,677	5,423	10,846	6,507	5,423	1,758,551
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	88,705	201	108	108	108	108	108	108	108	108	108	108	108	89,340
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,746	49	49	49	49	49	41	41	41	41	41	41	41	23,277
914: Pension and Benefits	78,691	150	150	150	150	150	125	125	125	125	125	125	125	80,315
915: Injuries and Damages	19,144	65	65	65	65	65	54	54	54	54	54	54	54	19,846
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	16,812	31	615	307	615	307	307	184	307	61	307	277	215	20,348
922: Minor Material Load	3,575	-	-	-	-	-	-	-	-	-	-	-	-	3,575
925: E&S Loads	311,585	515	1,490	1,365	1,490	2,238	1,335	1,285	1,210	736	1,460	948	799	326,455
926: A&G Loads	126,737	151	456	417	456	689	409	393	370	222	448	288	241	131,276
928: AFUDC Debt	4,904	-	-	-	-	-	-	-	-	-	-	-	-	4,904
929: AFUDC Equity	9,006	-	-	-	-	-	-	-	-	-	-	-	-	9,006
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,651,673)	(2,803)	(5,298)	(6,904)	(8,456)	(11,105)	(11,315)	(11,351)	(11,252)	(10,166)	(10,845)	(10,326)	(9,611)	(2,761,107)
825: Closing Cost of Removal	(7,207)	(286)	(649)	(885)	(1,109)	(1,481)	(1,517)	(1,528)	(1,519)	(1,375)	(1,470)	(1,401)	(1,305)	(21,731)
Project Net	8,256	2,085	9,567	6,168	5,948	10,110	827	157	(361)	(4,120)	2,592	(1,969)	(2,717)	36,544

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	176,600	555	555	555	555	555	555	555	555	555	555	555	555	183,263
120: Overtime-General	120,406	111	111	111	111	111	111	111	111	111	111	111	111	120,961
350: Material Issues-Major	55,484	111	2,221	1,110	2,221	1,110	1,110	666	1,110	222	1,110	999	777	68,254
370: Outside Services	1,758,551	3,331	9,994	9,994	9,994	17,767	9,994	9,994	8,883	5,552	11,104	6,663	5,552	1,867,374
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	89,340	205	111	111	111	111	111	111	111	111	111	111	111	89,989
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,277	50	50	50	50	50	42	42	42	42	42	42	42	23,820
914: Pension and Benefits	80,315	153	153	153	153	153	128	128	128	128	128	128	128	81,977
915: Injuries and Damages	19,846	66	66	66	66	66	55	55	55	55	55	55	55	20,564
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	20,348	31	630	315	630	315	315	189	315	63	315	283	220	23,967
922: Minor Material Load	3,575	-	-	-	-	-	-	-	-	-	-	-	-	3,575
925: E&S Loads	326,455	527	1,525	1,397	1,525	2,291	1,367	1,316	1,239	754	1,494	971	818	341,679
926: A&G Loads	131,276	188	565	517	565	855	507	488	459	275	556	357	299	136,908
928: AFUDC Debt	4,904	-	-	-	-	-	-	-	-	-	-	-	-	4,904
929: AFUDC Equity	9,006	-	-	-	-	-	-	-	-	-	-	-	-	9,006
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,761,107)	(8,479)	(9,764)	(10,429)	(11,265)	(13,407)	(13,172)	(12,861)	(12,491)	(11,166)	(11,706)	(11,049)	(10,217)	(2,897,112)
825: Closing Cost of Removal	(21,731)	(1,152)	(1,328)	(1,420)	(1,534)	(1,827)	(1,795)	(1,753)	(1,703)	(1,522)	(1,596)	(1,506)	(1,393)	(40,260)
Project Net	36,544	(4,301)	4,890	2,532	3,183	8,152	(894)	(1,181)	(1,407)	(5,041)	2,057	(2,501)	(3,163)	38,869

Project No: 10002521 State Pen Feeder 13

Company: 001 Electric Services
 Location: 100 Albuquerque Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 10/1/2021

Estimated Completion Date 12/31/2022

Description
 This project consists of upgrading large single phase laterals to three phase to allow for phase balancing, reconfiguring existing underground loops and updating voltage support equipment on State Pen Feeder 13.

Project Need Justification
 This project will mitigate voltage levels that exceed PNM's operational limits (per the American National Standards Institute (ANSI) C84.1) that occur during normal minimum and peak load conditions on State Pen Feeder 13. Optimizing the feeder will improve reliability and allow for increased DER integration.

Project Alternatives
 The one alternative is to do nothing. This is not a viable alternative because the minimum and peak voltage levels on the feeder will remain below the ANSI C84.1 criteria.

Project Estimate Approach
 The project was estimated using historical PNM data on similar projects using internal engineering and external labor.

Customer Benefit
 This project will benefit all PNM customers in the area by maintaining voltage within the normal operational limits for the PNM distribution system.

Primary Value Driver System Performance

Safety

Reliability

System Performance This project will provide voltage optimization, power quality improvement and increased DER integration capacity.

Security

Compliance This project allows PNM's State Pen Feeder 13 to stay compliant with the ANSI C84.1 voltage tolerance standard.

Environmental

Project No:

10002521 State Pen Feeder 13

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	4,700	4,000	40,000	4,000	4,000	4,000	60,700
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	60,000	40,000	20,000	20,000	-	-	140,000
370: Outside Services	-	10,000	10,000	10,000	7,000	5,000	5,000	47,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	356	303	3,028	303	303	303	4,595
914: Pension and Benefits	-	1,011	861	8,608	861	861	861	13,063
915: Injuries and Damages	-	402	342	3,424	342	342	342	5,196
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	16,089	10,726	5,363	5,363	-	-	37,541
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	9,559	6,938	10,633	4,063	1,313	1,313	33,819
926: A&G Loads	-	2,958	2,138	2,772	1,228	356	356	9,809
928: AFUDC Debt	-	65	178	290	383	419	436	1,770
929: AFUDC Equity	-	157	426	696	918	1,005	1,046	4,248
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(315,534)	(315,534)
825: Closing Cost of Removal	-	-	-	-	-	-	(42,207)	(42,207)
Project Net	-	105,297	75,913	104,813	44,460	13,599	(344,083)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	60,700	-	-	-	-	-	-	-	-	-	-	-	-	60,700
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	140,000	-	-	-	-	-	-	-	-	-	-	-	-	140,000
370: Outside Services	47,000	-	-	-	-	-	-	-	-	-	-	-	-	47,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,595	-	-	-	-	-	-	-	-	-	-	-	-	4,595
914: Pension and Benefits	13,063	-	-	-	-	-	-	-	-	-	-	-	-	13,063
915: Injuries and Damages	5,196	-	-	-	-	-	-	-	-	-	-	-	-	5,196
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	37,541	-	-	-	-	-	-	-	-	-	-	-	-	37,541
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	33,819	-	-	-	-	-	-	-	-	-	-	-	-	33,819
926: A&G Loads	9,809	-	-	-	-	-	-	-	-	-	-	-	-	9,809
928: AFUDC Debt	1,770	-	-	-	-	-	-	-	-	-	-	-	-	1,770
929: AFUDC Equity	4,248	-	-	-	-	-	-	-	-	-	-	-	-	4,248
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(315,534)	-	-	-	-	-	-	-	-	-	-	-	-	(315,534)
825: Closing Cost of Removal	(42,207)	-	-	-	-	-	-	-	-	-	-	-	-	(42,207)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	60,700	-	-	-	-	-	-	-	-	-	-	-	-	60,700
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	140,000	-	-	-	-	-	-	-	-	-	-	-	-	140,000
370: Outside Services	47,000	-	-	-	-	-	-	-	-	-	-	-	-	47,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,595	-	-	-	-	-	-	-	-	-	-	-	-	4,595
914: Pension and Benefits	13,063	-	-	-	-	-	-	-	-	-	-	-	-	13,063
915: Injuries and Damages	5,196	-	-	-	-	-	-	-	-	-	-	-	-	5,196
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	37,541	-	-	-	-	-	-	-	-	-	-	-	-	37,541
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	33,819	-	-	-	-	-	-	-	-	-	-	-	-	33,819
926: A&G Loads	9,809	-	-	-	-	-	-	-	-	-	-	-	-	9,809
928: AFUDC Debt	1,770	-	-	-	-	-	-	-	-	-	-	-	-	1,770
929: AFUDC Equity	4,248	-	-	-	-	-	-	-	-	-	-	-	-	4,248
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(315,534)	-	-	-	-	-	-	-	-	-	-	-	-	(315,534)
825: Closing Cost of Removal	(42,207)	-	-	-	-	-	-	-	-	-	-	-	-	(42,207)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10003020 ELDO12 Feeder Rebuild

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2026

Description
The Eldorado 12 (ELDO12) project includes the demolition and construction of the ELDO12 distribution feeder. The project will consist of a complete rebuild the ELDO12 backbone (3 phase primary) in the SantaFe metro region. This will involve upgrading poles to ensure they are the standard height and class, upgrading primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's ELDO12 Feeder. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customers outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the ELDO12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customers outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders).

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No:	10003020 ELDO12 Feeder Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	8,000	13,000	10,000	10,000	10,000	15,000	10,000	10,000	18,000	18,000	15,000	15,000	152,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	20,000	100,000	100,000	10,000	10,000	10,000	10,000	10,000	1,000	271,000
370: Outside Services	-	-	10,000	10,000	20,000	30,000	50,000	50,000	30,000	30,000	10,000	12,000	-	252,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	602	979	753	753	753	1,130	753	753	1,355	1,355	1,130	1,130	11,446
914: Pension and Benefits	-	1,842	2,994	2,303	2,303	2,303	3,455	2,303	2,303	4,145	4,145	3,455	3,455	35,006
915: Injuries and Damages	-	796	1,294	995	995	995	1,493	995	995	1,791	1,791	1,493	1,493	15,124
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	5,669	28,346	28,346	2,835	2,835	2,835	2,835	2,835	283	76,818
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	1,293	3,251	2,766	6,216	16,566	19,674	8,516	6,216	7,509	5,209	4,954	2,539	84,706
926: A&G Loads	-	348	1,001	870	2,175	6,090	7,178	3,045	2,175	2,523	1,653	1,610	696	29,363
928: AFUDC Debt	-	10	46	94	170	379	714	966	1,093	1,212	1,323	1,414	1,483	8,904
929: AFUDC Equity	-	18	80	163	295	657	1,238	1,675	1,894	2,100	2,293	2,451	2,570	15,435
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(840,505)	(840,505)
Project Net	-	12,909	32,644	27,944	68,576	196,089	228,226	91,088	68,263	81,470	58,604	56,340	(922,152)	0

Project No: 10003120 Substation Battery Upgrades - Co 1

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Total System 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2026

Description
Distribution substations have "Cool Cell" type batteries installed which are located in a cabinet mounted to the side of the control building. This project will replace aging and failing distribution substation batteries.

Project Need Justification
Many of these batteries are reaching end of life and are failing routine testing. Failure of the battery results in no direct current (DC) power to operate the protective devices and circuit breakers in the substation. These devices, which are used to protect the distribution system by isolating faulted feeders and equipment that use DC power, may be unable to perform as needed as a result of the battery failing. This will impact safety, reliability and system performance.

Project Alternatives
This project has no viable alternatives. Batteries are needed to supply DC power and act as a medium for energy storage to allow for continued operation of the devices that use DC power.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
This project benefits customers because functioning batteries allow proper operation of substation equipment, resulting in fewer outages and improved system reliability.

Primary Value Driver System Performance

Safety DC batteries provides power to protection relays, communication systems, circuit breakers and various other mission critical systems and devices in the substation. Failure of these systems could result in large scale outages, extended equipment damage, and possible injury or death to PNM personnel or customers due to the failure of critical protection systems that interrupt faults on the system.

Reliability Failure of station batteries will result in increased System Average Interruption Duration Index (SAIDI) and decreased reliability and overall system performance.

System Performance DC batteries provides power to critical devices and systems in the substation. Ensuring these batteries are in proper working condition and replacing them when they are not reduces the possibility of large scale outages events or equipment damage, improving system performance.

Security

Compliance

Environmental

Project No: 10003120 Substation Battery Upgrades - Co 1

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	15,000	15,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	40,000	40,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	1,136	1,136
914: Pension and Benefits	-	-	-	-	-	-	3,228	3,228
915: Injuries and Damages	-	-	-	-	-	-	1,284	1,284
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	7,581	7,581
926: A&G Loads	-	-	-	-	-	-	2,178	2,178
928: AFUDC Debt	-	-	-	-	-	-	44	44
929: AFUDC Equity	-	-	-	-	-	-	105	105
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(46,580)	(46,580)
825: Closing Cost of Removal	-	-	-	-	-	-	(6,337)	(6,337)
Project Net	-	-	-	-	-	-	17,639	17,639

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	15,000	-	-	-	-	-	-	-	-	-	-	-	-	15,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	40,000	-	-	-	-	-	-	-	-	-	-	-	-	40,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,136	-	-	-	-	-	-	-	-	-	-	-	-	1,136
914: Pension and Benefits	3,228	-	-	-	-	-	-	-	-	-	-	-	-	3,228
915: Injuries and Damages	1,284	-	-	-	-	-	-	-	-	-	-	-	-	1,284
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	7,581	-	-	-	-	-	-	-	-	-	-	-	-	7,581
926: A&G Loads	2,178	-	-	-	-	-	-	-	-	-	-	-	-	2,178
928: AFUDC Debt	44	33	33	33	33	34	34	34	34	34	34	35	35	451
929: AFUDC Equity	105	42	42	43	43	43	43	43	44	44	44	44	44	624
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(46,580)	-	-	-	-	-	-	-	-	-	-	-	(16,452)	(63,032)
825: Closing Cost of Removal	(6,337)	-	-	-	-	-	-	-	-	-	-	-	(2,112)	(8,449)
Project Net	17,639	75	75	76	76	77	77	77	78	78	78	79	(18,485)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	15,000	-	-	-	-	-	-	-	-	-	-	-	-	15,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	40,000	-	-	-	-	-	-	-	-	-	-	-	-	40,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,136	-	-	-	-	-	-	-	-	-	-	-	-	1,136
914: Pension and Benefits	3,228	-	-	-	-	-	-	-	-	-	-	-	-	3,228
915: Injuries and Damages	1,284	-	-	-	-	-	-	-	-	-	-	-	-	1,284
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	7,581	-	-	-	-	-	-	-	-	-	-	-	-	7,581
926: A&G Loads	2,178	-	-	-	-	-	-	-	-	-	-	-	-	2,178
928: AFUDC Debt	451	-	-	-	-	-	-	-	-	-	-	-	-	451
929: AFUDC Equity	624	-	-	-	-	-	-	-	-	-	-	-	-	624
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(63,032)	-	-	-	-	-	-	-	-	-	-	-	-	(63,032)
825: Closing Cost of Removal	(8,449)	-	-	-	-	-	-	-	-	-	-	-	-	(8,449)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10003521 LSCH12 Feeder Rebuild

Company: 001 Electric Services
 Location: 100 Albuquerque Electric Services

Project Information

County % Valencia 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 12/31/2023

Description
 The Los Chavez 12 (LSCH12) project includes the demolition and construction of the LSCH12 distribution feeder. The project will consist of a complete rebuild of approximately 16.97 miles of the LSCH12 backbone (3 phase primary) in the Los Chaves region. This will involve upgrading ~600 poles to ensure they are the standard height and class, upgrading ~89,601 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
 The purpose of this project is to improve the reliability of PNM's LSCH12 Feeder which serves over 5,495 customers and has, over the last several years, experienced 22 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customers outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.
 Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
 An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
 The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
 This project will rebuild the LSCH12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customers outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders).

Primary Value Driver Reliability
 Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, which would decrease overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest reliability benefits.

System Performance

Security

Compliance

Environmental

Project No:	10003521	LSCH12 Feeder Rebuild						
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	14,650	11,134	6,950	6,409	6,409	145,296	190,849
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	99,340	99,340
370: Outside Services	-	131,853	100,210	62,551	57,682	57,682	887,630	1,297,607
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	59,604	59,604
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	1,109	843	526	485	485	10,999	14,447
914: Pension and Benefits	-	3,153	2,396	1,496	1,379	1,379	31,268	41,071
915: Injuries and Damages	-	1,254	953	595	549	549	12,437	16,337
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	26,638	26,638
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	19,002	14,442	9,015	8,313	8,313	155,822	214,907
926: A&G Loads	-	5,802	4,409	2,752	2,538	2,538	47,198	65,237
928: AFUDC Debt	-	110	304	441	543	642	1,610	3,649
929: AFUDC Equity	-	264	729	1,058	1,304	1,540	3,864	8,759
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(490,337)	(490,337)
825: Closing Cost of Removal	-	-	-	-	-	-	(66,402)	(66,402)
Project Net	-	177,197	135,421	85,383	79,201	79,537	924,967	1,481,706

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	190,849	144,425	142,447	142,447	142,447	4,712	4,412	-	-	-	-	-	-	771,739
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	99,340	99,340	99,340	99,340	99,340	-	-	-	-	-	-	-	-	496,698
370: Outside Services	1,297,607	879,786	861,989	861,989	861,989	42,404	39,704	623,584	-	-	-	-	-	5,469,051
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	59,604	59,604	59,604	59,604	59,604	-	-	-	-	-	-	-	-	298,019
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,447	10,875	10,726	10,726	10,726	355	332	-	-	-	-	-	-	58,188
914: Pension and Benefits	41,071	33,261	32,806	32,806	32,806	1,085	1,016	-	-	-	-	-	-	174,850
915: Injuries and Damages	16,337	14,370	14,174	14,174	14,174	469	439	-	-	-	-	-	-	74,135
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	26,638	28,159	28,159	28,159	28,159	-	-	-	-	-	-	-	-	139,273
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	214,907	142,791	140,425	140,425	140,425	5,638	5,279	71,712	-	-	-	-	-	861,601
926: A&G Loads	65,237	42,475	41,765	41,765	41,765	1,691	1,584	22,387	-	-	-	-	-	258,670
928: AFUDC Debt	3,649	4,136	6,856	9,567	12,291	13,435	171	892	1,568	1,369	1,376	1,382	1,389	58,081
929: AFUDC Equity	8,759	5,275	8,745	12,204	15,679	17,139	218	1,138	2,000	1,746	1,755	1,763	1,772	78,194
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(490,337)	-	-	-	(144,400)	(6,317,892)	-	-	(97,102)	-	-	-	(656,503)	(7,706,233)
825: Closing Cost of Removal	(66,402)	-	-	-	(19,435)	(846,331)	-	-	(13,116)	-	-	-	(86,983)	(1,032,267)
Project Net	1,481,706	1,464,497	1,447,035	1,453,204	1,295,570	(7,077,296)	53,154	719,713	(106,650)	3,115	3,131	3,146	(740,324)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	771,739	-	-	-	-	-	-	-	-	-	-	-	-	771,739
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	496,698	-	-	-	-	-	-	-	-	-	-	-	-	496,698
370: Outside Services	5,469,051	-	-	-	-	-	-	-	-	-	-	-	-	5,469,051
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	298,019	-	-	-	-	-	-	-	-	-	-	-	-	298,019
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	58,188	-	-	-	-	-	-	-	-	-	-	-	-	58,188
914: Pension and Benefits	174,850	-	-	-	-	-	-	-	-	-	-	-	-	174,850
915: Injuries and Damages	74,135	-	-	-	-	-	-	-	-	-	-	-	-	74,135
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	139,273	-	-	-	-	-	-	-	-	-	-	-	-	139,273
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	861,601	-	-	-	-	-	-	-	-	-	-	-	-	861,601
926: A&G Loads	258,670	-	-	-	-	-	-	-	-	-	-	-	-	258,670
928: AFUDC Debt	58,081	-	-	-	-	-	-	-	-	-	-	-	-	58,081
929: AFUDC Equity	78,194	-	-	-	-	-	-	-	-	-	-	-	-	78,194
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,706,233)	-	-	-	-	-	-	-	-	-	-	-	-	(7,706,233)
825: Closing Cost of Removal	(1,032,267)	-	-	-	-	-	-	-	-	-	-	-	-	(1,032,267)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 10003621 **SOCO12 Feeder Rebuild**

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 12/31/2024

Description
The South Coors 12 (SOCO12) project includes the demolition and construction of the SOCO12 distribution feeder. The project will consist of a complete rebuild of approximately 17.69 miles of the SOCO12 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~600 poles to ensure they are the standard height and class, upgrading ~93,403 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's SOCO12 Feeder which serves over 6271 customers and has, over the last several years, experienced 30 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the SOCO12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders).

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No:	10003621	SOCO12 Feeder Rebuild						
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	27,500	22,500	17,500	69,445	165,011	165,011	466,968
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	46,409	123,633	123,633	293,675
370: Outside Services	-	247,500	202,500	157,500	405,925	901,069	901,069	2,815,562
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	27,845	74,180	74,180	176,205
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	2,082	1,703	1,325	5,257	12,491	12,491	35,349
914: Pension and Benefits	-	5,918	4,842	3,766	14,945	35,510	35,510	100,491
915: Injuries and Damages	-	2,354	1,926	1,498	5,945	14,125	14,125	39,972
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	12,445	33,152	33,152	78,749
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	35,669	29,184	22,699	71,971	165,752	165,752	491,028
926: A&G Loads	-	10,890	8,910	6,930	21,765	50,050	50,050	148,595
928: AFUDC Debt	-	206	582	885	1,444	2,853	4,318	10,288
929: AFUDC Equity	-	495	1,397	2,124	3,466	6,848	10,364	24,694
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	(358,182)	(2,934,182)	(3,292,364)
825: Closing Cost of Removal	-	-	-	-	-	(48,479)	(396,683)	(445,162)
Project Net	-	332,614	273,544	214,226	686,861	1,178,014	(1,741,209)	944,050

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	466,968	165,011	165,011	102,216	100,866	1,000	1,000	-	-	-	-	-	-	1,002,071
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	293,675	123,633	123,633	77,224	77,224	-	-	-	-	-	-	-	-	695,389
370: Outside Services	2,815,562	901,069	901,069	554,990	832,573	378,481	9,000	327,723	-	-	-	-	-	6,720,466
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	176,205	74,180	74,180	46,335	46,335	-	-	-	-	-	-	-	-	417,233
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	35,349	12,425	12,425	7,697	7,595	75	75	-	-	-	-	-	-	75,643
914: Pension and Benefits	100,491	38,002	38,002	23,540	23,229	230	230	-	-	-	-	-	-	223,726
915: Injuries and Damages	39,972	16,419	16,419	10,170	10,036	100	100	-	-	-	-	-	-	93,215
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	78,749	35,045	35,045	21,890	21,890	-	-	-	-	-	-	-	-	192,619
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	491,028	153,035	153,035	94,550	126,254	43,687	1,197	37,688	-	-	-	-	-	1,100,473
926: A&G Loads	148,595	45,374	45,374	28,029	37,946	13,623	359	11,765	-	-	-	-	-	331,066
928: AFUDC Debt	10,288	3,231	4,811	5,857	6,646	4,635	11	353	707	711	714	718	721	39,405
929: AFUDC Equity	24,694	4,122	6,138	7,472	8,478	5,913	14	450	902	907	911	915	920	61,836
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,292,364)	(640,579)	(632,493)	(632,693)	(1,718,139)	(2,383,249)	(10,551)	-	-	-	-	-	(340,845)	(9,650,914)
825: Closing Cost of Removal	(445,162)	(86,780)	(85,630)	(85,465)	(231,813)	(320,682)	(1,435)	-	-	-	-	-	(45,261)	(1,302,228)
Project Net	944,050	844,186	857,018	261,812	(650,880)	(2,256,186)	(1)	377,979	1,610	1,617	1,625	1,633	(384,465)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,002,071	-	-	-	-	-	-	-	-	-	-	-	-	1,002,071
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	695,389	-	-	-	-	-	-	-	-	-	-	-	-	695,389
370: Outside Services	6,720,466	-	-	-	-	-	-	-	-	-	-	-	-	6,720,466
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	417,233	-	-	-	-	-	-	-	-	-	-	-	-	417,233
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	75,643	-	-	-	-	-	-	-	-	-	-	-	-	75,643
914: Pension and Benefits	223,726	-	-	-	-	-	-	-	-	-	-	-	-	223,726
915: Injuries and Damages	93,215	-	-	-	-	-	-	-	-	-	-	-	-	93,215
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	192,619	-	-	-	-	-	-	-	-	-	-	-	-	192,619
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,100,473	-	-	-	-	-	-	-	-	-	-	-	-	1,100,473
926: A&G Loads	331,066	-	-	-	-	-	-	-	-	-	-	-	-	331,066
928: AFUDC Debt	39,405	-	-	-	-	-	-	-	-	-	-	-	-	39,405
929: AFUDC Equity	61,836	-	-	-	-	-	-	-	-	-	-	-	-	61,836
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,650,914)	-	-	-	-	-	-	-	-	-	-	-	(0)	(9,650,914)
825: Closing Cost of Removal	(1,302,228)	-	-	-	-	-	-	-	-	-	-	-	(0)	(1,302,228)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	(0)	-

Project No: 10003721 BACA12 Feeder Rebuild

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % San Miguel 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 8/30/2023

Description
The Baca 12 (BACA12) project includes the demolition and construction of the BACA 12 distribution feeder to improve its overall performance. The project will consist of a complete rebuild of approximately 16.42 miles of the BACA12 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~ 578 poles to ensure they are the standard height and class, upgrading ~86,697 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's BACA12 Feeder which serves over 3,125 customers and has, over the last several years, experienced 16 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross arms, vegetation overgrowth, and conductor flash due to long span lengths. This project will reduce customers outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the BACA12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customers served. Other benefits include the reduction of customers outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, which would decrease overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest reliability benefits.

System Performance

Security

Compliance

Environmental

Project No:	10003721 BACA12 Feeder Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	1,209	13,957	14,115	6,442	6,993	3,059	45,775
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	10,883	125,616	127,033	57,980	62,938	27,527	411,977
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	92	1,057	1,068	488	529	232	3,465
914: Pension and Benefits	-	260	3,004	3,037	1,386	1,505	658	9,851
915: Injuries and Damages	-	104	1,195	1,208	551	599	262	3,918
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	1,568	18,104	18,308	8,356	9,071	3,967	59,373
926: A&G Loads	-	479	5,527	5,589	2,551	2,769	1,211	18,127
928: AFUDC Debt	-	9	123	334	490	593	671	2,219
929: AFUDC Equity	-	22	295	801	1,175	1,423	1,610	5,327
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	(1)	(1)	-	-	-	-	(2)
825: Closing Cost of Removal	-	(0)	(0)	-	-	-	-	(0)
Project Net	-	14,625	168,876	171,494	79,420	86,419	39,196	560,031

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	45,775	3,150	291,597	290,989	290,989	3,037	2,388	2,388	2,388	-	-	-	-	932,703
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	273,509	273,509	273,509	-	-	-	-	-	-	-	-	820,528
370: Outside Services	411,977	28,352	1,425,953	1,420,482	1,420,482	529,357	21,495	21,495	21,495	-	-	-	-	5,301,089
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	164,106	164,106	164,106	-	-	-	-	-	-	-	-	492,317
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,465	237	21,957	21,912	21,912	229	180	180	180	-	-	-	-	70,251
914: Pension and Benefits	9,851	726	67,155	67,015	67,015	699	550	550	550	-	-	-	-	214,110
915: Injuries and Damages	3,918	313	29,014	28,953	28,953	302	238	238	238	-	-	-	-	92,168
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	77,529	77,529	77,529	-	-	-	-	-	-	-	-	232,587
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	59,373	3,770	261,429	260,701	260,701	61,367	2,858	2,858	2,858	-	-	-	-	915,914
926: A&G Loads	18,127	1,131	77,370	77,152	77,152	19,113	857	857	857	-	-	-	-	272,618
928: AFUDC Debt	2,219	1,085	3,641	8,684	13,745	16,895	27	27	27	-	-	-	-	46,349
929: AFUDC Equity	5,327	1,384	4,645	11,078	17,533	21,551	34	34	34	-	-	-	-	61,620
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2)	-	-	-	-	(8,255,342)	(25,199)	(25,199)	(25,199)	-	-	-	-	(8,330,941)
825: Closing Cost of Removal	(0)	-	-	-	-	(1,111,030)	(3,428)	(3,428)	(3,428)	-	-	-	-	(1,121,314)
Project Net	560,031	40,148	2,697,906	2,702,111	2,713,626	(8,713,823)	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	932,703	-	-	-	-	-	-	-	-	-	-	-	-	932,703
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	820,528	-	-	-	-	-	-	-	-	-	-	-	-	820,528
370: Outside Services	5,301,089	-	-	-	-	-	-	-	-	-	-	-	-	5,301,089
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	492,317	-	-	-	-	-	-	-	-	-	-	-	-	492,317
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	70,251	-	-	-	-	-	-	-	-	-	-	-	-	70,251
914: Pension and Benefits	214,110	-	-	-	-	-	-	-	-	-	-	-	-	214,110
915: Injuries and Damages	92,168	-	-	-	-	-	-	-	-	-	-	-	-	92,168
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	232,587	-	-	-	-	-	-	-	-	-	-	-	-	232,587
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	915,914	-	-	-	-	-	-	-	-	-	-	-	-	915,914
926: A&G Loads	272,618	-	-	-	-	-	-	-	-	-	-	-	-	272,618
928: AFUDC Debt	46,349	-	-	-	-	-	-	-	-	-	-	-	-	46,349
929: AFUDC Equity	61,620	-	-	-	-	-	-	-	-	-	-	-	-	61,620
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(8,330,941)	-	-	-	-	-	-	-	-	-	-	-	-	(8,330,941)
825: Closing Cost of Removal	(1,121,314)	-	-	-	-	-	-	-	-	-	-	-	-	(1,121,314)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10003722 ELCE11 Feeder Rebuild

Company: 001 Electric Services
 Location: 100 Albuquerque Electric Services

Project Information

County % Valencia 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 5/30/2026

Description
 The El Cerro 11 (ELCE11) project includes the demolition and construction of the ELEC11 distribution feeder. The project will consist of a complete rebuild of approximately 10.53 miles of the ELCE11 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~ 371 poles to ensure they are the standard height and class, upgrading ~ 55,598 linear feet of primary wire 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable Neutral System, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done following the latest PNM engineering standards.

Project Need Justification
 The purpose of this project is to improve the reliability of PNM's ELCE11 Feeder which serves over 6,379 customers and has, over the last several years, experienced 16 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customers outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.
 Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
 An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
 The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
 This project will rebuild the ELCE11 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customers outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders).

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No: 10003722 ELCE11 Feeder Rebuild

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	10,000	10,500	10,500	11,431	14,931	17,963	75,325
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	14,583	19,083	19,083	27,463	58,963	86,250	225,425
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	757	795	795	865	1,130	1,360	5,702
914: Pension and Benefits	-	2,152	2,260	2,260	2,460	3,213	3,866	16,210
915: Injuries and Damages	-	856	899	899	979	1,278	1,538	6,448
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	3,544	4,192	4,192	5,400	9,939	13,872	41,139
926: A&G Loads	-	974	1,172	1,172	1,540	2,926	4,127	11,910
928: AFUDC Debt	-	20	65	114	170	259	398	1,026
929: AFUDC Equity	-	49	156	273	407	622	955	2,462
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	32,935	39,122	39,287	50,714	93,262	130,327	385,646

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	75,325	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	315,325
120: Overtime-General	-	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	48,000
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	225,425	37,583	37,583	37,583	37,583	37,583	37,583	37,583	37,583	37,583	37,583	37,583	37,583	676,425
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,702	1,807	1,807	1,807	1,807	1,807	1,807	1,807	1,807	1,807	1,807	1,807	1,807	27,389
914: Pension and Benefits	16,210	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	5,527	82,536
915: Injuries and Damages	6,448	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	35,104
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	41,139	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	139,541
926: A&G Loads	11,910	2,211	2,211	2,211	2,211	2,211	2,211	2,211	2,211	2,211	2,211	2,211	2,211	38,440
928: AFUDC Debt	1,026	799	956	1,113	1,271	1,430	1,590	1,751	1,119	814	971	335	490	13,664
929: AFUDC Equity	2,462	1,019	1,219	1,420	1,622	1,825	2,028	2,233	1,427	1,038	1,238	428	625	18,583
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(373,196)	(217,881)	-	(372,938)	-	-	(964,015)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(49,490)	(28,867)	-	(49,425)	-	-	(127,782)
Project Net	385,646	83,535	83,891	84,250	84,610	84,972	85,335	(336,985)	(162,486)	83,569	(338,438)	82,480	82,831	303,210

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	315,325	27,243	27,243	27,243	27,243	27,243	27,243	20,000	20,000	20,000	20,000	20,000	20,000	591,539
120: Overtime-General	48,000	-	-	-	-	-	-	-	-	-	-	-	-	48,000
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	676,425	205,602	205,602	205,602	205,602	205,602	205,602	140,417	140,417	140,417	140,417	140,417	140,417	2,687,351
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	27,389	2,051	2,051	2,051	2,051	2,051	2,051	1,506	1,506	1,506	1,506	1,506	1,506	48,187
914: Pension and Benefits	82,536	6,274	6,274	6,274	6,274	6,274	6,274	4,606	4,606	4,606	4,606	4,606	4,606	146,148
915: Injuries and Damages	35,104	2,711	2,711	2,711	2,711	2,711	2,711	1,990	1,990	1,990	1,990	1,990	1,990	62,587
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	139,541	28,046	28,046	28,046	28,046	28,046	28,046	19,380	19,380	19,380	19,380	19,380	19,380	415,430
926: A&G Loads	38,440	10,129	10,129	10,129	10,129	10,129	10,129	6,978	6,978	6,978	6,978	6,978	6,978	137,930
928: AFUDC Debt	13,664	704	1,153	1,241	1,514	223	154	463	773	1,085	1,399	1,714	2,031	26,119
929: AFUDC Equity	18,583	1,220	1,999	2,151	2,625	387	267	803	1,341	1,882	2,425	2,971	3,520	40,173
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(964,015)	-	(202,372)	(99,584)	(970,948)	(248,819)	-	-	-	-	-	-	(1,221,266)	(3,707,004)
825: Closing Cost of Removal	(127,782)	-	(27,224)	(13,396)	(130,516)	(33,847)	-	-	-	-	-	-	-	(163,696)
Project Net	303,210	283,979	55,612	172,468	(815,269)	-	195,298	196,142	196,991	197,843	198,700	199,561	(1,184,536)	-

Project No: 10005121 ELCE12 Feeder Rebuild

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Valencia 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 4/30/2023

Description
The El Cerro 12 (ELCE12) project includes the demolition and construction of the ELEC12 distribution feeder. The project will consist of a complete rebuild of approximately 83.67 miles of the ELCE12 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~ 144 poles to ensure they are the standard height and class, upgrading ~ 44,177 linear feet of primary wire 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable Neutral System, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done following the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's ELCE12 Feeder which serves over 8,426 customers and has, over the last several years, experienced 40 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the ELCE12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No:

10005121 ELCE12 Feeder Rebuild

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,573	102,510	84,317	55,694	3,616	3,016	3,016	253,743
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	430,163	101,054	96,935	44,115	-	-	-	672,267
370: Outside Services	1,029,993	506,790	371,003	303,542	32,548	27,148	27,148	2,298,174
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	2,572	60,632	58,161	26,469	-	-	-	147,834
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	119	7,760	6,383	4,216	274	228	228	19,208
914: Pension and Benefits	346	22,060	18,145	11,985	778	649	649	54,613
915: Injuries and Damages	135	8,775	7,218	4,767	310	258	258	21,720
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	33,404	27,098	25,993	11,829	-	-	-	98,324
922: Minor Material Load	9,211	-	-	-	-	-	-	9,211
925: E&S Loads	128,811	101,198	80,270	56,349	4,691	3,913	3,913	379,144
926: A&G Loads	58,348	30,531	24,172	17,021	1,432	1,195	1,195	133,894
928: AFUDC Debt	4,094	3,044	4,140	4,973	5,357	2,535	136	24,279
929: AFUDC Equity	11,134	7,305	9,936	11,935	12,857	6,086	327	59,580
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	(2,051,508)	(1,739,780)	(32,526)	(3,823,814)
825: Closing Cost of Removal	-	-	-	-	(138,650)	(119,132)	(2,844)	(260,626)
Project Net	1,709,903	978,756	786,674	552,896	(2,128,296)	(1,813,882)	1,501	87,552

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	253,743	2,000	-	-	-	-	-	-	-	-	-	-	-	255,743
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	672,267	-	-	-	-	-	-	-	-	-	-	-	-	672,267
370: Outside Services	2,298,174	18,000	-	-	-	-	-	-	-	-	-	-	-	2,316,174
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	147,834	-	-	-	-	-	-	-	-	-	-	-	-	147,834
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,208	151	-	-	-	-	-	-	-	-	-	-	-	19,359
914: Pension and Benefits	54,613	461	-	-	-	-	-	-	-	-	-	-	-	55,074
915: Injuries and Damages	21,720	199	-	-	-	-	-	-	-	-	-	-	-	21,919
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	98,324	-	-	-	-	-	-	-	-	-	-	-	-	98,324
922: Minor Material Load	9,211	-	-	-	-	-	-	-	-	-	-	-	-	9,211
925: E&S Loads	379,144	2,393	-	-	-	-	-	-	-	-	-	-	-	381,537
926: A&G Loads	133,894	718	-	-	-	-	-	-	-	-	-	-	-	134,612
928: AFUDC Debt	24,279	194	150	87	-	-	-	-	-	-	-	-	-	24,709
929: AFUDC Equity	59,580	247	191	111	-	-	-	-	-	-	-	-	-	60,129
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,823,814)	(31,430)	(30,091)	(41,021)	-	-	-	-	-	-	-	-	-	(3,926,356)
825: Closing Cost of Removal	(260,626)	(3,054)	(2,909)	(3,947)	-	-	-	-	-	-	-	-	-	(270,536)
Project Net	87,552	(10,122)	(32,659)	(44,771)	-	-	-	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	255,743	-	-	-	-	-	-	-	-	-	-	-	-	255,743
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	672,267	-	-	-	-	-	-	-	-	-	-	-	-	672,267
370: Outside Services	2,316,174	-	-	-	-	-	-	-	-	-	-	-	-	2,316,174
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	147,834	-	-	-	-	-	-	-	-	-	-	-	-	147,834
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,359	-	-	-	-	-	-	-	-	-	-	-	-	19,359
914: Pension and Benefits	55,074	-	-	-	-	-	-	-	-	-	-	-	-	55,074
915: Injuries and Damages	21,919	-	-	-	-	-	-	-	-	-	-	-	-	21,919
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	98,324	-	-	-	-	-	-	-	-	-	-	-	-	98,324
922: Minor Material Load	9,211	-	-	-	-	-	-	-	-	-	-	-	-	9,211
925: E&S Loads	381,537	-	-	-	-	-	-	-	-	-	-	-	-	381,537
926: A&G Loads	134,612	-	-	-	-	-	-	-	-	-	-	-	-	134,612
928: AFUDC Debt	24,709	-	-	-	-	-	-	-	-	-	-	-	-	24,709
929: AFUDC Equity	60,129	-	-	-	-	-	-	-	-	-	-	-	-	60,129
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,926,356)	-	-	-	-	-	-	-	-	-	-	-	-	(3,926,356)
825: Closing Cost of Removal	(270,536)	-	-	-	-	-	-	-	-	-	-	-	-	(270,536)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 10005123 TEP Buildout 2022
Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date 4/13/2022
Estimated Completion Date 12/31/2023

County %	Bernalillo	45%
	Santa Fe	35%
	Sandoval	15%
	Grant	3%
	Counties less	2%

Description

House Bill 521 – PRC Application for Vehicle Electricity (HB 521) was enacted into law on June 14th, 2019 and requires investor-owned utilities (IOUs) to file an application to expand transportation electrification with the New Mexico Public Regulation Commission (NMPRC) by January 1, 2021. Pursuant to HB 521, Public Service Company of New Mexico (PNM) proposed a Transportation Electrification Program (TEP or Program) that includes infrastructure incentives for residential and non-residential customers, pilot rates for residential and non-residential customers, funding for education and outreach, and administrative costs for program implementation. PNM will recover the cost of the Program implementation through a rider.

The pilot residential rate is a Whole-Home EV (WHEV) pilot rate. The WHEV rate will require the installation of an advanced meter to record both time period and interval data. While it would be possible for a customer to shift all their load to discounted period, this would still benefit the system by reducing demand on the system during peak periods and would therefore benefit the system and all customers.

The purpose of the TEP Buildout Project is to purchase, install and configure the software and hardware required to implement the new WHEV rate. Itron (vendor) is supplying both the software (MV-90, Cell Manager and Itron Security Manager) and the advanced meters. Cognizant (vendor) is responsible for creating the integration software that will connect the data collection application (MV-90) to PNM's billing application (Banner). This project is for the purchase of the advanced meters required to implement the WHEV rate.

Project Need Justification

Project is required in order to implement the new WHEV rate approved by NMPRC.

Project Alternatives

None. The applications and meters being purchased or upgraded are required to bring on the new rate.

Project Estimate Approach

Project costs were estimated based on proposals from vendors and inputs from impacted internal business units concerning the needs for internal resources.

Customer Benefit

The solution will provide the following benefits:

- Enroll at least 2,000 customers with electric vehicles in PNM service area by Dec 31, 2023 in this program. The enrollment is capped 4,900 customers for the Whole Home EV Rate.
- Ability to shift EV charging load to off-peak periods.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Project is required to meet NMPRC requirement to implement the new WHEV rate.

Environmental

Project No:	10005123 TEP Buildout 2022							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	8,400	7,200	6,000	5,400	5,400	7,400	39,800
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	59,590	-	350,594	410,184
370: Outside Services	-	35,419	27,328	30,025	32,722	40,815	21,575	187,884
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	636	545	454	409	409	560	3,013
914: Pension and Benefits	-	1,808	1,549	1,291	1,162	1,162	1,592	8,565
915: Injuries and Damages	-	719	616	514	462	462	633	3,407
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	15,979	-	94,012	109,991
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	5,873	4,655	4,786	12,468	6,031	47,794	81,607
926: A&G Loads	-	1,735	1,367	1,427	3,869	1,830	15,031	25,260
928: AFUDC Debt	-	34	95	150	260	378	750	1,667
929: AFUDC Equity	-	81	228	360	625	908	1,800	4,002
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	54,705	43,584	45,006	132,947	57,396	541,743	875,379

Project No:	10005123 TEP Buildout 2022													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	39,800	2,000	-	-	-	-	-	-	-	-	-	-	-	41,800
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	410,184	-	323,625	-	431,500	-	-	-	-	-	-	-	-	1,165,309
370: Outside Services	187,884	-	-	-	-	-	-	-	-	-	-	-	-	187,884
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,013	151	-	-	-	-	-	-	-	-	-	-	-	3,163
914: Pension and Benefits	8,565	461	-	-	-	-	-	-	-	-	-	-	-	9,026
915: Injuries and Damages	3,407	199	-	-	-	-	-	-	-	-	-	-	-	3,606
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	109,991	-	91,735	-	122,313	-	-	-	-	-	-	-	-	324,039
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	81,607	323	37,217	-	49,623	-	-	-	-	-	-	-	-	168,769
926: A&G Loads	25,260	72	11,618	-	15,491	-	-	-	-	-	-	-	-	52,440
928: AFUDC Debt	1,667	1,642	2,087	2,532	3,123	3,717	3,735	3,753	3,771	3,789	3,808	3,826	3,845	41,296
929: AFUDC Equity	4,002	2,095	2,663	3,229	3,984	4,741	4,764	4,787	4,811	4,834	4,857	4,881	4,904	54,553
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(1,817,160)	(1,817,160)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(234,724)	(234,724)
Project Net	875,379	6,942	468,945	5,761	626,033	8,458	8,499	8,540	8,582	8,623	8,665	8,707	(2,043,136)	-

Project No:	10005123 TEP Buildout 2022													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	41,800	-	-	-	-	-	-	-	-	-	-	-	-	41,800
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,165,309	-	-	-	-	-	-	-	-	-	-	-	-	1,165,309
370: Outside Services	187,884	-	-	-	-	-	-	-	-	-	-	-	-	187,884
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,163	-	-	-	-	-	-	-	-	-	-	-	-	3,163
914: Pension and Benefits	9,026	-	-	-	-	-	-	-	-	-	-	-	-	9,026
915: Injuries and Damages	3,606	-	-	-	-	-	-	-	-	-	-	-	-	3,606
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	324,039	-	-	-	-	-	-	-	-	-	-	-	-	324,039
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	168,769	-	-	-	-	-	-	-	-	-	-	-	-	168,769
926: A&G Loads	52,440	-	-	-	-	-	-	-	-	-	-	-	-	52,440
928: AFUDC Debt	41,296	-	-	-	-	-	-	-	-	-	-	-	-	41,296
929: AFUDC Equity	54,553	-	-	-	-	-	-	-	-	-	-	-	-	54,553
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,817,160)	-	-	-	-	-	-	-	-	-	-	-	-	(1,817,160)
825: Closing Cost of Removal	(234,724)	-	-	-	-	-	-	-	-	-	-	-	-	(234,724)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10028021 Warehouse Computer Enhancement

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date 1/1/2020
Estimated Completion Date 12/31/2025

County %	Bernalillo	20% Sandoval	5%
	DentonTX	30% Grant	5%
	Santa Fe	10% Socorro	5%
	San Miguel	5% San Juan	10%
	Dona Ana	5% Sierra	5%

Description
PNMR operates a number of warehouses throughout NM that currently rely on a decades-old system of paper logs for managing requests and returns from line crews. Materials managed in this fashion cover the gamut of materiel used on PNMR's distribution and transmission facilities, from cables and transformers to clamps and bolts. The Warehouse Computer Enhancement project will automate all current hand-written logs as well inventory counts. The project will implement a scan system with one-button upload into the Maximo enterprise asset management system, saving considerable time and greatly improving accuracy. Efficiencies gained will provide faster turnaround time at the counter for crews to get the materiel needed. Because crews frequently request items on the proactive assumption that they may be needed for a particular job, which might not necessarily be the case once a trouble call is investigated, items often need to be returned to the warehouse later. The project will automate that return process, with similar expected efficiencies and savings.

Project Need Justification
The two principle drivers for the Warehouse Enhancements project are a significant need to improve the speed with which materiel can be issued to crews and a related need to ensure PNMR knows with real-time, absolute accuracy, what is available and where. The implemented new system will free warehouse personnel from desk duties associated with manual processing so they can actively retrieve and return material. It is also expected to improve warehouse personnel accuracy as they will no longer face distractions and confusion inherent in any manual process.

Project Alternatives
The principle alternative to implementing a new warehouse check-in/out system would be doing nothing. As the current manual system is one that has been in use and "perfected" over many years, all available efficiencies possible in such a system have been explored, implemented, and ultimately found deficient. Because crews and warehouse personnel have been narrowed to the most efficient staffing levels possible, and because systems like this are readily available and now relatively inexpensive to install, doing nothing and continuing to attempt to work in the current inefficient environment is no longer an option for PNMR.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
PNMR customers benefit from the Warehouse Computer Enhancements project by experiencing quicker response from crews responding to trouble calls, as a result of their spending less time at warehouses and having a reduced likelihood of arriving on-site with the wrong equipment. Because the project will result in much greater accuracy at various warehouses, PNMR will be able to order with sufficient lead time to both reduce quantity of materiel stored and ensure that no items are unavailable due to lack of awareness of inventory.

Primary Value Driver Reliability

Safety

Reliability
While PNMR does not operate warehouses on the scale of an Amazon or Walmart, it can gain and does need significant benefits from the technological advances those companies have helped drive in the warehouse and inventory control arenas. Because these improvements have been in development and refinement for many years with sufficient economies of scale, companies like PNMR now can benefit from those advancements at relatively low cost. The resulting efficiencies will help ensure PNMR's critical warehouse operations are stocked with all necessary items with little waste and crews can retrieve items needed with minimal time en route to trouble calls, resulting in increased reliability for the entire distribution and transmission systems.

System Performance

Security

Compliance

Environmental

Project No:	10028021 Warehouse Computer Enhancement							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	22,339	-	-	-	-	-	-	22,339
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	4,101	-	-	-	-	-	-	4,101
370: Outside Services	78,946	9,000	9,000	9,000	9,000	9,000	-	123,946
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,991	336	363	394	423	452	473	5,432
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,682	-	-	-	-	-	-	1,682
914: Pension and Benefits	4,985	-	-	-	-	-	-	4,985
915: Injuries and Damages	1,806	-	-	-	-	-	-	1,806
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	292	-	-	-	-	-	-	292
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	5,596	356	356	356	356	356	-	7,378
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(170,636)	(170,636)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	122,738	9,693	9,719	9,751	9,779	9,809	(170,163)	1,325

Project No:	10028021 Warehouse Computer Enhancement													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	22,339	-	-	-	-	-	-	-	-	-	-	-	-	22,339
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	4,101	-	-	-	-	-	-	-	-	-	-	-	-	4,101
370: Outside Services	123,946	-	-	-	-	-	-	-	-	-	-	-	-	123,946
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	5,432	-	-	-	-	-	-	-	-	-	-	-	-	5,432
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,682	-	-	-	-	-	-	-	-	-	-	-	-	1,682
914: Pension and Benefits	4,985	-	-	-	-	-	-	-	-	-	-	-	-	4,985
915: Injuries and Damages	1,806	-	-	-	-	-	-	-	-	-	-	-	-	1,806
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	292	-	-	-	-	-	-	-	-	-	-	-	-	292
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	7,378	-	-	-	-	-	-	-	-	-	-	-	-	7,378
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(170,636)	-	-	-	-	-	-	-	-	-	-	-	-	(170,636)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,325	-	-	-	-	-	-	-	-	-	-	-	-	1,325

Project No:	10028021 Warehouse Computer Enhancement													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	22,339	-	-	-	-	-	-	-	-	-	-	-	-	22,339
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	4,101	-	-	-	-	-	-	-	-	-	-	-	-	4,101
370: Outside Services	123,946	-	-	-	-	-	-	-	-	-	-	-	-	123,946
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	5,432	-	-	-	-	-	-	-	-	-	-	-	-	5,432
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,682	-	-	-	-	-	-	-	-	-	-	-	-	1,682
914: Pension and Benefits	4,985	-	-	-	-	-	-	-	-	-	-	-	-	4,985
915: Injuries and Damages	1,806	-	-	-	-	-	-	-	-	-	-	-	-	1,806
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	292	-	-	-	-	-	-	-	-	-	-	-	-	292
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	7,378	-	-	-	-	-	-	-	-	-	-	-	-	7,378
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(170,636)	-	-	-	-	-	-	-	-	-	-	-	-	(170,636)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,325	-	-	-	-	-	-	-	-	-	-	-	-	1,325

Project No: 10029822 Synergi Upgrade

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Total System 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 3/31/2023

Description
This project is to update the Synergi Electric software to move towards automating the model building process. This software will build links from the equipment data into the model building process to enable quicker model builds that will support the ultimate goal of allowing PNM to run Synergi's distributed energy resources (DER) Hosting Capacity and 576 hourly circuit analyses.

Project Need Justification
The Synergi upgrade to enable Hosting Capacity analysis will allow PNM to meet the Hosting Capacity requirements that the New Mexico Public Regulation Commission (NMPRC) is developing. Static substation models for each existing substation are required for Hosting Capacity studies. The risk of not completing this project is that Distribution Planning will be unable to do Hosting Capacity analysis.

Project Alternatives
The only alternative is to do nothing. Doing nothing would mean that PNM would be unable to do Hosting Capacity analysis and will continue to work with a stale models, which causes inaccurate analyses.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers will benefit from this project with improved system performance resulting in more DER integration capacity.

Primary Value Driver System Performance

Safety

Reliability

System Performance The upgraded Synergi Software will improve system performance by allowing PNM to conduct Hosting Capacity analyses, which will provide PNM information about circuits and locations that can accommodate more DER integration.

Security

Compliance PNM will be able to comply with the NMPRC's expected requirement to do Hosting Capacity analysis on every distribution circuit.

Environmental

Project No: 10029822 Synergi Upgrade

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	21,286	22,050	27,312	70,648
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	30	92	165	287
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	843	873	1,082	2,798
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(73,733)	(73,733)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	22,159	23,015	(45,174)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	70,648	17,382	17,453	22,320	-	-	-	-	-	-	-	-	-	127,803
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	287	25	76	135	-	-	-	-	-	-	-	-	-	523
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	2,798	624	627	801	-	-	-	-	-	-	-	-	-	4,850
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(73,733)	-	-	(59,443)	-	-	-	-	-	-	-	-	-	(133,176)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	18,031	18,155	(36,187)	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	127,803	-	-	-	-	-	-	-	-	-	-	-	-	127,803
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	523	-	-	-	-	-	-	-	-	-	-	-	-	523
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,850	-	-	-	-	-	-	-	-	-	-	-	-	4,850
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(133,176)	-	-	-	-	-	-	-	-	-	-	-	-	(133,176)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10029921 Synergi Software Upgrade

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Total System 100%

Estimated Start Date 5/1/2021

Estimated Completion Date 10/31/2022

Description
This project is to update the Synergi Electric software to better model distributed energy resources (DER) derived from the Environmental Systems Research Institute (ESRI), Geographical Information System (GIS), with the ultimate goal of allowing PNM to run Synergi's DER Hosting Capacity and 576 hourly circuit analyses. The Synergi Electric model build process will also be updated to include PNM's downtown secondary underground mesh network. A static substation model for each existing substation will be created using the Synergi Substation Wizard tool to enable Hosting Capacity studies. These substation models will be created as a one-time build and will not be updated automatically from the GIS as are the rest of the distribution system feeder models.

Project Need Justification
The Synergi upgrade to enable Hosting Capacity analysis will allow PNM to meet the Hosting Capacity requirements that the New Mexico Public Regulation Commission (NMPRC) is developing. Static substation models for each existing substation are required for Hosting Capacity studies. The risk of not completing this project is that Distribution Planning will be unable to do Hosting Capacity analysis and will continue to work with a stale model of the downtown network which causes inaccurate analyses.

Project Alternatives
The only alternative is to do nothing. Doing nothing would mean that PNM would be unable to do Hosting Capacity analysis and will continue to work with a stale model of the downtown network which causes inaccurate analyses.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers will benefit from this project with improved system performance resulting in more DER integration capacity.

Primary Value Driver System Performance

Safety

Reliability

System Performance The upgraded Synergi Software will improve system performance by allowing PNM to conduct Hosting Capacity analyses, which will provide PNM information about circuits and locations that can accommodate more DER integration.

Security

Compliance PNM will be able to comply with the NMPRC's expected requirement to do Hosting Capacity analysis on every distribution circuit.

Environmental

Project No:	10029921 Synergi Software Upgrade							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	14,842	5,188	1,199	-	-	-	-	21,229
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	99,548	15,534	15,534	15,534	15,534	-	-	161,684
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,526	-	-	-	-	-	-	3,526
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,464	378	435	488	-	-	-	2,766
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,117	393	91	-	-	-	-	1,601
914: Pension and Benefits	3,275	1,116	258	-	-	-	-	4,649
915: Injuries and Damages	1,193	444	103	-	-	-	-	1,739
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	324	-	-	-	-	-	-	324
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	5,930	821	663	615	615	-	-	8,644
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(188,803)	(16,149)	-	-	(204,953)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	131,218	23,874	18,282	(172,166)	-	-	-	1,209

Project No:	10029921 Synergi Software Upgrade													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	21,229	-	-	-	-	-	-	-	-	-	-	-	-	21,229
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	161,684	-	-	-	-	-	-	-	-	-	-	-	-	161,684
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,526	-	-	-	-	-	-	-	-	-	-	-	-	3,526
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,766	-	-	-	-	-	-	-	-	-	-	-	-	2,766
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,601	-	-	-	-	-	-	-	-	-	-	-	-	1,601
914: Pension and Benefits	4,649	-	-	-	-	-	-	-	-	-	-	-	-	4,649
915: Injuries and Damages	1,739	-	-	-	-	-	-	-	-	-	-	-	-	1,739
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	324	-	-	-	-	-	-	-	-	-	-	-	-	324
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	8,644	-	-	-	-	-	-	-	-	-	-	-	-	8,644
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(204,953)	-	-	-	-	-	-	-	-	-	-	-	-	(204,953)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,209	-	-	-	-	-	-	-	-	-	-	-	-	1,209

Project No:	10029921 Synergi Software Upgrade													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	21,229	-	-	-	-	-	-	-	-	-	-	-	-	21,229
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	161,684	-	-	-	-	-	-	-	-	-	-	-	-	161,684
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,526	-	-	-	-	-	-	-	-	-	-	-	-	3,526
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,766	-	-	-	-	-	-	-	-	-	-	-	-	2,766
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,601	-	-	-	-	-	-	-	-	-	-	-	-	1,601
914: Pension and Benefits	4,649	-	-	-	-	-	-	-	-	-	-	-	-	4,649
915: Injuries and Damages	1,739	-	-	-	-	-	-	-	-	-	-	-	-	1,739
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	324	-	-	-	-	-	-	-	-	-	-	-	-	324
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	8,644	-	-	-	-	-	-	-	-	-	-	-	-	8,644
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(204,953)	-	-	-	-	-	-	-	-	-	-	-	-	(204,953)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,209	-	-	-	-	-	-	-	-	-	-	-	-	1,209

Project No: 10029923 TEP Buildout 2022

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date 4/1/2022
Estimated Completion Date 12/31/2023

County %	Bernalillo	45%
	Santa Fe	35%
	Sandoval	15%
	Grant	3%
	Counties less	2%

Description

House Bill 521 – PRC Application for Vehicle Electricity (HB 521) was enacted into law on June 14th, 2019 and requires investor-owned utilities (IOUs) to file an application to expand transportation electrification with the New Mexico Public Regulation Commission (NMPRC) by January 1, 2021. Pursuant to HB 521, Public Service Company of New Mexico (PNM) proposed a Transportation Electrification Program (TEP or Program) that includes infrastructure incentives for residential and non-residential customers, pilot rates for residential and non-residential customers, funding for education and outreach, and administrative costs for program implementation. PNM will recover the cost of the Program implementation through a rider.

The pilot residential rate is a Whole-Home EV (WHEV) pilot rate. The WHEV rate will require the installation of an advanced meter to record both time period and interval data. While it would be possible for a customer to shift all their load to discounted period, this would still benefit the system by reducing demand on the system during peak periods and would therefore benefit the system and all customers.

The purpose of the TEP Buildout Project is to purchase, install and configure the software and hardware required to implement the new WHEV rate. Itron (vendor) is supplying both the software (MV-90, Cell Manager and Itron Security Manager) and the advanced meters. Cognizant (vendor) is responsible for creating the integration software that will connect the data collection application (MV-90) to PNM's billing application (Banner). This project is for the purchase of the software and hardware (i.e., not meters) required to implement the WHEV rate.

Project Need Justification

Project is required in order to implement new WHEV rate approved by NMPRC.

Project Alternatives

None. The applications and meters being purchased or upgraded are required to bring on the new rate.

Project Estimate Approach

Project costs were estimated based on proposals from vendors and inputs from impacted internal business units concerning the needs for internal resources.

Customer Benefit

The solution will provide the following benefits:

- Enroll at least 2,000 customers with electric vehicles in PNM service area by Dec 31, 2023 in this program. The enrollment is capped 4,900 customers for the Whole Home EV Rate.
- Ability to shift EV charging load to off-peak periods.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Project is required to meet NMPRC requirement to implement the new WHEV rate.

Environmental

Project No:	10029923 TEP Buildout 2022							EndBal-22
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
110: Straight Time-General	8,390	10,000	10,000	10,000	10,000	10,000	7,400	65,790
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	100,000	-	350,594	450,594
370: Outside Services	-	35,419	50,000	30,025	50,000	40,815	50,000	256,259
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	41	164	321	478	811	1,167	1,987	4,968
610: Expenses - General	23,081	-	-	-	-	-	-	23,081
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	635	757	757	757	757	757	560	4,980
914: Pension and Benefits	1,848	2,152	2,152	2,152	2,152	2,152	1,592	14,201
915: Injuries and Damages	718	856	856	856	856	856	633	5,632
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	69	-	-	-	26,815	-	94,012	120,896
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	1,246	1,799	2,376	1,585	6,336	2,012	16,157	31,511
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	36,029	51,147	66,462	45,853	197,727	57,759	522,936	977,911

Project No:	10029923 TEP Buildout 2022												EndBal-23	
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23		Dec-23
110: Straight Time-General	65,790	2,000	-	-	-	-	-	-	-	-	-	-	-	67,790
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	450,594	-	323,625	-	431,500	-	-	-	-	-	-	-	-	1,205,719
370: Outside Services	256,259	-	-	-	-	-	-	-	-	-	-	-	-	256,259
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	4,968	2,711	3,341	4,010	4,818	5,709	5,846	5,928	6,035	6,138	6,264	6,356	6,482	68,607
610: Expenses - General	23,081	-	-	-	-	-	-	-	-	-	-	-	-	23,081
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,980	151	-	-	-	-	-	-	-	-	-	-	-	5,131
914: Pension and Benefits	14,201	461	-	-	-	-	-	-	-	-	-	-	-	14,661
915: Injuries and Damages	5,632	199	-	-	-	-	-	-	-	-	-	-	-	5,831
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	120,896	-	91,735	-	122,313	-	-	-	-	-	-	-	-	334,944
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	31,511	72	11,618	-	15,491	-	-	-	-	-	-	-	-	58,691
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(2,040,672)	(2,040,672)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	977,911	5,593	430,319	4,010	574,122	5,709	5,846	5,928	6,035	6,138	6,264	6,356	(2,034,191)	41

Project No:	10029923 TEP Buildout 2022												EndBal-24	
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24		Dec-24
110: Straight Time-General	67,790	-	-	-	-	-	-	-	-	-	-	-	-	67,790
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,205,719	-	-	-	-	-	-	-	-	-	-	-	-	1,205,719
370: Outside Services	256,259	-	-	-	-	-	-	-	-	-	-	-	-	256,259
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	68,607	-	-	-	-	-	-	-	-	-	-	-	-	68,607
610: Expenses - General	23,081	-	-	-	-	-	-	-	-	-	-	-	-	23,081
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,131	-	-	-	-	-	-	-	-	-	-	-	-	5,131
914: Pension and Benefits	14,661	-	-	-	-	-	-	-	-	-	-	-	-	14,661
915: Injuries and Damages	5,831	-	-	-	-	-	-	-	-	-	-	-	-	5,831
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	334,944	-	-	-	-	-	-	-	-	-	-	-	-	334,944
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	58,691	-	-	-	-	-	-	-	-	-	-	-	-	58,691
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,040,672)	-	-	-	-	-	-	-	-	-	-	-	-	(2,040,672)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	41	-	-	-	-	-	-	-	-	-	-	-	-	41

Project No: 10030610 **Communication and Equipment Blanket**

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Total System 100%

Estimated Start Date 12/7/2009

Estimated Completion Date 12/31/2027

Description

This project covers all Distribution Communications capital improvement projects related to PNM Corporate Capitalization Policy 226 Capitalization. This project will provide capital funding for the replacement of aging equipment, station improvements, or system replacements as outlined under the capitalization policy. This funding directly supports system reliability and safety for PNM personnel.

Projects are identified during routine substation inspections or maintenance for replacement or modifications of an asset. Projects are prioritized based on system needs and potential vulnerability, criticality of the equipment or system, and age of the equipment or system.

Project Need Justification

Without this funding project, smaller station improvements and equipment replacement would be grouped in with larger funding projects which would delay implementation of needed improvements or replacements.

Project Alternatives

None. This project simply provides capital funding for replacement of aging equipment, station improvements, or system replacements as outlined under PNM's capitalization policy.

Project Estimate Approach

Not required for projects with less than \$250,000 of expenditures.

Customer Benefit

Customers benefit from this project by extension of service lives or replacement of aging equipment or systems, which reduce risks of unplanned outages.

Primary Value Driver Reliability

Safety

Reliability This project increases overall system reliability by extending service lives or replacement of aging equipment or systems, which reduce risks of unplanned outages.

System Performance

Security

Compliance

Environmental

Project No: 10030610 Communication and Equipment Blanket

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,962	150	2,000	150	150	150	2,000	7,562
120: Overtime-General	1,236	-	-	-	-	-	-	1,236
350: Material Issues-Major	109,664	500	2,690	500	500	500	2,000	116,354
370: Outside Services	18,348	-	-	-	-	-	-	18,348
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	4,286	-	-	-	-	-	-	4,286
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	307	11	151	11	11	11	151	655
914: Pension and Benefits	1,095	32	430	32	32	32	430	2,085
915: Injuries and Damages	279	13	171	13	13	13	171	672
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,455	134	721	134	134	134	536	5,249
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	9,697	26	186	26	26	26	158	10,144
928: AFUDC Debt	2,330	24	29	33	35	36	40	2,527
929: AFUDC Equity	2,762	58	69	80	83	86	96	3,234
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(137,783)	-	-	-	-	-	(30,836)	(168,619)
825: Closing Cost of Removal	(1,902)	-	-	-	-	-	(1,832)	(3,734)
Project Net	16,735	948	6,448	980	984	988	(27,084)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	7,562	150	150	150	2,000	150	150	150	2,000	150	150	150	2,000	14,912
120: Overtime-General	1,236	-	-	-	-	-	-	-	-	-	-	-	-	1,236
350: Material Issues-Major	116,354	500	500	500	2,000	500	500	500	2,000	500	500	500	1,900	126,754
370: Outside Services	18,348	-	-	-	-	-	-	-	-	-	-	-	-	18,348
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	4,286	-	-	-	-	-	-	-	-	-	-	-	-	4,286
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	655	11	11	11	151	11	11	11	151	11	11	11	151	1,209
914: Pension and Benefits	2,085	35	35	35	461	35	35	35	461	35	35	35	461	3,778
915: Injuries and Damages	672	15	15	15	199	15	15	15	199	15	15	15	199	1,404
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	5,249	142	142	142	567	142	142	142	567	142	142	142	539	8,197
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	10,144	23	23	23	144	23	23	23	144	23	23	23	140	10,781
928: AFUDC Debt	2,527	1	2	4	10	16	18	20	26	32	34	35	41	2,766
929: AFUDC Equity	3,234	1	3	5	13	21	23	25	33	41	43	45	53	3,539
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(168,619)	-	-	-	-	-	-	-	-	-	-	-	(21,939)	(190,558)
825: Closing Cost of Removal	(3,734)	-	-	-	-	-	-	-	-	-	-	-	(2,918)	(6,651)
Project Net	(0)	878	881	885	5,544	913	917	920	5,579	948	952	956	(19,374)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	14,912	150	150	150	2,000	150	150	150	2,000	150	150	150	2,000	22,262
120: Overtime-General	1,236	-	-	-	-	-	-	-	-	-	-	-	-	1,236
350: Material Issues-Major	126,754	500	500	500	2,000	500	500	500	2,000	500	500	500	1,000	136,254
370: Outside Services	18,348	-	-	-	-	-	-	-	-	-	-	-	-	18,348
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	4,286	-	-	-	-	-	-	-	-	-	-	-	-	4,286
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,209	11	11	11	151	11	11	11	151	11	11	11	151	1,762
914: Pension and Benefits	3,778	35	35	35	461	35	35	35	461	35	35	35	461	5,471
915: Injuries and Damages	1,404	15	15	15	199	15	15	15	199	15	15	15	199	2,135
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,197	142	142	142	567	142	142	142	567	142	142	142	283	10,889
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	10,781	28	28	28	174	28	28	28	174	28	28	28	131	11,514
928: AFUDC Debt	2,766	1	2	4	9	14	15	17	22	27	29	30	34	2,968
929: AFUDC Equity	3,539	1	4	6	15	24	26	29	38	47	49	52	59	3,890
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(190,558)	-	-	-	-	-	-	-	-	-	-	-	(21,016)	(211,574)
825: Closing Cost of Removal	(6,651)	-	-	-	-	-	-	-	-	-	-	-	(2,790)	(9,442)
Project Net	0	883	887	890	5,575	918	922	926	5,611	955	959	963	(19,488)	0

Project No: 10030619 ESC Security Project

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 8/1/2019

Estimated Completion Date 9/1/2022

Description
This project will increase security at the Electric Service Center (ESC). In Q2 2019, the ESC has had multiple burglaries and thefts which resulted in monetary losses in excess of \$30,000 and damage to PNM property. This project will include the installation of new security lighting and cameras, creating a clear zone around our fence line, and other physical hardening efforts designed to detect, deter and delay criminal conduct. The proposed improvements will also increase safety and minimize the possibility of unauthorized individuals being on the property, limiting potential confrontations.

Project Need Justification
This project is essential to securing the ESC and associated resources through the prevention of criminal intrusions and to minimizing damage and loss of PNM equipment.

Project Alternatives
An alternative considered for this project is to hire additional security personnel. Guard force services have been deployed at the site for 24/7 coverage to deter criminal activity at a cost of approximately \$2,400 a month. This will ultimately be less effective and more costly than hardening the ESC security and leveraging technology to prevent criminal intrusions.

Project Estimate Approach
The cost estimate of this project was developed by evaluating past similar projects. Specifically, this evaluation includes vendor equipment, labor, and test costs.

Customer Benefit
Customers benefit from this project by eliminating criminal intrusions at the ESC which have led to unnecessary damage and loss of PNM property, which could further lead to delays in scheduled project work.

Primary Value Driver Security

Safety
The proposed improvements will increase visibility and safety for PNM personnel and contractors. The lighting also enhances visual capabilities for security staff who monitor (via remote cameras) the campus, perimeter fence, and on-site assets.

Reliability

System Performance

Security
This project will remove several physical and technological barriers at the ESC, which in turn will reduce the risks of physical breaches and increase overall ESC security.

Compliance

Environmental

Project No:	10030619 ESC Security Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	321,570	-	-	-	-	-	-	321,570
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	641	-	-	-	-	-	-	641
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	19,164	-	-	-	-	-	-	19,164
928: AFUDC Debt	4,635	-	-	-	-	-	-	4,635
929: AFUDC Equity	6,265	-	-	-	-	-	-	6,265
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(323,097)	-	-	1,088	-	-	-	(322,008)
825: Closing Cost of Removal	-	-	-	(30,267)	-	-	-	(30,267)
Project Net	29,178	-	-	(29,178)	-	-	-	-

Project No:	10030619 ESC Security Project													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	321,570	-	-	-	-	-	-	-	-	-	-	-	-	321,570
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	641	-	-	-	-	-	-	-	-	-	-	-	-	641
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	19,164	-	-	-	-	-	-	-	-	-	-	-	-	19,164
928: AFUDC Debt	4,635	-	-	-	-	-	-	-	-	-	-	-	-	4,635
929: AFUDC Equity	6,265	-	-	-	-	-	-	-	-	-	-	-	-	6,265
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(322,008)	-	-	-	-	-	-	-	-	-	-	-	-	(322,008)
825: Closing Cost of Removal	(30,267)	-	-	-	-	-	-	-	-	-	-	-	-	(30,267)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	10030619 ESC Security Project													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	321,570	-	-	-	-	-	-	-	-	-	-	-	-	321,570
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	641	-	-	-	-	-	-	-	-	-	-	-	-	641
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	19,164	-	-	-	-	-	-	-	-	-	-	-	-	19,164
928: AFUDC Debt	4,635	-	-	-	-	-	-	-	-	-	-	-	-	4,635
929: AFUDC Equity	6,265	-	-	-	-	-	-	-	-	-	-	-	-	6,265
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(322,008)	-	-	-	-	-	-	-	-	-	-	-	-	(322,008)
825: Closing Cost of Removal	(30,267)	-	-	-	-	-	-	-	-	-	-	-	-	(30,267)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 10031922 Gen Svcs Bldg Maint Blanket-Distr

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

Estimated Start Date 1/1/2021
Estimated Completion Date 12/31/2027

County %	Bernalillo	60%
	Sandoval	15%
	Lincoln	15%
	Grant	10%

Description
This project covers the allocated funds for the General Services organization to support various New Mexico Distribution Operations facility improvements. Projects may include items such as heating, ventilation, and air conditioning (HVAC) systems, pumps, compressors, interior/exterior remodels, office furnishings, general equipment replacements and infrastructure improvements (i.e., roofs, etc.) specific to the Distribution facilities as needs are identified. General Services and Building Maintenance personnel will coordinate efforts with New Mexico Operations personnel to prioritize and respond to requests.

Project Need Justification
This project is needed to repair and replace equipment in PNM's Distribution facilities. These repairs ensure a safe environment for PNM personnel and reduce the risk of catastrophic equipment failures that could impact the ability to use these spaces and require more costly repairs.

Project Alternatives
Individual project funding requirements are appropriately reviewed with internal/external subject matter experts as situations arise to determine best course of action for safe and economic problem resolution. Use of architectural and engineering professionals are often consulted to provide input and/or recommendations to help drive decisions for remediation and compliance.

Project Estimate Approach
Project costs were estimated based on similar work performed in the past. Individual pieces of equipment repaired/replaced as part of this project are evaluated by internal subject matter experts to determine how best to proceed with recommended solutions. This process will also help determine outside expertise (i.e., engineering and contractor support) for cost, safety and operational efficiencies.

Customer Benefit
This project provides General Services with the necessary funding to quickly and efficiently maintain PNM's facilities, where personnel provide an array of services to PNM's customer base.

Primary Value Driver Safety

Safety Constant repairs and improvements are required for facilities throughout PNM's service territory. Required improvements (if not appropriately addressed in a timely fashion) can result in further damage, leading to safety concerns for company personnel working in buildings where there is a potential safety hazard.

Reliability

System Performance

Security

Compliance OSHA and other local fire and building compliance factors may exist, depending on the nature of the hazard that has been identified during inspections. These situations occur throughout the year and are usually not known in advance.

Environmental

Project No:	10031922 Gen Svcs Bldg Maint Blanket-Distr							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	371,616	-	92,000	56,350	27,250	27,150	27,000	601,366
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	1,171	-	-	-	-	-	-	1,171
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	21,828	-	3,643	2,231	1,079	1,075	1,069	30,926
928: AFUDC Debt	1,962	351	412	510	566	604	642	5,048
929: AFUDC Equity	6,186	843	989	1,224	1,359	1,450	1,541	13,593
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(140,297)	-	-	-	-	-	(469,399)	(609,696)
825: Closing Cost of Removal	-	-	-	-	-	-	(42,408)	(42,408)
Project Net	262,466	1,194	97,045	60,315	30,255	30,280	(481,555)	-

Project No:	10031922 Gen Svcs Bldg Maint Blanket-Distr													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	601,366	-	-	80,000	90,000	80,000	91,500	90,000	90,000	80,000	80,000	80,000	80,000	1,442,866
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,171	-	-	-	-	-	-	-	-	-	-	-	-	1,171
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	30,926	-	-	2,872	3,231	2,872	3,285	3,231	3,231	2,872	2,872	2,872	2,872	61,136
928: AFUDC Debt	5,048	-	-	78	243	409	577	87	262	428	585	743	902	9,360
929: AFUDC Equity	13,593	-	-	99	310	521	736	111	334	546	746	948	1,150	19,094
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(609,696)	-	-	-	-	-	(314,279)	-	-	-	-	-	(462,639)	(1,386,615)
825: Closing Cost of Removal	(42,408)	-	-	-	-	-	(42,451)	-	-	-	-	-	(62,154)	(147,013)
Project Net	-	-	-	83,048	93,783	83,802	(260,633)	93,429	93,827	83,846	84,204	84,563	(439,869)	(0)

Project No:	10031922 Gen Svcs Bldg Maint Blanket-Distr													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	1,442,866	-	-	80,000	90,000	80,000	86,500	90,000	90,000	80,000	80,000	80,000	80,000	2,279,366
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,171	-	-	-	-	-	-	-	-	-	-	-	-	1,171
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	61,136	-	-	3,480	3,915	3,480	3,763	3,915	3,915	3,480	3,480	3,480	3,480	97,524
928: AFUDC Debt	9,360	-	-	66	207	348	487	635	787	931	1,067	1,205	1,343	16,435
929: AFUDC Equity	19,094	-	-	114	358	603	844	1,101	1,364	1,613	1,850	2,088	2,327	31,357
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,386,615)	-	-	-	-	-	-	-	-	-	-	-	(787,478)	(2,174,093)
825: Closing Cost of Removal	(147,013)	-	-	-	-	-	-	-	-	-	-	-	(104,747)	(251,760)
Project Net	(0)	-	-	83,660	94,480	84,431	91,594	95,651	96,065	86,024	86,397	86,773	(805,075)	(0)

Project No: 10034007 ABQ Metro 2010 Tools & Equipment

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description 100%
 This project is to fund the purchase of tools and equipment used in construction and maintenance by the Albuquerque Metro Line Department.

Project Need Justification
 This project is to fund the purchase of replacement tools and equipment used by the Albuquerque Metro Line Department in responding to outages as well as in construction and maintenance activities. Tools and equipment that are worn, defective, or broken need to be replaced to ensure PNM employees are working safely, efficiently, and effectively.

Project Alternatives
 Not purchasing the equipment will directly affect the ability of PNM employees to complete work, potentially increasing costs as more time is required to complete tasks without the proper tools for specific repair and maintenance activities. Specific alternatives as to the type of tools and equipment purchased will be evaluated at the time of replacement.

Project Estimate Approach
 Project estimate was based on the historical spend of tools and equipment that are required for safety and compliance on Distribution lines.

Customer Benefit
 Having the proper tools and equipment needed to conduct transmission work ensures that PNM employees are safe, while minimizing time required to resolve customer outages.

Primary Value Driver Safety

Safety Having the proper tools and equipment needed to conduct work will ensure PNM employees are able to perform work safely.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	10034007 ABQ Metro 2010 Tools & Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	234	-	-	-	-	-	-	234
120: Overtime-General	118	-	-	-	-	-	-	118
350: Material Issues-Major	2,326,302	-	20,000	20,000	20,000	40,000	-	2,426,302
370: Outside Services	238,200	-	-	-	-	-	-	238,200
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	14,001	-	30	93	31	95	80	14,331
610: Expenses - General	49,562	-	-	-	-	-	-	49,562
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	26	-	-	-	-	-	-	26
914: Pension and Benefits	92	-	-	-	-	-	-	92
915: Injuries and Damages	30	-	-	-	-	-	-	30
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	48,033	-	5,363	5,363	5,363	10,726	-	74,848
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	13,253	-	-	-	-	-	-	13,253
926: A&G Loads	176,104	-	792	792	792	1,584	-	180,064
928: AFUDC Debt	3,344	-	-	-	-	-	-	3,344
929: AFUDC Equity	2,018	-	-	-	-	-	-	2,018
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,871,303)	-	-	(46,019)	(11,524)	(28,826)	(28,906)	(2,986,577)
825: Closing Cost of Removal	-	-	-	(6,277)	(1,569)	(3,923)	(3,923)	(15,693)
Project Net	14	-	26,185	(26,048)	13,093	19,656	(32,749)	152

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	234	-	-	-	-	-	-	-	-	-	-	-	-	234
120: Overtime-General	118	-	-	-	-	-	-	-	-	-	-	-	-	118
350: Material Issues-Major	2,426,302	-	-	20,000	-	-	20,000	-	20,000	-	11,873	-	-	2,498,175
370: Outside Services	238,200	-	-	-	-	-	-	-	-	-	-	-	-	238,200
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	14,331	-	-	33	-	-	34	-	35	-	21	-	-	14,454
610: Expenses - General	49,562	-	-	-	-	-	-	-	-	-	-	-	-	49,562
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	26	-	-	-	-	-	-	-	-	-	-	-	-	26
914: Pension and Benefits	92	-	-	-	-	-	-	-	-	-	-	-	-	92
915: Injuries and Damages	30	-	-	-	-	-	-	-	-	-	-	-	-	30
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	74,848	-	-	5,669	-	-	5,669	-	5,669	-	3,366	-	-	95,221
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	13,253	-	-	-	-	-	-	-	-	-	-	-	-	13,253
926: A&G Loads	180,064	-	-	718	-	-	718	-	718	-	426	-	-	182,644
928: AFUDC Debt	3,344	-	-	-	-	-	-	-	-	-	-	-	-	3,344
929: AFUDC Equity	2,018	-	-	-	-	-	-	-	-	-	-	-	-	2,018
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,986,577)	-	-	(23,254)	-	-	(23,255)	-	(23,256)	-	(13,806)	-	-	(3,070,148)
825: Closing Cost of Removal	(15,693)	-	-	(3,166)	-	-	(3,166)	-	(3,166)	-	(1,880)	-	-	(27,072)
Project Net	152	-	-	-	-	-	-	-	-	-	-	-	-	152

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	234	-	-	-	-	-	-	-	-	-	-	-	-	234
120: Overtime-General	118	-	-	-	-	-	-	-	-	-	-	-	-	118
350: Material Issues-Major	2,498,175	-	-	20,000	-	-	20,000	-	20,000	-	14,298	-	-	2,572,473
370: Outside Services	238,200	-	-	-	-	-	-	-	-	-	-	-	-	238,200
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	14,454	-	-	40	-	-	40	-	40	-	29	-	-	14,604
610: Expenses - General	49,562	-	-	-	-	-	-	-	-	-	-	-	-	49,562
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	26	-	-	-	-	-	-	-	-	-	-	-	-	26
914: Pension and Benefits	92	-	-	-	-	-	-	-	-	-	-	-	-	92
915: Injuries and Damages	30	-	-	-	-	-	-	-	-	-	-	-	-	30
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	95,221	-	-	5,669	-	-	5,669	-	5,669	-	4,053	-	-	116,282
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	13,253	-	-	-	-	-	-	-	-	-	-	-	-	13,253
926: A&G Loads	182,644	-	-	870	-	-	870	-	870	-	622	-	-	185,876
928: AFUDC Debt	3,344	-	-	-	-	-	-	-	-	-	-	-	-	3,344
929: AFUDC Equity	2,018	-	-	-	-	-	-	-	-	-	-	-	-	2,018
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,070,148)	-	-	(23,395)	-	-	(23,395)	-	(23,395)	-	(16,725)	-	-	(3,157,057)
825: Closing Cost of Removal	(27,072)	-	-	(3,185)	-	-	(3,185)	-	(3,185)	-	(2,277)	-	-	(38,903)
Project Net	152	-	-	-	-	-	-	-	-	-	-	-	-	152

Project No: 10034012 Tech Services Distribution Tools

Company: 001 Electric Services
Location: 100 Albuquerque Electric Services

Project Information

County % Bernalillo 100%

Estimated Start Date 6/1/2012

Estimated Completion Date 10/31/2027

Description This project is to fund the purchase of tools and equipment used in construction and maintenance by the Distribution Substation, Meter, Relay and Communications departments.

Project Need Justification Some of the tools and equipment these departments currently utilize for construction and maintenance are defective or broken. This equipment needs to be replaced to ensure PNM employees are working safely, efficiently, and effectively. Additionally, some equipment has become outdated and does not meet new regulations or requirements.

Project Alternatives Not purchasing tools and equipment will negatively impact PNM employees' ability to perform their work, which potentially increases costs as more time and effort may be required without the proper tools needed. Specific alternatives as to the type of tools and equipment purchased will be evaluated the time of replacement.

Project Estimate Approach Project estimate was based on the historical spend of tools and equipment that are required for safety and compliance on Distribution Substation, Meters, Relays and Communications departments.

Customer Benefit Customers benefit from this project as PNM employees with the right tools may respond and restore outages more quickly improving reliability of customers' electricity service.

Primary Value Driver **Safety**
Safety Having the proper tools and equipment needed to conduct work will ensure PNM employees are able to perform work safely and effectively.

Reliability This project improves overall reliability by ensuring PNM employees have access to tools necessary to respond and restore outages as quickly as possible.

System Performance

Security

Compliance

Environmental

Project No:	10034012 Tech Services Distribution Tools							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	191	-	-	-	-	-	-	191
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	621,709	-	33,000	-	-	-	-	654,709
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	5,027	25	80	138	-	-	-	5,270
610: Expenses - General	4,329	-	-	-	-	-	-	4,329
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	15	-	-	-	-	-	-	15
914: Pension and Benefits	49	-	-	-	-	-	-	49
915: Injuries and Damages	13	-	-	-	-	-	-	13
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	18,369	-	8,849	-	-	-	-	27,218
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	4,125	-	-	-	-	4,125
926: A&G Loads	39,498	-	1,307	-	-	-	-	40,805
928: AFUDC Debt	49	-	-	-	-	-	-	49
929: AFUDC Equity	52	-	-	-	-	-	-	52
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(679,519)	-	-	(51,144)	-	-	-	(730,662)
825: Closing Cost of Removal	-	-	-	(5,674)	-	-	-	(5,674)
Project Net	9,784	25	47,361	(56,679)	-	-	-	491

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	191	-	-	-	-	-	-	-	-	-	-	-	-	191
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	654,709	-	-	20,000	-	-	20,000	-	-	15,000	15,000	-	-	724,709
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	5,270	-	-	36	72	73	111	150	153	184	247	280	286	6,862
610: Expenses - General	4,329	-	-	-	-	-	-	-	-	-	-	-	-	4,329
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15	-	-	-	-	-	-	-	-	-	-	-	-	15
914: Pension and Benefits	49	-	-	-	-	-	-	-	-	-	-	-	-	49
915: Injuries and Damages	13	-	-	-	-	-	-	-	-	-	-	-	-	13
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	27,218	-	-	5,669	-	-	5,669	-	-	4,252	4,252	-	-	47,060
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	4,125	-	-	2,300	-	-	2,300	-	-	1,725	1,725	-	-	12,175
926: A&G Loads	40,805	-	-	718	-	-	718	-	-	539	539	-	-	43,318
928: AFUDC Debt	49	-	-	-	-	-	-	-	-	-	-	-	-	49
929: AFUDC Equity	52	-	-	-	-	-	-	-	-	-	-	-	-	52
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(730,662)	-	-	-	-	-	-	-	-	-	-	-	(89,948)	(820,610)
825: Closing Cost of Removal	(5,674)	-	-	-	-	-	-	-	-	-	-	-	(12,049)	(17,722)
Project Net	491	-	-	28,723	72	73	28,799	150	153	21,700	21,762	280	(101,711)	491

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	191	-	-	-	-	-	-	-	-	-	-	-	-	191
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	724,709	-	-	22,000	-	-	22,000	-	-	22,000	13,000	-	-	803,709
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	6,862	-	-	48	-	-	48	-	-	48	29	57	58	7,151
610: Expenses - General	4,329	-	-	-	-	-	-	-	-	-	-	-	-	4,329
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15	-	-	-	-	-	-	-	-	-	-	-	-	15
914: Pension and Benefits	49	-	-	-	-	-	-	-	-	-	-	-	-	49
915: Injuries and Damages	13	-	-	-	-	-	-	-	-	-	-	-	-	13
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	47,060	-	-	6,236	-	-	6,236	-	-	6,236	3,685	-	-	69,454
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	12,175	-	-	2,530	-	-	2,530	-	-	2,530	1,495	-	-	21,260
926: A&G Loads	43,318	-	-	957	-	-	957	-	-	957	566	-	-	46,754
928: AFUDC Debt	49	-	-	-	-	-	-	-	-	-	-	-	-	49
929: AFUDC Equity	52	-	-	-	-	-	-	-	-	-	-	-	-	52
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(820,610)	-	-	(27,965)	-	-	(27,965)	-	-	(27,965)	-	-	(16,640)	(921,144)
825: Closing Cost of Removal	(17,722)	-	-	(3,807)	-	-	(3,807)	-	-	(3,807)	-	-	(2,249)	(31,392)
Project Net	491	-	-	-	-	-	-	-	-	-	18,774	57	(18,831)	491

Project No: 14000107 Line Extensions - Residential

Company: 001 Electric Services
Location: 140 East Mountain Division

Project Information

County % Bernalillo 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service or to upgrade existing services. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new or existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new or existing home.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	14000107 Line Extensions - Residential							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	280,468	1,661	1,237	1,362	686	2,610	2,343	290,367
120: Overtime-General	7,758	12	9	10	5	19	17	7,832
350: Material Issues-Major	317,642	3,923	2,921	3,215	1,619	6,163	5,532	341,015
370: Outside Services	878,020	13,460	10,022	11,032	5,555	21,148	18,984	958,221
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,873	-	-	-	-	-	-	11,873
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	68,968	-	-	-	-	-	-	68,968
805: Land and Land Rights	7	-	-	-	-	-	-	7
807: Non Refundable Contrib	(1,381,128)	(12,287)	(9,149)	(10,071)	(5,071)	(19,306)	(17,330)	(1,454,342)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	21,048	127	94	104	52	199	179	21,803
914: Pension and Benefits	76,395	360	268	295	149	566	508	78,541
915: Injuries and Damages	20,313	143	107	117	59	225	202	21,167
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	32,754	1,052	783	862	434	1,653	1,484	39,021
922: Minor Material Load	26,209	-	-	-	-	-	-	26,209
925: E&S Loads	236,595	2,461	1,832	2,017	1,016	3,866	3,471	251,258
926: A&G Loads	94,676	755	562	619	311	1,186	1,064	99,172
928: AFUDC Debt	1	-	-	-	-	-	-	1
929: AFUDC Equity	0	-	-	-	-	-	-	0
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(620,408)	(7,982)	(7,922)	(8,010)	(7,331)	(8,915)	(9,917)	(670,485)
825: Closing Cost of Removal	(27,384)	(2,003)	(1,830)	(1,707)	(1,504)	(1,629)	(1,691)	(37,748)
Project Net	43,808	1,681	(1,065)	(156)	(4,020)	7,786	4,846	52,881

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	290,367	3,589	1,600	1,356	2,624	1,658	2,197	1,703	1,268	1,396	703	2,676	2,402	313,537
120: Overtime-General	7,832	27	12	10	20	12	16	13	9	10	5	20	18	8,005
350: Material Issues-Major	341,015	8,391	3,741	3,171	6,135	3,876	5,136	3,981	2,965	3,263	1,643	6,256	5,615	395,189
370: Outside Services	958,221	28,792	12,836	10,882	21,050	13,302	17,624	13,662	10,173	11,197	5,638	21,466	19,269	1,144,112
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,873	-	-	-	-	-	-	-	-	-	-	-	-	11,873
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	68,968	-	-	-	-	-	-	-	-	-	-	-	-	68,968
805: Land and Land Rights	7	-	-	-	-	-	-	-	-	-	-	-	-	7
807: Non Refundable Contrib	(1,454,342)	(26,284)	(11,718)	(9,934)	(19,216)	(12,143)	(16,089)	(12,471)	(9,287)	(10,222)	(5,147)	(19,595)	(17,590)	(1,624,037)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	21,803	272	121	103	199	126	167	129	96	106	53	203	182	23,560
914: Pension and Benefits	78,541	833	371	315	609	385	510	395	294	324	163	621	557	83,917
915: Injuries and Damages	21,167	360	160	136	263	166	220	171	127	140	70	268	241	23,489
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	39,021	2,378	1,060	899	1,739	1,099	1,456	1,129	840	925	466	1,773	1,592	54,377
922: Minor Material Load	26,209	-	-	-	-	-	-	-	-	-	-	-	-	26,209
925: E&S Loads	251,258	4,860	2,167	1,837	3,553	2,245	2,975	2,306	1,717	1,890	952	3,624	3,253	282,637
926: A&G Loads	99,172	1,465	653	554	1,071	677	897	695	517	570	287	1,092	980	108,628
928: AFUDC Debt	1	-	-	-	-	-	-	-	-	-	-	-	-	1
929: AFUDC Equity	0	-	-	-	-	-	-	-	-	-	-	-	-	0
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(670,485)	(12,041)	(11,617)	(11,004)	(11,881)	(11,549)	(11,864)	(11,583)	(10,880)	(10,442)	(9,328)	(10,564)	(11,279)	(804,517)
825: Closing Cost of Removal	(37,748)	(1,920)	(1,812)	(1,687)	(1,773)	(1,701)	(1,721)	(1,664)	(1,553)	(1,481)	(1,319)	(1,479)	(1,569)	(57,427)
Project Net	52,881	10,721	(2,425)	(3,362)	4,391	(1,846)	1,525	(1,535)	(3,712)	(2,323)	(5,813)	6,359	3,670	58,531

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	313,537	3,678	1,640	1,390	2,689	1,699	2,252	1,745	1,300	1,431	720	2,742	2,462	337,286
120: Overtime-General	8,005	27	12	10	20	13	17	13	10	11	5	20	18	8,182
350: Material Issues-Major	395,189	8,517	3,797	3,219	6,227	3,935	5,213	4,041	3,009	3,312	1,668	6,350	5,700	450,175
370: Outside Services	1,144,112	29,224	13,029	11,046	21,366	13,501	17,889	13,866	10,325	11,365	5,723	21,788	19,558	1,332,791
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,873	-	-	-	-	-	-	-	-	-	-	-	-	11,873
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	68,968	-	-	-	-	-	-	-	-	-	-	-	-	68,968
805: Land and Land Rights	7	-	-	-	-	-	-	-	-	-	-	-	-	7
807: Non Refundable Contrib	(1,624,037)	(26,678)	(11,894)	(10,083)	(19,504)	(12,325)	(16,330)	(12,658)	(9,426)	(10,375)	(5,224)	(19,889)	(17,854)	(1,796,278)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,560	279	124	105	204	129	171	132	99	109	55	208	187	25,362
914: Pension and Benefits	83,917	853	380	323	624	394	522	405	302	332	167	636	571	89,428
915: Injuries and Damages	23,489	369	164	139	270	170	226	175	130	143	72	275	247	25,870
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	54,377	2,414	1,076	912	1,765	1,115	1,478	1,145	853	939	473	1,800	1,616	69,964
922: Minor Material Load	26,209	-	-	-	-	-	-	-	-	-	-	-	-	26,209
925: E&S Loads	282,637	4,939	2,202	1,867	3,611	2,282	3,023	2,344	1,745	1,921	967	3,682	3,305	314,525
926: A&G Loads	108,628	1,803	804	681	1,318	833	1,104	855	637	701	353	1,344	1,207	120,269
928: AFUDC Debt	1	-	-	-	-	-	-	-	-	-	-	-	-	1
929: AFUDC Equity	0	-	-	-	-	-	-	-	-	-	-	-	-	0
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(804,517)	(13,276)	(12,682)	(11,921)	(12,720)	(12,291)	(12,544)	(12,197)	(11,425)	(10,934)	(9,755)	(11,002)	(11,717)	(946,981)
825: Closing Cost of Removal	(57,427)	(1,836)	(1,750)	(1,643)	(1,749)	(1,688)	(1,720)	(1,671)	(1,564)	(1,496)	(1,335)	(1,504)	(1,601)	(76,983)
Project Net	58,531	10,314	(3,097)	(3,954)	4,120	(2,232)	1,300	(1,804)	(4,005)	(2,543)	(6,110)	6,451	3,698	60,668

Project No: 14000207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 140 East Mountain Division

Project Information

County % Bernalillo 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new non-residential customers or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new and existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No: 14000207 Line Extensions - Commercial

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	64,133	211	211	190	227	142	140	65,253
120: Overtime-General	513	-	-	-	-	-	-	513
350: Material Issues-Major	60,970	363	363	327	391	244	242	62,898
370: Outside Services	197,434	2,946	2,946	2,653	3,176	1,979	1,964	213,097
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,812	-	-	-	-	-	-	1,812
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	9,709	-	-	-	-	-	-	9,709
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(222,175)	(577)	(577)	(519)	(622)	(387)	(384)	(225,241)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,671	16	16	14	17	11	11	4,756
914: Pension and Benefits	17,626	45	45	41	49	30	30	17,867
915: Injuries and Damages	4,592	18	18	16	19	12	12	4,687
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	7,449	97	97	88	105	65	65	7,966
922: Minor Material Load	5,217	-	-	-	-	-	-	5,217
925: E&S Loads	52,291	450	450	405	485	302	300	54,683
926: A&G Loads	22,669	139	139	126	150	94	93	23,410
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(218,533)	(1,427)	(1,831)	(2,075)	(2,392)	(2,348)	(2,310)	(230,915)
825: Closing Cost of Removal	(310)	(1,163)	(1,005)	(872)	(786)	(679)	(595)	(5,411)
Project Net	8,065	1,118	872	393	820	(536)	(433)	10,300

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	65,253	216	161	221	216	230	207	216	216	195	233	145	144	67,653
120: Overtime-General	513	-	-	-	-	-	-	-	-	-	-	-	-	513
350: Material Issues-Major	62,898	368	274	376	368	393	354	368	368	332	397	247	245	66,989
370: Outside Services	213,097	2,990	2,226	3,056	2,990	3,189	2,872	2,990	2,990	2,693	3,224	2,008	1,993	246,318
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,812	-	-	-	-	-	-	-	-	-	-	-	-	1,812
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	9,709	-	-	-	-	-	-	-	-	-	-	-	-	9,709
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(225,241)	(585)	(436)	(598)	(585)	(624)	(562)	(585)	(585)	(527)	(631)	(393)	(390)	(231,744)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,756	16	12	17	16	17	16	16	16	15	18	11	11	4,937
914: Pension and Benefits	17,867	50	37	51	50	53	48	50	50	45	54	33	33	18,419
915: Injuries and Damages	4,687	21	16	22	21	23	21	21	21	19	23	14	14	4,926
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,966	104	78	107	104	111	100	104	104	94	113	70	70	9,125
922: Minor Material Load	5,217	-	-	-	-	-	-	-	-	-	-	-	-	5,217
925: E&S Loads	54,683	421	313	430	421	449	404	421	421	379	454	283	281	59,361
926: A&G Loads	23,410	128	96	131	128	137	123	128	128	116	138	86	86	24,835
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(230,915)	(2,524)	(2,506)	(2,693)	(2,823)	(2,972)	(3,012)	(3,071)	(3,118)	(3,082)	(3,183)	(2,968)	(2,796)	(265,664)
825: Closing Cost of Removal	(5,411)	(562)	(512)	(500)	(488)	(486)	(474)	(468)	(463)	(450)	(457)	(423)	(395)	(11,091)
Project Net	10,300	644	(242)	620	419	521	97	191	149	(173)	382	(885)	(705)	11,316

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	67,653	221	165	226	221	236	213	221	221	199	239	149	148	70,113
120: Overtime-General	513	-	-	-	-	-	-	-	-	-	-	-	-	513
350: Material Issues-Major	66,989	374	278	382	374	399	359	374	374	337	403	251	249	71,141
370: Outside Services	246,318	3,035	2,259	3,102	3,035	3,237	2,915	3,035	3,035	2,733	3,272	2,038	2,023	280,038
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,812	-	-	-	-	-	-	-	-	-	-	-	-	1,812
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	9,709	-	-	-	-	-	-	-	-	-	-	-	-	9,709
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(231,744)	(594)	(442)	(607)	(594)	(634)	(571)	(594)	(594)	(535)	(641)	(399)	(396)	(238,344)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,937	17	12	17	17	18	16	17	17	15	18	11	11	5,122
914: Pension and Benefits	18,419	51	38	52	51	54	49	51	51	46	55	34	34	18,986
915: Injuries and Damages	4,926	22	16	23	22	24	21	22	22	20	24	15	15	5,171
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,125	106	79	108	106	113	102	106	106	95	114	71	71	10,302
922: Minor Material Load	5,217	-	-	-	-	-	-	-	-	-	-	-	-	5,217
925: E&S Loads	59,361	428	318	437	428	456	411	428	428	385	461	287	285	64,114
926: A&G Loads	24,835	158	118	161	158	168	152	158	158	142	170	106	105	26,590
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(265,664)	(2,920)	(2,828)	(2,961)	(3,049)	(3,166)	(3,180)	(3,219)	(3,250)	(3,200)	(3,293)	(3,065)	(2,883)	(302,678)
825: Closing Cost of Removal	(11,091)	(409)	(394)	(411)	(421)	(436)	(437)	(441)	(445)	(438)	(450)	(419)	(394)	(16,186)
Project Net	11,316	488	(380)	530	348	470	50	157	122	(201)	373	(920)	(732)	11,619

Project No: 14000607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 140 East Mountain Division

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including but not limited to, insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification
This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives
This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach
Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through outage restoration and increased reliability by maintaining the distribution system integrity through the replacement of damaged equipment and equipment taken out of service by storms, other events or deteriorated equipment through normal aging.

Primary Value Driver Compliance

Safety

Reliability Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	14000607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	272,445	553	448	424	485	490	245	275,090
120: Overtime-General	151,312	885	717	678	776	783	391	155,543
350: Material Issues-Major	278,815	1,862	1,509	1,426	1,633	1,648	823	287,716
370: Outside Services	730,119	8,463	12,440	6,482	7,423	7,489	3,742	776,158
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	6,999	111	90	85	97	98	49	7,530
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	151,412	27	22	21	24	24	12	151,543
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(263,444)	-	-	-	-	-	-	(263,444)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	31,370	109	88	83	96	96	48	31,891
914: Pension and Benefits	114,921	310	251	237	272	274	137	116,400
915: Injuries and Damages	31,504	123	100	94	108	109	54	32,093
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	25,002	499	405	382	438	442	221	27,389
922: Minor Material Load	23,634	-	-	-	-	-	-	23,634
925: E&S Loads	250,344	1,555	1,958	1,191	1,364	1,376	688	258,478
926: A&G Loads	95,771	471	603	361	413	417	208	98,245
928: AFUDC Debt	78	-	-	-	-	-	-	78
929: AFUDC Equity	129	-	-	-	-	-	-	129
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,579,767)	(2,865)	(4,489)	(5,161)	(5,928)	(6,616)	(6,521)	(1,611,348)
825: Closing Cost of Removal	(293,998)	(2,128)	(2,141)	(2,049)	(1,993)	(1,944)	(1,806)	(306,060)
Project Net	26,645	9,976	12,001	4,255	5,209	4,686	(1,708)	61,064

Project No:	14000607 Distr. Remove & Replace													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	275,090	1,220	477	489	569	349	562	567	460	434	497	502	251	281,467
120: Overtime-General	155,543	1,951	763	783	910	558	900	907	735	695	796	803	401	165,744
350: Material Issues-Major	287,716	4,064	1,589	1,630	1,896	1,163	1,874	1,890	1,531	1,448	1,658	1,672	836	308,967
370: Outside Services	776,158	18,472	7,223	7,410	8,620	5,284	8,518	8,590	6,961	6,579	7,534	7,601	3,798	872,747
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,530	242	95	97	113	69	112	113	91	86	99	100	50	8,797
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	151,543	60	23	24	28	17	28	28	23	21	24	25	12	151,856
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(263,444)	-	-	-	-	-	-	-	-	-	-	-	-	(263,444)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	31,891	239	93	96	111	68	110	111	90	85	97	98	49	33,139
914: Pension and Benefits	116,400	730	286	293	341	209	337	340	275	260	298	300	150	120,218
915: Injuries and Damages	32,093	315	123	127	147	90	145	147	119	112	129	130	65	33,742
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	27,389	1,152	450	462	538	330	531	536	434	410	470	474	237	33,413
922: Minor Material Load	23,634	-	-	-	-	-	-	-	-	-	-	-	-	23,634
925: E&S Loads	258,478	3,139	1,227	1,259	1,465	898	1,447	1,460	1,183	1,118	1,280	1,292	645	274,890
926: A&G Loads	98,245	934	365	375	436	267	431	434	352	333	381	384	192	103,128
928: AFUDC Debt	78	-	-	-	-	-	-	-	-	-	-	-	-	78
929: AFUDC Equity	129	-	-	-	-	-	-	-	-	-	-	-	-	129
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,611,348)	(9,172)	(9,414)	(9,662)	(10,105)	(9,874)	(10,273)	(10,637)	(10,655)	(10,599)	(10,728)	(10,853)	(10,257)	(1,733,576)
825: Closing Cost of Removal	(306,060)	(2,058)	(1,994)	(1,942)	(1,928)	(1,830)	(1,827)	(1,825)	(1,783)	(1,736)	(1,718)	(1,705)	(1,596)	(328,002)
Project Net	61,064	21,287	1,307	1,440	3,141	(2,403)	2,894	2,660	(184)	(753)	817	822	(5,168)	86,925

Project No:	14000607 Distr. Remove & Replace													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	281,467	1,250	489	501	583	358	576	581	471	445	510	514	257	288,003
120: Overtime-General	165,744	2,000	782	802	933	572	922	930	754	712	816	823	411	176,199
350: Material Issues-Major	308,967	4,125	1,613	1,655	1,925	1,180	1,902	1,918	1,554	1,469	1,683	1,697	848	330,537
370: Outside Services	872,747	18,749	7,331	7,521	8,749	5,363	8,645	8,719	7,065	6,678	7,647	7,715	3,855	970,785
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	8,797	246	96	99	115	70	113	114	93	88	100	101	51	10,083
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	151,856	61	24	24	28	17	28	28	23	22	25	25	13	152,174
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(263,444)	-	-	-	-	-	-	-	-	-	-	-	-	(263,444)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,139	245	96	98	114	70	113	114	92	87	100	101	50	34,419
914: Pension and Benefits	120,218	748	293	300	349	214	345	348	282	267	305	308	154	124,131
915: Injuries and Damages	33,742	323	126	130	151	93	149	150	122	115	132	133	66	35,433
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	33,413	1,169	457	469	546	334	539	544	441	416	477	481	240	39,527
922: Minor Material Load	23,634	-	-	-	-	-	-	-	-	-	-	-	-	23,634
925: E&S Loads	274,890	3,191	1,248	1,280	1,489	913	1,471	1,484	1,202	1,137	1,302	1,313	656	291,575
926: A&G Loads	103,128	1,150	450	461	537	329	530	535	433	410	469	473	236	109,140
928: AFUDC Debt	78	-	-	-	-	-	-	-	-	-	-	-	-	78
929: AFUDC Equity	129	-	-	-	-	-	-	-	-	-	-	-	-	129
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,733,576)	(12,538)	(12,407)	(12,327)	(12,486)	(11,993)	(12,173)	(12,345)	(12,187)	(11,976)	(11,971)	(11,980)	(11,264)	(1,879,222)
825: Closing Cost of Removal	(328,002)	(1,884)	(1,845)	(1,816)	(1,821)	(1,740)	(1,752)	(1,764)	(1,733)	(1,696)	(1,687)	(1,682)	(1,579)	(349,000)
Project Net	86,925	18,834	(1,248)	(801)	1,211	(4,219)	1,410	1,356	(1,388)	(1,826)	(94)	23	(6,005)	94,180

Project No: 14000707 Distr. System Improvements

Company: 001 Electric Services
Location: 140 East Mountain Division

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisitions (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, such as through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or distribution system configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. The project also improves system reliability by adding equipment and components which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	14000707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	159,174	524	529	465	587	553	391	162,223
120: Overtime-General	30,952	-	-	-	-	-	-	30,952
350: Material Issues-Major	298,940	1,889	1,907	1,676	2,118	1,995	1,410	309,935
370: Outside Services	757,194	7,374	7,446	6,542	8,267	7,787	5,505	800,117
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	46,728	-	-	-	-	-	-	46,728
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(113,143)	-	-	-	-	-	-	(113,143)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,612	40	40	35	44	42	30	13,842
914: Pension and Benefits	49,172	113	114	100	126	119	84	49,828
915: Injuries and Damages	13,458	45	45	40	50	47	33	13,719
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	53,685	507	511	449	568	535	378	56,634
922: Minor Material Load	26,530	-	-	-	-	-	-	26,530
925: E&S Loads	194,809	1,248	1,260	1,107	1,399	1,318	932	202,074
926: A&G Loads	92,789	388	391	344	435	409	289	95,044
928: AFUDC Debt	13,817	11	24	34	45	55	61	14,047
929: AFUDC Equity	16,878	26	57	83	108	132	147	17,431
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,532,992)	(1,570)	(2,685)	(3,513)	(4,545)	(5,374)	(5,710)	(1,556,389)
825: Closing Cost of Removal	(119,225)	(175)	(330)	(445)	(588)	(702)	(748)	(122,211)
Project Net	2,378	10,419	9,311	6,917	8,615	6,916	2,803	47,359

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	162,223	1,499	368	382	519	579	506	537	542	476	602	567	401	169,202
120: Overtime-General	30,952	-	-	-	-	-	-	-	-	-	-	-	-	30,952
350: Material Issues-Major	309,935	5,353	1,313	1,366	1,855	2,069	1,808	1,917	1,936	1,701	2,150	2,025	1,431	334,858
370: Outside Services	800,117	20,897	5,125	5,332	7,240	8,076	7,059	7,485	7,558	6,640	8,391	7,904	5,588	897,410
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	46,728	-	-	-	-	-	-	-	-	-	-	-	-	46,728
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(113,143)	-	-	-	-	-	-	-	-	-	-	-	-	(113,143)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,842	113	28	29	39	44	38	40	41	36	45	43	30	14,368
914: Pension and Benefits	49,828	345	85	88	120	133	117	124	125	110	139	131	92	51,435
915: Injuries and Damages	13,719	149	37	38	52	58	50	53	54	47	60	56	40	14,414
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	56,634	1,517	372	387	526	586	513	544	549	482	609	574	406	63,698
922: Minor Material Load	26,530	-	-	-	-	-	-	-	-	-	-	-	-	26,530
925: E&S Loads	202,074	3,261	800	832	1,130	1,260	1,101	1,168	1,179	1,036	1,309	1,233	872	217,256
926: A&G Loads	95,044	996	244	254	345	385	336	357	360	317	400	377	266	99,683
928: AFUDC Debt	14,047	121	143	141	143	149	153	156	160	162	165	169	169	15,877
929: AFUDC Equity	17,431	154	182	180	183	190	195	199	204	206	210	216	215	19,766
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,556,389)	(8,662)	(8,546)	(8,478)	(8,749)	(9,132)	(9,296)	(9,514)	(9,719)	(9,743)	(10,066)	(10,267)	(10,045)	(1,668,606)
825: Closing Cost of Removal	(122,211)	(1,149)	(1,132)	(1,122)	(1,157)	(1,208)	(1,229)	(1,258)	(1,285)	(1,287)	(1,330)	(1,356)	(1,325)	(137,049)
Project Net	47,359	24,594	(983)	(570)	2,244	3,187	1,352	1,809	1,703	184	2,685	1,671	(1,859)	83,377

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	169,202	1,536	377	392	532	594	519	550	556	488	617	581	411	176,355
120: Overtime-General	30,952	-	-	-	-	-	-	-	-	-	-	-	-	30,952
350: Material Issues-Major	334,858	5,433	1,332	1,386	1,882	2,100	1,835	1,946	1,965	1,727	2,182	2,055	1,453	360,155
370: Outside Services	897,410	21,210	5,201	5,412	7,348	8,197	7,164	7,597	7,671	6,740	8,517	8,022	5,672	996,162
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	46,728	-	-	-	-	-	-	-	-	-	-	-	-	46,728
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(113,143)	-	-	-	-	-	-	-	-	-	-	-	-	(113,143)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,368	116	28	30	40	45	39	41	42	37	46	44	31	14,906
914: Pension and Benefits	51,435	354	87	90	123	137	120	127	128	112	142	134	95	53,083
915: Injuries and Damages	14,414	153	37	39	53	59	52	55	55	49	61	58	41	15,125
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	63,698	1,540	378	393	534	595	520	552	557	489	618	583	412	70,869
922: Minor Material Load	26,530	-	-	-	-	-	-	-	-	-	-	-	-	26,530
925: E&S Loads	217,256	3,312	812	845	1,148	1,280	1,119	1,186	1,198	1,053	1,330	1,253	886	232,678
926: A&G Loads	99,683	1,226	301	313	425	474	414	439	443	390	492	464	328	105,390
928: AFUDC Debt	15,877	160	172	166	162	162	162	162	162	160	161	162	160	17,829
929: AFUDC Equity	19,766	277	299	287	281	282	281	280	280	278	279	281	277	23,149
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,668,606)	(12,575)	(12,026)	(11,577)	(11,517)	(11,612)	(11,516)	(11,506)	(11,511)	(11,353)	(11,522)	(11,586)	(11,233)	(1,808,141)
825: Closing Cost of Removal	(137,049)	(1,668)	(1,591)	(1,528)	(1,519)	(1,531)	(1,517)	(1,515)	(1,515)	(1,492)	(1,515)	(1,523)	(1,475)	(155,437)
Project Net	83,377	21,075	(4,592)	(3,753)	(509)	781	(807)	(85)	31	(1,322)	1,409	527	(2,943)	93,190

Project No: 14001207 Pole Replacements
Company: 001 Electric Services
Location: 140 East Mountain Division

Project Information County % Bernalillo 100%

Estimated Start Date 1/1/2007
Estimated Completion Date 12/31/2027

Description
 This project covers the costs for repair or replacement of decaying or rotting wood power poles. Pole replacement candidates are identified through routine line patrol inspections as well as during construction or expansion of the distribution system. Other equipment on each pole (e.g., cross-arms and insulators) typically are replaced at the time the pole is replaced.

Project Need Justification
 The New Mexico Public Regulation Commission (NMPRC) mandates that PNM keep its electric infrastructure in good repair and safe for customers and personnel. Compromised integrity of wooden pole structures can affect service reliability as well as public safety and the safety of PNM personnel. PNM regularly performs ground line tests on its distribution wood pole infrastructure to ensure the integrity of PNM's distribution system. Wood poles that fail inspection or tests are repaired or replaced. This project covers the labor and material costs associated with the inspection, testing, repair and potential replacement of poles that fail inspection.

Project Alternatives
 The alternatives to pole replacement include structurally reinforcing the pole, fumigating the pole and area, or applying an internal void treatment. Routine inspections and testing gauges the relative condition of each pole and identifies the appropriate alternative for either repairing or replacing defective poles.

Project Estimate Approach
 The budget for this blanket is estimated by applying escalation factors to historical spend. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend. Poles that support four or more wires are more costly to work than are poles supporting fewer wires. Similarly, angle or corner poles are more expensive to replace than are in-line tangent poles. Location and access to the poles, such as backyard vs. roadside, also affects costs.

Customer Benefit
 This project helps maintain the integrity of PNM's overhead distribution system contributing to overall system reliability while also ensuring public safety and PNM personnel safety.

Primary Value Driver Safety

Safety This project helps maintain the integrity of PNM's overhead distribution system ensuring public safety and PNM personnel safety.

Reliability This project helps maintain the integrity of PNM's overhead distribution system which reducing possible outages contributing to overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	14001207 Pole Replacements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	32,684	400	400	400	400	400	400	35,084
120: Overtime-General	17,463	-	-	-	-	-	-	17,463
350: Material Issues-Major	136,096	3,000	3,000	3,000	3,000	3,000	3,000	154,096
370: Outside Services	892,253	12,917	12,917	12,917	12,917	12,917	12,917	969,753
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,293	-	-	-	-	-	-	3,293
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	30,120	-	-	-	-	-	-	30,120
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,753	30	30	30	30	30	30	3,935
914: Pension and Benefits	14,357	86	86	86	86	86	86	14,874
915: Injuries and Damages	3,942	34	34	34	34	34	34	4,147
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	10,204	804	804	804	804	804	804	15,031
922: Minor Material Load	12,284	-	-	-	-	-	-	12,284
925: E&S Loads	94,704	2,058	2,058	2,058	2,058	2,058	2,058	107,054
926: A&G Loads	59,351	646	646	646	646	646	646	63,228
928: AFUDC Debt	2,060	25	48	69	89	108	126	2,525
929: AFUDC Equity	3,029	60	114	166	214	260	303	4,146
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(930,493)	(1,588)	(2,557)	(3,473)	(4,337)	(5,154)	(5,925)	(953,528)
825: Closing Cost of Removal	(47,357)	(19,880)	(18,831)	(17,845)	(16,918)	(16,047)	(15,228)	(152,106)
Project Net	337,742	(1,408)	(1,251)	(1,107)	(976)	(856)	(747)	331,398

Project No:	14001207 Pole Replacements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	35,084	400	400	400	400	400	400	400	400	400	400	400	400	39,884
120: Overtime-General	17,463	-	-	-	-	-	-	-	-	-	-	-	-	17,463
350: Material Issues-Major	154,096	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	190,096
370: Outside Services	969,753	12,583	12,583	12,583	12,583	12,583	12,583	12,583	12,583	12,583	12,583	12,583	12,583	1,120,753
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,293	-	-	-	-	-	-	-	-	-	-	-	-	3,293
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	30,120	-	-	-	-	-	-	-	-	-	-	-	-	30,120
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,935	30	30	30	30	30	30	30	30	30	30	30	30	4,297
914: Pension and Benefits	14,874	92	92	92	92	92	92	92	92	92	92	92	92	15,979
915: Injuries and Damages	4,147	40	40	40	40	40	40	40	40	40	40	40	40	4,625
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,031	850	850	850	850	850	850	850	850	850	850	850	850	25,235
922: Minor Material Load	12,284	-	-	-	-	-	-	-	-	-	-	-	-	12,284
925: E&S Loads	107,054	1,857	1,857	1,857	1,857	1,857	1,857	1,857	1,857	1,857	1,857	1,857	1,857	129,335
926: A&G Loads	63,228	574	574	574	574	574	574	574	574	574	574	574	574	70,113
928: AFUDC Debt	2,525	216	239	261	282	301	320	337	354	370	384	398	411	6,397
929: AFUDC Equity	4,146	275	305	333	359	384	408	430	451	471	490	508	525	9,085
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(953,528)	(6,625)	(7,286)	(7,910)	(8,499)	(9,056)	(9,582)	(10,079)	(10,548)	(10,992)	(11,410)	(11,806)	(12,179)	(1,069,501)
825: Closing Cost of Removal	(152,106)	(14,454)	(13,727)	(13,043)	(12,400)	(11,796)	(11,228)	(10,694)	(10,193)	(9,721)	(9,278)	(8,861)	(8,469)	(285,969)
Project Net	331,398	(1,162)	(1,043)	(933)	(833)	(741)	(656)	(580)	(509)	(445)	(387)	(334)	(286)	323,489

Project No:	14001207 Pole Replacements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	39,884	400	400	400	400	400	400	400	400	400	400	400	400	44,684
120: Overtime-General	17,463	-	-	-	-	-	-	-	-	-	-	-	-	17,463
350: Material Issues-Major	190,096	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	226,096
370: Outside Services	1,120,753	12,417	12,417	12,417	12,417	12,417	12,417	12,417	12,417	12,417	12,417	12,417	12,417	1,269,753
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,293	-	-	-	-	-	-	-	-	-	-	-	-	3,293
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	30,120	-	-	-	-	-	-	-	-	-	-	-	-	30,120
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,297	30	30	30	30	30	30	30	30	30	30	30	30	4,658
914: Pension and Benefits	15,979	92	92	92	92	92	92	92	92	92	92	92	92	17,085
915: Injuries and Damages	4,625	40	40	40	40	40	40	40	40	40	40	40	40	5,103
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	25,235	850	850	850	850	850	850	850	850	850	850	850	850	35,440
922: Minor Material Load	12,284	-	-	-	-	-	-	-	-	-	-	-	-	12,284
925: E&S Loads	129,335	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	151,385
926: A&G Loads	70,113	688	688	688	688	688	688	688	688	688	688	688	688	78,370
928: AFUDC Debt	6,397	358	368	377	386	394	402	410	417	423	430	435	441	11,239
929: AFUDC Equity	9,085	621	638	654	669	684	697	710	722	734	745	755	764	17,479
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,069,501)	(12,529)	(12,860)	(13,172)	(13,467)	(13,746)	(14,009)	(14,257)	(14,492)	(14,714)	(14,923)	(15,121)	(15,308)	(1,238,099)
825: Closing Cost of Removal	(285,969)	(8,100)	(7,754)	(7,428)	(7,121)	(6,833)	(6,563)	(6,308)	(6,069)	(5,844)	(5,633)	(5,434)	(5,248)	(364,305)
Project Net	323,489	(296)	(253)	(214)	(178)	(146)	(117)	(91)	(68)	(47)	(28)	(11)	4	322,046

Project No: 14001621 TIJE12 Feeder Rebuild

Company: 001 Electric Services
Location: 140 East Mountain Division

Project Information

County % Bernalillo 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 12/31/2026

Description
The Tijeras 12 (TIJE12) project includes the demolition and construction of the TIJE12 distribution feeder. The project will consist of a complete rebuild of approximately 71.76 miles of the TIJE12 backbone (3 phase primary) in the Los Chaves region. This will involve upgrading ~ 800 poles to ensure they are the standard height and class, upgrading ~ 119,856 linear feet of primary wire to 397 All Aluminum Conductor with a 2/O Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's TIJE12 Feeder which serves over 5,500 customers and has, over the last several years, experienced more than 40 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customers outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the TIJE12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customers outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No:	14001621 TIJE12 Feeder Rebuild							EndBal-22
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
110: Straight Time-General	-	-	2,500	2,500	5,000	5,000	5,000	20,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	22,500	22,500	45,000	45,000	45,000	180,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	189	189	379	379	379	1,514
914: Pension and Benefits	-	-	538	538	1,076	1,076	1,076	4,304
915: Injuries and Damages	-	-	214	214	428	428	428	1,712
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	3,243	3,243	6,485	6,485	6,485	25,941
926: A&G Loads	-	-	990	990	1,980	1,980	1,980	7,920
928: AFUDC Debt	-	-	19	56	113	188	264	641
929: AFUDC Equity	-	-	45	135	271	452	634	1,537
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	30,238	30,365	60,731	60,988	61,246	243,569

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	20,000	-	-	-	-	-	-	-	-	-	-	-	-	20,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	180,000	-	-	-	-	-	-	-	-	-	-	-	-	180,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,514	-	-	-	-	-	-	-	-	-	-	-	-	1,514
914: Pension and Benefits	4,304	-	-	-	-	-	-	-	-	-	-	-	-	4,304
915: Injuries and Damages	1,712	-	-	-	-	-	-	-	-	-	-	-	-	1,712
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	25,941	-	-	-	-	-	-	-	-	-	-	-	-	25,941
926: A&G Loads	7,920	-	-	-	-	-	-	-	-	-	-	-	-	7,920
928: AFUDC Debt	641	456	458	461	463	465	467	470	297	167	84	54	2	4,486
929: AFUDC Equity	1,537	582	585	588	590	593	596	599	379	213	107	69	3	6,443
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(82,131)	(61,909)	(39,469)	(14,158)	(24,510)	(960)	(223,136)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(10,718)	(8,040)	(5,101)	(1,821)	(3,137)	(122)	(28,939)
Project Net	243,569	1,038	1,043	1,048	1,053	1,058	1,064	(91,780)	(69,272)	(44,190)	(15,788)	(27,524)	(1,076)	245

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	20,000	-	-	-	-	-	-	-	-	-	-	-	-	20,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	180,000	-	-	-	-	-	-	-	-	-	-	-	-	180,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,514	-	-	-	-	-	-	-	-	-	-	-	-	1,514
914: Pension and Benefits	4,304	-	-	-	-	-	-	-	-	-	-	-	-	4,304
915: Injuries and Damages	1,712	-	-	-	-	-	-	-	-	-	-	-	-	1,712
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	25,941	-	-	-	-	-	-	-	-	-	-	-	-	25,941
926: A&G Loads	7,920	-	-	-	-	-	-	-	-	-	-	-	-	7,920
928: AFUDC Debt	4,486	0	0	-	-	-	-	-	-	-	-	-	-	4,487
929: AFUDC Equity	6,443	1	0	-	-	-	-	-	-	-	-	-	-	6,444
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(223,136)	(102)	(117)	-	-	-	-	-	-	-	-	-	-	(223,355)
825: Closing Cost of Removal	(28,939)	(13)	(15)	-	-	-	-	-	-	-	-	-	-	(28,967)
Project Net	245	(114)	(131)	-	-	-	-	-	-	-	-	-	-	-

Project No: 15002114 SNM Misc 69kv Line Improvements

Company: 001 Electric Services
Location: 150 TNMP NM Dist General

Project Information

County % Grant 80%
Hidalgo 20%

Estimated Start Date 9/30/2014

Estimated Completion Date 12/31/2027

Description
This project covers minor capital improvements and replacements associated with 69kv transmission lines. The types of improvements typically covered by this annual project include replacement of poles and related structures and equipment which fail or have reached the end of their useful service lives. This work includes improvements of lightning performance from enhanced grounding, or improved clearances provided by the installation of taller poles. Aged wood cross arms and pin-type insulators with polymer post insulators may be also be replaced to improve reliability and reduce maintenance costs.

Project Need Justification
These improvements are needed to replace poles, and related structures and equipment that have failed and need to be replaced or that have reached the end of their useful service lives.

Project Alternatives
These capital improvements or replacements are required to maintain continued safe and reliable operation of 69kv lines, and as such, typically there are no alternatives to performing the work. Each task is evaluated and estimated individually. Life extension (such as ground line reinforcement) verses replacement is evaluated based on the possible impact on reliability and long-term maintenance costs.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Increased customer satisfaction due to faster restoration times and avoided outages are key customer benefits from this project.

Primary Value Driver Reliability

Safety Replacing aged infrastructure reduces the risk of failures which would result injuries to company personnel or the general public and damage to public and/or company property. Newer equipment also increases reliability (as it is less likely to fail) and is safer to maintain.

Reliability This project will ensure PNM's 69kV lines are maintained to company and reliability standards which will improve overall reliability.

System Performance

Security

Compliance

Environmental

Project No:	15002114	SNM Misc 69kv Line Improvements						
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	57,127	-	-	1,954	5,997	4,998	-	70,076
120: Overtime-General	10,741	-	-	-	-	-	-	10,741
350: Material Issues-Major	90,381	-	-	1,603	6,130	6,413	-	104,527
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	38,242	-	-	195	420	472	-	39,329
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,952	-	-	148	454	378	-	5,933
914: Pension and Benefits	18,021	-	-	421	1,291	1,076	-	20,807
915: Injuries and Damages	4,462	-	-	167	513	428	-	5,571
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	6,062	-	-	430	1,644	1,720	-	9,856
922: Minor Material Load	2,795	-	-	-	-	-	-	2,795
925: E&S Loads	28,114	-	-	561	1,851	1,721	-	32,246
926: A&G Loads	12,902	-	-	149	497	471	-	14,018
928: AFUDC Debt	4,467	-	-	4	19	41	-	4,531
929: AFUDC Equity	5,599	-	-	8	45	99	-	5,751
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(242,695)	-	-	-	-	(37,264)	-	(279,959)
825: Closing Cost of Removal	(41,170)	-	-	-	-	(5,052)	-	(46,222)
Project Net	-	-	-	5,640	18,860	(24,499)	-	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	70,076	-	-	1,954	5,997	7,815	-	-	-	1,954	5,997	4,998	-	98,793
120: Overtime-General	10,741	-	-	-	-	-	-	-	-	-	-	-	-	10,741
350: Material Issues-Major	104,527	-	-	1,509	6,130	6,413	-	-	-	1,603	6,130	6,413	-	132,726
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	39,329	-	-	-	472	472	-	-	-	195	420	472	-	41,358
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,933	-	-	147	452	589	-	-	-	147	452	376	-	8,095
914: Pension and Benefits	20,807	-	-	450	1,381	1,800	-	-	-	450	1,381	1,151	-	27,421
915: Injuries and Damages	5,571	-	-	194	597	778	-	-	-	194	597	497	-	8,428
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,856	-	-	428	1,738	1,818	-	-	-	454	1,738	1,818	-	17,849
922: Minor Material Load	2,795	-	-	-	-	-	-	-	-	-	-	-	-	2,795
925: E&S Loads	32,246	-	-	489	1,728	2,055	-	-	-	523	1,722	1,599	-	40,362
926: A&G Loads	14,018	-	-	124	452	528	-	-	-	135	450	427	-	16,134
928: AFUDC Debt	4,531	-	-	5	28	66	87	18	18	23	46	81	98	5,000
929: AFUDC Equity	5,751	-	-	6	35	85	112	22	23	29	59	103	125	6,350
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(279,959)	-	-	-	-	-	(33,081)	-	-	-	-	-	(46,133)	(359,173)
825: Closing Cost of Removal	(46,222)	-	-	-	-	-	(4,465)	-	-	-	-	-	(6,192)	(56,879)
Project Net	(0)	-	-	5,307	19,009	22,417	(37,347)	40	40	5,708	18,992	17,935	(52,102)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	98,793	-	-	1,954	5,997	7,815	-	-	-	1,954	5,997	4,998	-	127,509
120: Overtime-General	10,741	-	-	-	-	-	-	-	-	-	-	-	-	10,741
350: Material Issues-Major	132,726	-	-	1,509	6,130	6,413	-	-	-	1,603	6,130	6,413	-	160,924
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	41,358	-	-	-	472	472	-	-	-	195	420	472	-	43,388
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	8,095	-	-	147	452	589	-	-	-	147	452	376	-	10,257
914: Pension and Benefits	27,421	-	-	450	1,381	1,800	-	-	-	450	1,381	1,151	-	34,034
915: Injuries and Damages	8,428	-	-	194	597	778	-	-	-	194	597	497	-	11,285
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	17,849	-	-	428	1,738	1,818	-	-	-	454	1,738	1,818	-	25,842
922: Minor Material Load	2,795	-	-	-	-	-	-	-	-	-	-	-	-	2,795
925: E&S Loads	40,362	-	-	489	1,728	2,055	-	-	-	523	1,722	1,599	-	48,479
926: A&G Loads	16,134	-	-	151	548	639	-	-	-	163	546	517	-	18,699
928: AFUDC Debt	5,000	-	-	4	23	56	74	75	75	80	100	129	144	5,761
929: AFUDC Equity	6,350	-	-	7	41	98	129	129	130	139	173	224	250	7,670
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(359,173)	-	-	-	-	-	-	-	-	-	-	-	(80,622)	(439,795)
825: Closing Cost of Removal	(56,879)	-	-	-	-	-	-	-	-	-	-	-	(10,710)	(67,589)
Project Net	(0)	-	-	5,334	19,106	22,532	203	204	205	5,903	19,255	18,196	(90,938)	(0)

Project No: 15002316 Bird Guard Reliability Co34

Company: 001 Electric Services
Location: 150 TNMP NM Dist General

Project Information

Estimated Start Date 12/18/2015
Estimated Completion Date 12/31/2027

County %		
	Lincoln	38%
	Otero	31%
	Grant	21%
	Luna	8%
	Hidalgo	2%

Description
This project involves installation of protective covers for overhead distribution equipment to prevent birds and other wildlife from coming in direct contact with energized infrastructure. Bird or other wildlife contact with energized infrastructure often causes electrical outages and can be fatal to the animal.

Project Need Justification
Avian and other wildlife contact with electrical distribution infrastructure is a leading cause of outages annually across PNM's system. This project will help increase PNM's reliability by installing barriers to reduce the chances of wildlife-caused outages, while simultaneously providing the environmental benefit of protecting wildlife.

Project Alternatives
Installing protective covers for energized equipment is often the most economical means of preventing electrical contact of birds and other animals that leads to outages, especially in retrofit applications. Other alternatives include changing pole construction type or using longer spanning cross arms, however these are generally more expensive options and can also include the need to acquire additional right-of-way easements which can be time consuming, expensive or very challenging/impossible and may ultimately still require the need for equipment covers.

Project Estimate Approach
The estimate for annual spend on the project was developed by escalating the most recent 12-month spend by 2% annually. Additionally, incremental savings may be achieved by coordinating the scheduling of installation of bird guards simultaneously with two other projects: PURE (funding project 10001707); and Pole Grounds (funding project 10002516).

Customer Benefit
Bird guard installations increase reliability by reducing outages caused by electrical contact from birds and other wildlife.

Primary Value Driver Environmental

Safety

Reliability Installing bird guards increases reliability by reducing outages caused by electrical contact from birds and other wildlife.

System Performance

Security

Compliance

Environmental Installing bird guards reduces the hazard of electrical contact with birds and other wildlife, some of whom may be protected by federal or state environmental regulations.

Project No:	15002316 Bird Guard Reliability Co34							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	272,540	988	988	988	988	988	988	278,469
120: Overtime-General	9,372	-	-	-	-	-	-	9,372
350: Material Issues-Major	121,433	1,186	1,976	395	1,976	1,779	1,383	130,129
370: Outside Services	111,544	17,786	15,810	9,881	19,763	11,858	9,881	196,523
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	230,051	-	-	-	-	-	-	230,051
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	21,676	75	75	75	75	75	75	22,124
914: Pension and Benefits	69,405	213	213	213	213	213	213	70,681
915: Injuries and Damages	21,155	85	85	85	85	85	85	21,663
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,869	318	530	106	530	477	371	11,200
922: Minor Material Load	19,446	-	-	-	-	-	-	19,446
925: E&S Loads	88,096	2,542	2,393	1,455	2,887	1,875	1,578	100,826
926: A&G Loads	33,359	790	743	446	900	579	485	37,304
928: AFUDC Debt	6,752	-	-	-	-	-	-	6,752
929: AFUDC Equity	14,308	-	-	-	-	-	-	14,308
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(824,710)	(104,104)	-	-	(128,250)	-	(48,872)	(1,105,936)
825: Closing Cost of Removal	(16,194)	(1,439)	-	-	(7,283)	-	(4,623)	(29,539)
Project Net	187,103	(81,561)	22,813	13,643	(108,116)	17,927	(38,436)	13,374

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	278,469	988	988	988	988	988	988	988	988	988	988	988	988	290,327
120: Overtime-General	9,372	198	198	198	198	198	198	-	-	-	-	-	-	10,361
350: Material Issues-Major	130,129	198	3,953	1,976	3,953	1,976	1,976	1,186	1,976	395	1,976	1,779	1,383	152,856
370: Outside Services	196,523	5,929	17,786	17,786	17,786	31,620	17,786	17,786	15,810	9,881	19,763	11,858	9,881	390,198
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	230,051	366	198	198	198	198	-	-	-	-	-	-	-	231,208
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,124	89	89	89	89	89	74	74	74	74	74	74	74	23,092
914: Pension and Benefits	70,681	273	273	273	273	273	228	228	228	228	228	228	228	73,639
915: Injuries and Damages	21,663	118	118	118	118	118	98	98	98	98	98	98	98	22,941
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	11,200	56	1,120	560	1,120	560	560	336	560	112	560	504	392	17,643
922: Minor Material Load	19,446	-	-	-	-	-	-	-	-	-	-	-	-	19,446
925: E&S Loads	100,826	938	2,714	2,487	2,714	4,078	2,432	2,341	2,205	1,341	2,660	1,728	1,455	127,921
926: A&G Loads	37,304	276	830	759	830	1,256	745	717	674	404	816	525	440	45,575
928: AFUDC Debt	6,752	-	-	-	-	-	-	-	-	-	-	-	-	6,752
929: AFUDC Equity	14,308	-	-	-	-	-	-	-	-	-	-	-	-	14,308
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,105,936)	(4,103)	(8,257)	(11,082)	(13,841)	(18,351)	(19,061)	(19,430)	(19,524)	(17,999)	(19,180)	(18,474)	(69,634)	(1,344,872)
825: Closing Cost of Removal	(29,539)	(457)	(1,044)	(1,446)	(1,835)	(2,461)	(2,566)	(2,623)	(2,641)	(2,437)	(2,602)	(2,508)	(9,460)	(61,619)
Project Net	13,374	4,868	18,966	12,905	12,592	20,543	3,262	1,702	449	(6,914)	5,381	(3,200)	(64,154)	19,773

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	290,327	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028	302,663
120: Overtime-General	10,361	206	206	206	206	206	-	-	-	-	-	-	-	11,389
350: Material Issues-Major	152,856	206	4,112	2,056	4,112	2,056	2,056	1,234	2,056	411	2,056	1,850	1,439	176,500
370: Outside Services	390,198	6,168	18,504	18,504	18,504	32,896	18,504	18,504	16,448	10,280	20,560	12,336	10,280	591,684
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	231,208	380	206	206	206	206	-	-	-	-	-	-	-	232,410
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,092	93	93	93	93	93	77	77	77	77	77	77	77	24,098
914: Pension and Benefits	73,639	284	284	284	284	284	237	237	237	237	237	237	237	76,717
915: Injuries and Damages	22,941	123	123	123	123	123	102	102	102	102	102	102	102	24,270
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	17,643	58	1,166	583	1,166	583	583	350	583	117	583	525	408	24,345
922: Minor Material Load	19,446	-	-	-	-	-	-	-	-	-	-	-	-	19,446
925: E&S Loads	127,921	976	2,824	2,587	2,824	4,242	2,530	2,436	2,294	1,396	2,767	1,798	1,514	156,108
926: A&G Loads	45,575	347	1,046	957	1,046	1,583	939	903	850	510	1,029	662	555	56,002
928: AFUDC Debt	6,752	-	-	-	-	-	-	-	-	-	-	-	-	6,752
929: AFUDC Equity	14,308	-	-	-	-	-	-	-	-	-	-	-	-	14,308
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,344,872)	(5,219)	(9,383)	(12,192)	(14,962)	(19,590)	(20,258)	(20,584)	(20,634)	(18,999)	(20,204)	(19,439)	(73,217)	(1,599,552)
825: Closing Cost of Removal	(61,619)	(710)	(1,278)	(1,661)	(2,039)	(2,671)	(2,762)	(2,806)	(2,813)	(2,590)	(2,755)	(2,651)	(9,984)	(96,340)
Project Net	19,773	3,940	18,930	12,772	12,589	21,038	3,037	1,481	228	(7,432)	5,479	(3,476)	(67,560)	20,800

Project No: 15003019 **Lordsburg Substation Improvements**

Company: 001 Electric Services
Location: 150 TNMP NM Dist General

Project Information

County % Hidalgo 100%

Estimated Start Date 2/16/2017

Estimated Completion Date 9/1/2022

Description
This project will cover the installation of a 69kV breaker in the Lordsburg substation. This breaker will separate two transformers that currently are fed by the same bus (i.e., power source).

Project Need Justification
Separating the transformers with this new breaker will allow PNM to perform routine maintenance on one of the transformers without deenergizing both. When both transformers are deenergized, the entire town of Lordsburg experiences an outage. Currently, any time there is an outage on one of the transformers, or if maintenance is required, the entire town of Lordsburg experiences an outage until maintenance is completed or the issue is fixed. PNM plans to reconfigure the bus work in the station and install a circuit breaker between the two transformers to isolate the two in case of an outage. This will allow the transformers to be fed independently and will also give PNM the capability to transfer all load to a single transformer which will prevent outages.

Project Alternatives
This project is the optimal alternative of the three considered. One alternative was to relocate one of the existing transformers to a different location in the substation. The risk of damage during relocation is high so this alternative was not selected. The second alternative was to purchase a new transformer, but the high cost of new equipment and procurement lead time made this alternative unattractive. The final alternative was to do nothing. This option was not selected as it would not resolve the issue of outages in Lordsburg when one of the transformers is out of service.

Project Estimate Approach
PNM estimated this project using the known cost of a 69kV breaker and the labor needed to install it. We estimated the cost of labor to reconfigure the bus work and any minor material that will be needed to complete this project based on costs from similar projects.

Customer Benefit
This project will benefit customers in Lordsburg by reducing the probability of outages caused by the flow of power through the substation which will increase overall reliability.

Primary Value Driver Reliability

Safety
This project will mitigate potential safety risks to our customers by reducing the possibilities of outages in Lordsburg (which has both a hospital and 911 call center). It also reduces safety risks to PNM employees who must currently perform maintenance during the early hours of the morning to avoid outages to customers during peak hours.

Reliability
This project will increase reliability by reducing the probability of outages caused by the flow of power through the Lordsburg substation.

System Performance

Security

Compliance

Environmental

Project No:	15003019 Lordsburg Substation Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	362,712	-	-	-	-	-	-	362,712
120: Overtime-General	141,835	-	-	-	-	-	-	141,835
350: Material Issues-Major	172,050	-	-	-	-	-	-	172,050
370: Outside Services	788,164	-	-	-	-	-	-	788,164
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	256,103	-	-	-	-	-	-	256,103
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	38,279	-	-	-	-	-	-	38,279
914: Pension and Benefits	116,725	-	-	-	-	-	-	116,725
915: Injuries and Damages	43,246	-	-	-	-	-	-	43,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	7,302	-	-	-	-	-	-	7,302
922: Minor Material Load	711	-	-	-	-	-	-	711
925: E&S Loads	178,333	-	-	-	-	-	-	178,333
926: A&G Loads	70,841	-	-	-	-	-	-	70,841
928: AFUDC Debt	33,513	3,230	3,246	3,261	-	-	-	43,250
929: AFUDC Equity	93,577	7,753	7,790	7,827	-	-	-	116,947
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(2,330,549)	-	-	-	(2,330,549)
825: Closing Cost of Removal	-	-	-	-	(5,950)	-	-	(5,950)
Project Net	2,303,392	10,983	11,036	(2,319,461)	(5,950)	-	-	-

Project No:	15003019 Lordsburg Substation Improvements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	362,712	-	-	-	-	-	-	-	-	-	-	-	-	362,712
120: Overtime-General	141,835	-	-	-	-	-	-	-	-	-	-	-	-	141,835
350: Material Issues-Major	172,050	-	-	-	-	-	-	-	-	-	-	-	-	172,050
370: Outside Services	788,164	-	-	-	-	-	-	-	-	-	-	-	-	788,164
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	256,103	-	-	-	-	-	-	-	-	-	-	-	-	256,103
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	38,279	-	-	-	-	-	-	-	-	-	-	-	-	38,279
914: Pension and Benefits	116,725	-	-	-	-	-	-	-	-	-	-	-	-	116,725
915: Injuries and Damages	43,246	-	-	-	-	-	-	-	-	-	-	-	-	43,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,302	-	-	-	-	-	-	-	-	-	-	-	-	7,302
922: Minor Material Load	711	-	-	-	-	-	-	-	-	-	-	-	-	711
925: E&S Loads	178,333	-	-	-	-	-	-	-	-	-	-	-	-	178,333
926: A&G Loads	70,841	-	-	-	-	-	-	-	-	-	-	-	-	70,841
928: AFUDC Debt	43,250	-	-	-	-	-	-	-	-	-	-	-	-	43,250
929: AFUDC Equity	116,947	-	-	-	-	-	-	-	-	-	-	-	-	116,947
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,330,549)	-	-	-	-	-	-	-	-	-	-	-	-	(2,330,549)
825: Closing Cost of Removal	(5,950)	-	-	-	-	-	-	-	-	-	-	-	-	(5,950)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	15003019 Lordsburg Substation Improvements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	362,712	-	-	-	-	-	-	-	-	-	-	-	-	362,712
120: Overtime-General	141,835	-	-	-	-	-	-	-	-	-	-	-	-	141,835
350: Material Issues-Major	172,050	-	-	-	-	-	-	-	-	-	-	-	-	172,050
370: Outside Services	788,164	-	-	-	-	-	-	-	-	-	-	-	-	788,164
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	256,103	-	-	-	-	-	-	-	-	-	-	-	-	256,103
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	38,279	-	-	-	-	-	-	-	-	-	-	-	-	38,279
914: Pension and Benefits	116,725	-	-	-	-	-	-	-	-	-	-	-	-	116,725
915: Injuries and Damages	43,246	-	-	-	-	-	-	-	-	-	-	-	-	43,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,302	-	-	-	-	-	-	-	-	-	-	-	-	7,302
922: Minor Material Load	711	-	-	-	-	-	-	-	-	-	-	-	-	711
925: E&S Loads	178,333	-	-	-	-	-	-	-	-	-	-	-	-	178,333
926: A&G Loads	70,841	-	-	-	-	-	-	-	-	-	-	-	-	70,841
928: AFUDC Debt	43,250	-	-	-	-	-	-	-	-	-	-	-	-	43,250
929: AFUDC Equity	116,947	-	-	-	-	-	-	-	-	-	-	-	-	116,947
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,330,549)	-	-	-	-	-	-	-	-	-	-	-	-	(2,330,549)
825: Closing Cost of Removal	(5,950)	-	-	-	-	-	-	-	-	-	-	-	-	(5,950)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 15034011 WNM Engineering Tools and Equip

Company: 001 Electric Services
Location: 150 TNMP NM Dist General

Project Information

Estimated Start Date 10/3/2011
Estimated Completion Date 12/31/2027

County %	Otero	33%
	Lincoln	30%
	Luna	26%
	Grant	11%

Description
This project is to fund the purchase of tools and equipment used by Southern New Mexico Engineering and Line Department for engineering, design, construction, and maintenance activities. These tools and equipment include lineman's climbing gear, chainsaws, utility crimpers, ACSR cutters, and underground cable cutters.

Project Need Justification
New tools and equipment are needed to replace those that are at the end of their useful life, or are defective/broken. These new tools will reduce safety risks associated with using tools that are aged or not in proper working order. Using properly functioning tools will also increase the efficiency by which tasks are completed by this department.

Project Alternatives
The only alternative is not purchasing new tools and equipment. This course of action would negatively impact PNM employees' ability to perform distribution work, which potentially increases costs as more time and effort are required to complete tasks without proper tools/equipment.
Specific alternatives as to the type of tools and equipment purchased will be evaluated the time of replacement.

Project Estimate Approach
Initial Budget projections were based on historical purchases of similar tools and equipment from previous years, accounting for escalators.

Customer Benefit
Customers benefit from this project as PNM employees with the right tools are able to respond to and restore outages more quickly improving reliability of customers' electricity service.

Primary Value Driver Safety
Having the proper tools and equipment needed to conduct distribution work will ensure that PNM employees safety when responding to customer outages.

Reliability This project improves overall reliability by ensuring PNM employees have access to tools necessary to respond and restore outages as quickly as possible.

System Performance

Security

Compliance

Environmental

Project No:	15034011 WNM Engineering Tools and Equip							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	27	-	-	-	-	-	-	27
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	455,491	5,000	16,600	-	16,500	-	-	493,591
370: Outside Services	3,979	-	-	-	-	-	-	3,979
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,391	41	79	-	29	-	-	2,540
610: Expenses - General	944	-	-	-	-	-	-	944
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2	-	-	-	-	-	-	2
914: Pension and Benefits	8	-	-	-	-	-	-	8
915: Injuries and Damages	2	-	-	-	-	-	-	2
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,316	1,341	4,451	-	4,424	-	-	13,532
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	26,428	198	657	-	653	-	-	27,937
928: AFUDC Debt	174	-	-	-	-	-	-	174
929: AFUDC Equity	128	-	-	-	-	-	-	128
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(480,615)	-	(40,421)	-	(21,607)	-	-	(542,644)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	12,275	6,580	(18,634)	-	-	-	-	221

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	27	-	-	-	-	-	-	-	-	-	-	-	-	27
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	493,591	-	7,050	16,500	8,000	6,000	16,500	5,000	16,600	-	16,500	-	-	585,741
370: Outside Services	3,979	-	-	-	-	-	96,000	96,000	96,000	96,000	-	-	-	387,979
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,540	-	13	57	15	42	232	157	501	151	342	-	-	4,051
610: Expenses - General	944	-	-	-	-	-	-	-	-	-	-	-	-	944
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2	-	-	-	-	-	-	-	-	-	-	-	-	2
914: Pension and Benefits	8	-	-	-	-	-	-	-	-	-	-	-	-	8
915: Injuries and Damages	2	-	-	-	-	-	-	-	-	-	-	-	-	2
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	13,532	-	1,998	4,677	2,268	1,701	4,677	1,417	4,705	-	4,677	-	-	39,653
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	27,937	-	253	592	287	215	4,039	3,626	4,042	3,446	592	-	-	45,031
928: AFUDC Debt	174	-	-	-	-	-	-	-	-	-	-	-	-	174
929: AFUDC Equity	128	-	-	-	-	-	-	-	-	-	-	-	-	128
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(542,644)	-	-	(31,141)	-	-	(139,975)	-	(228,049)	-	(121,710)	-	-	(1,063,519)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	221	-	9,314	(9,314)	10,570	7,958	(18,528)	106,200	(106,200)	99,598	(99,598)	-	-	221

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	27	-	-	-	-	-	-	-	-	-	-	-	-	27
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	585,741	-	6,874	16,500	8,000	6,000	16,500	5,000	17,000	-	17,500	-	-	679,115
370: Outside Services	387,979	-	-	-	-	-	-	-	-	-	-	-	-	387,979
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	4,051	-	16	69	18	50	102	11	62	-	40	-	-	4,420
610: Expenses - General	944	-	-	-	-	-	-	-	-	-	-	-	-	944
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2	-	-	-	-	-	-	-	-	-	-	-	-	2
914: Pension and Benefits	8	-	-	-	-	-	-	-	-	-	-	-	-	8
915: Injuries and Damages	2	-	-	-	-	-	-	-	-	-	-	-	-	2
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	39,653	-	1,949	4,677	2,268	1,701	4,677	1,417	4,819	-	4,961	-	-	66,121
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	45,031	-	299	718	348	261	718	218	740	-	761	-	-	49,092
928: AFUDC Debt	174	-	-	-	-	-	-	-	-	-	-	-	-	174
929: AFUDC Equity	128	-	-	-	-	-	-	-	-	-	-	-	-	128
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,063,519)	-	-	(31,101)	-	-	(40,643)	-	(29,266)	-	(23,262)	-	-	(1,187,792)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	221	-	9,137	(9,137)	10,634	8,012	(18,646)	6,646	(6,646)	-	-	-	-	221

Project No: 15100107 Line Extensions - Residential

Company: 001 Electric Services
Location: 151 Alamagordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions.

Project Alternatives
Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new home.

Primary Value Driver Compliance
Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No: 15100107 Line Extensions - Residential

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	477,736	1,520	1,132	1,246	627	2,388	2,144	486,794
120: Overtime-General	31,493	10	7	8	4	16	14	31,553
350: Material Issues-Major	571,908	931	693	763	384	1,463	1,313	577,455
370: Outside Services	141,611	410	305	336	169	644	578	144,055
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	228,092	-	-	-	-	-	-	228,092
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,658,547)	(1,272)	(947)	(1,043)	(525)	(1,999)	(1,794)	(1,666,127)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	37,169	116	86	95	48	182	163	37,860
914: Pension and Benefits	135,407	329	245	270	136	517	464	137,369
915: Injuries and Damages	36,125	131	98	107	54	206	185	36,905
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	24,583	250	186	205	103	392	352	26,070
922: Minor Material Load	45,918	-	-	-	-	-	-	45,918
925: E&S Loads	207,061	431	321	353	178	677	608	209,629
926: A&G Loads	81,248	114	85	93	47	179	160	81,925
928: AFUDC Debt	1	-	-	-	-	-	-	1
929: AFUDC Equity	1	-	-	-	-	-	-	1
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(232,401)	(10,561)	(9,011)	(7,774)	(6,569)	(6,126)	(5,686)	(278,128)
825: Closing Cost of Removal	(39,491)	(5,258)	(4,359)	(3,627)	(3,001)	(2,561)	(2,191)	(60,488)
Project Net	87,915	(12,850)	(11,159)	(8,967)	(8,344)	(4,021)	(3,689)	38,885

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	486,794	3,284	1,464	1,241	2,401	1,517	2,010	1,558	1,160	1,277	643	2,448	2,198	507,994
120: Overtime-General	31,553	22	10	8	16	10	13	10	8	8	4	16	15	31,694
350: Material Issues-Major	577,455	1,991	888	753	1,456	920	1,219	945	704	774	390	1,485	1,333	590,312
370: Outside Services	144,055	877	391	332	641	405	537	416	310	341	172	654	587	149,720
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	228,092	-	-	-	-	-	-	-	-	-	-	-	-	228,092
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,666,127)	(2,721)	(1,213)	(1,028)	(1,989)	(1,257)	(1,666)	(1,291)	(961)	(1,058)	(533)	(2,029)	(1,821)	(1,683,696)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	37,860	249	111	94	182	115	152	118	88	97	49	186	167	39,467
914: Pension and Benefits	137,369	761	339	288	557	352	466	361	269	296	149	568	509	142,284
915: Injuries and Damages	36,905	329	147	124	240	152	201	156	116	128	64	245	220	39,029
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	26,070	564	252	213	413	261	346	268	199	220	111	421	378	29,715
922: Minor Material Load	45,918	-	-	-	-	-	-	-	-	-	-	-	-	45,918
925: E&S Loads	209,629	864	385	327	632	399	529	410	305	336	169	644	578	215,207
926: A&G Loads	81,925	222	99	84	162	102	136	105	78	86	43	165	148	83,356
928: AFUDC Debt	1	-	-	-	-	-	-	-	-	-	-	-	-	1
929: AFUDC Equity	1	-	-	-	-	-	-	-	-	-	-	-	-	1
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(278,128)	(5,683)	(5,115)	(4,580)	(4,502)	(4,163)	(4,038)	(3,796)	(3,473)	(3,245)	(2,860)	(3,106)	(3,230)	(325,919)
825: Closing Cost of Removal	(60,488)	(1,936)	(1,649)	(1,405)	(1,254)	(1,092)	(981)	(870)	(763)	(680)	(585)	(583)	(571)	(72,857)
Project Net	38,885	(1,177)	(3,892)	(3,550)	(1,046)	(2,279)	(1,076)	(1,609)	(1,960)	(1,419)	(2,183)	1,113	510	20,317

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	507,994	3,366	1,501	1,272	2,461	1,555	2,060	1,597	1,189	1,309	659	2,509	2,252	529,725
120: Overtime-General	31,694	22	10	8	16	10	14	11	8	9	4	17	15	31,838
350: Material Issues-Major	590,312	2,021	901	764	1,478	934	1,237	959	714	786	396	1,507	1,353	603,362
370: Outside Services	149,720	891	397	337	651	411	545	423	315	346	174	664	596	155,469
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	228,092	-	-	-	-	-	-	-	-	-	-	-	-	228,092
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,683,696)	(2,762)	(1,231)	(1,044)	(2,019)	(1,276)	(1,691)	(1,311)	(976)	(1,074)	(541)	(2,059)	(1,848)	(1,701,528)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	39,467	255	114	96	187	118	156	121	90	99	50	190	171	41,114
914: Pension and Benefits	142,284	780	348	295	570	360	478	370	276	303	153	582	522	147,322
915: Injuries and Damages	39,029	337	150	127	246	156	206	160	119	131	66	251	226	41,205
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	29,715	573	255	217	419	265	351	272	202	223	112	427	383	33,414
922: Minor Material Load	45,918	-	-	-	-	-	-	-	-	-	-	-	-	45,918
925: E&S Loads	215,207	882	393	333	645	408	540	419	312	343	173	658	590	220,904
926: A&G Loads	83,356	274	122	104	200	127	168	130	97	107	54	204	183	85,126
928: AFUDC Debt	1	-	-	-	-	-	-	-	-	-	-	-	-	1
929: AFUDC Equity	1	-	-	-	-	-	-	-	-	-	-	-	-	1
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(325,919)	(3,700)	(3,503)	(3,270)	(3,450)	(3,315)	(3,362)	(3,256)	(3,042)	(2,903)	(2,587)	(2,905)	(3,086)	(364,299)
825: Closing Cost of Removal	(72,857)	(612)	(566)	(518)	(530)	(501)	(498)	(477)	(442)	(418)	(371)	(411)	(433)	(78,632)
Project Net	20,317	2,327	(1,109)	(1,279)	874	(748)	204	(582)	(1,137)	(739)	(1,657)	1,634	925	19,030

Project No: 15100207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 151 Alamagordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new non-residential customers.

Project Alternatives
Because this project is necessary for PNM to serve new and existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15100207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	737,635	9,397	9,397	8,462	10,132	6,311	6,264	787,598
120: Overtime-General	26,160	-	-	-	-	-	-	26,160
350: Material Issues-Major	756,455	7,361	7,361	6,629	7,937	4,944	4,908	795,596
370: Outside Services	236,952	1,118	1,118	1,007	1,206	751	746	242,899
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	480,322	-	-	-	-	-	-	480,322
805: Land and Land Rights	2,000	-	-	-	-	-	-	2,000
807: Non Refundable Contrib	(1,177,145)	(7,144)	(7,144)	(6,433)	(7,703)	(4,798)	(4,762)	(1,215,129)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	56,926	711	711	641	767	478	474	60,709
914: Pension and Benefits	201,431	2,022	2,022	1,821	2,180	1,358	1,348	212,183
915: Injuries and Damages	56,556	804	804	724	867	540	536	60,833
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	46,056	1,974	1,974	1,778	2,128	1,326	1,316	56,551
922: Minor Material Load	62,560	-	-	-	-	-	-	62,560
925: E&S Loads	283,288	2,677	2,677	2,411	2,886	1,798	1,785	297,521
926: A&G Loads	112,235	708	708	638	763	475	472	115,999
928: AFUDC Debt	370	-	-	-	-	-	-	370
929: AFUDC Equity	321	-	-	-	-	-	-	321
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,529,571)	(45,084)	(38,965)	(33,815)	(30,474)	(26,322)	(23,064)	(1,727,295)
825: Closing Cost of Removal	(135,573)	(6,975)	(5,959)	(5,115)	(4,548)	(3,896)	(3,384)	(165,450)
Project Net	216,978	(32,430)	(25,295)	(21,253)	(13,856)	(17,033)	(13,363)	93,747

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	787,598	9,632	7,170	9,845	9,632	10,274	9,252	9,632	9,632	8,674	10,386	6,469	6,421	894,615
120: Overtime-General	26,160	-	-	-	-	-	-	-	-	-	-	-	-	26,160
350: Material Issues-Major	795,596	7,472	5,562	7,637	7,472	7,970	7,177	7,472	7,472	6,729	8,057	5,018	4,981	878,615
370: Outside Services	242,899	1,135	845	1,160	1,135	1,211	1,090	1,135	1,135	1,022	1,224	762	757	255,511
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	480,322	-	-	-	-	-	-	-	-	-	-	-	-	480,322
805: Land and Land Rights	2,000	-	-	-	-	-	-	-	-	-	-	-	-	2,000
807: Non Refundable Contrib	(1,215,129)	(7,251)	(5,398)	(7,412)	(7,251)	(7,735)	(6,965)	(7,251)	(7,251)	(6,530)	(7,818)	(4,870)	(4,834)	(1,295,693)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	60,709	725	540	741	725	774	697	725	725	653	782	487	484	68,767
914: Pension and Benefits	212,183	2,218	1,651	2,267	2,218	2,366	2,131	2,218	2,218	1,998	2,392	1,490	1,479	236,829
915: Injuries and Damages	60,833	958	713	980	958	1,022	921	958	958	863	1,033	644	639	71,481
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	56,551	2,118	1,577	2,165	2,118	2,259	2,034	2,118	2,118	1,907	2,284	1,423	1,412	80,084
922: Minor Material Load	62,560	-	-	-	-	-	-	-	-	-	-	-	-	62,560
925: E&S Loads	297,521	2,546	1,895	2,603	2,546	2,716	2,446	2,546	2,546	2,293	2,745	1,710	1,697	325,811
926: A&G Loads	115,999	655	487	669	655	698	629	655	655	590	706	440	437	123,274
928: AFUDC Debt	370	-	-	-	-	-	-	-	-	-	-	-	-	370
929: AFUDC Equity	321	-	-	-	-	-	-	-	-	-	-	-	-	321
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,727,295)	(21,903)	(19,997)	(19,596)	(19,197)	(19,147)	(18,693)	(18,493)	(18,337)	(17,826)	(18,123)	(16,763)	(15,684)	(1,951,053)
825: Closing Cost of Removal	(165,450)	(3,173)	(2,872)	(2,786)	(2,706)	(2,680)	(2,603)	(2,564)	(2,533)	(2,456)	(2,491)	(2,301)	(2,151)	(196,767)
Project Net	93,747	(4,868)	(7,825)	(1,726)	(1,696)	(271)	(1,884)	(848)	(662)	(2,084)	1,176	(5,492)	(4,362)	63,206

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	894,615	9,872	7,349	10,091	9,872	10,531	9,483	9,872	9,872	8,891	10,645	6,631	6,582	1,004,308
120: Overtime-General	26,160	-	-	-	-	-	-	-	-	-	-	-	-	26,160
350: Material Issues-Major	878,615	7,584	5,646	7,752	7,584	8,090	7,285	7,584	7,584	6,830	8,177	5,094	5,056	962,878
370: Outside Services	255,511	1,152	858	1,178	1,152	1,229	1,107	1,152	1,152	1,038	1,242	774	768	268,313
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	480,322	-	-	-	-	-	-	-	-	-	-	-	-	480,322
805: Land and Land Rights	2,000	-	-	-	-	-	-	-	-	-	-	-	-	2,000
807: Non Refundable Contrib	(1,295,693)	(7,360)	(5,479)	(7,523)	(7,360)	(7,851)	(7,069)	(7,360)	(7,360)	(6,628)	(7,936)	(4,943)	(4,906)	(1,377,466)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	68,767	743	553	760	743	793	714	743	743	669	802	499	496	77,027
914: Pension and Benefits	236,829	2,274	1,693	2,324	2,274	2,425	2,184	2,274	2,274	2,047	2,452	1,527	1,516	262,091
915: Injuries and Damages	71,481	982	731	1,004	982	1,048	944	982	982	885	1,059	660	655	82,396
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	80,084	2,150	1,600	2,197	2,150	2,293	2,065	2,150	2,150	1,936	2,318	1,444	1,433	103,969
922: Minor Material Load	62,560	-	-	-	-	-	-	-	-	-	-	-	-	62,560
925: E&S Loads	325,811	2,600	1,935	2,658	2,600	2,773	2,497	2,600	2,600	2,341	2,803	1,746	1,733	354,698
926: A&G Loads	123,274	809	603	827	809	863	778	809	809	729	873	544	540	132,268
928: AFUDC Debt	370	-	-	-	-	-	-	-	-	-	-	-	-	370
929: AFUDC Equity	321	-	-	-	-	-	-	-	-	-	-	-	-	321
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,951,053)	(16,262)	(15,683)	(16,350)	(16,781)	(17,386)	(17,431)	(17,624)	(17,775)	(17,492)	(17,988)	(16,736)	(15,740)	(2,154,301)
825: Closing Cost of Removal	(196,767)	(2,227)	(2,146)	(2,235)	(2,293)	(2,374)	(2,380)	(2,405)	(2,426)	(2,387)	(2,454)	(2,283)	(2,147)	(224,523)
Project Net	63,206	2,319	(2,339)	2,683	1,733	2,434	176	777	606	(1,141)	1,994	(5,043)	(4,015)	63,390

Project No: 15100507 Lighting
Company: 001 Electric Services
Location: 151 Alamagordo Services Dist

Project Information County % Otero 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project includes costs for the installation, relocation, removal or replacement of PNM owned street lighting and floodlighting and the removal or replacement of private area lighting. This work includes poles, light fixtures, wiring, and ancillary lighting equipment. The poles may be either wood or aluminum ranging in size from 30 to 45 feet. Fixtures include high pressure sodium lights ranging from 70 to 400 watts per fixture and LED lights ranging from 25 to 300 watts. For PNM owned street lights, this will include the installation of 150 feet of service wire and the luminaire. All street lighting and floodlighting systems installed will adhere to PNM equipment standards provided in Rate Schedule 20 allowing for efficient and effective maintenance in the future.

Project Need Justification

This project provides the funds necessary to meet PNM’s contractual obligations with municipal corporations and subdivisions within the state of New Mexico and service requirements allowed under the rate schedules. This project will allow PNM to install street lighting and flood lighting systems in accordance with PNM Rate Schedule 20 Integrated System Streetlighting and Flood Lighting Service – New Installations and PNM Rate Schedule 6 Private Area Lighting Service.

Project Alternatives

Because of these contractual obligations and requirements under the rate schedules, there are no other alternative methods for this project. Under Rate Schedule 20, customers have the option to own streetlights and pay PNM or a contractor for their installation, or to request that PNM install and own the lights. Customers may request installation of LED lights, high pressure sodium lights, or LED operational substitutes for converting existing mercury vapor, high pressure sodium, or low pressure sodium lights. Under Rate Schedule 6 and the terms of the Agreement for Lighting Service thereunder, private lights are removed at the customer’s request and at PNM’s costs. PNM must honor installation requests under PNM Rate 20.

Project Estimate Approach

Historical spend in this funding project was analyzed to develop this project’s estimated future spend. This blanket’s project spend forecast is prepared by escalating the most recent 12-month actual spend by labor and non-labor escalation rates.

Customer Benefit

The customer benefit from this project is electric service for their streetlighting and floodlighting needs.

Primary Value Driver Compliance

Safety This project includes the installation of new and replacement of damage streetlighting facilities thus supporting and restoring the public safety benefits of streetlighting and floodlighting.

Reliability

System Performance

Security

Compliance This project is implemented in accordance with PNM Rate Schedule 20 - Integrated System StreetLighting and Floodlighting Service, and PNM Rate Schedule 6 - Private Area Lighting Service and new installations.

Environmental

Project No:	15100507 Lighting							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	254,236	2,519	1,304	1,509	1,947	2,441	1,419	265,375
120: Overtime-General	6,594	-	-	-	-	-	-	6,594
350: Material Issues-Major	716,470	8,783	4,548	5,261	6,788	8,512	4,948	755,309
370: Outside Services	101,939	899	465	538	695	871	506	105,915
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	201,110	-	-	-	-	-	-	201,110
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(77,577)	-	-	-	-	-	-	(77,577)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,439	191	99	114	147	185	107	20,282
914: Pension and Benefits	66,729	542	281	325	419	525	305	69,126
915: Injuries and Damages	19,182	216	112	129	167	209	121	20,135
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	44,981	2,355	1,219	1,411	1,820	2,282	1,327	55,396
922: Minor Material Load	81,600	-	-	-	-	-	-	81,600
925: E&S Loads	185,088	1,644	851	985	1,270	1,593	926	192,357
926: A&G Loads	78,310	483	250	289	373	468	272	80,447
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,495,943)	(4,472)	(5,184)	(6,006)	(7,203)	(8,770)	(8,764)	(1,536,342)
825: Closing Cost of Removal	(177,876)	(3,911)	(3,348)	(2,932)	(2,672)	(2,548)	(2,277)	(195,564)
Project Net	24,282	9,248	597	1,623	3,751	5,769	(1,108)	44,163

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	265,375	1,996	2,984	1,996	3,023	1,238	2,294	2,582	1,337	1,547	1,996	2,502	1,455	290,323
120: Overtime-General	6,594	-	-	-	-	-	-	-	-	-	-	-	-	6,594
350: Material Issues-Major	755,309	6,890	10,303	6,890	10,437	4,276	7,920	8,914	4,616	5,340	6,890	8,639	5,022	841,444
370: Outside Services	105,915	705	1,055	705	1,068	438	811	912	472	547	705	884	514	114,732
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	201,110	-	-	-	-	-	-	-	-	-	-	-	-	201,110
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(77,577)	-	-	-	-	-	-	-	-	-	-	-	-	(77,577)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	20,282	150	225	150	228	93	173	194	101	116	150	188	110	22,161
914: Pension and Benefits	69,126	460	687	460	696	285	528	595	308	356	460	576	335	74,871
915: Injuries and Damages	20,135	199	297	199	301	123	228	257	133	154	199	249	145	22,618
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	55,396	1,953	2,920	1,953	2,958	1,212	2,245	2,527	1,308	1,514	1,953	2,449	1,424	79,812
922: Minor Material Load	81,600	-	-	-	-	-	-	-	-	-	-	-	-	81,600
925: E&S Loads	192,357	1,196	1,788	1,196	1,812	742	1,375	1,547	801	927	1,196	1,500	872	207,308
926: A&G Loads	80,447	344	515	344	522	214	396	445	231	267	344	432	251	84,751
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,536,342)	(9,456)	(11,221)	(11,422)	(12,841)	(11,790)	(12,243)	(12,958)	(12,004)	(11,498)	(11,644)	(12,381)	(11,687)	(1,677,488)
825: Closing Cost of Removal	(195,564)	(2,155)	(2,222)	(2,111)	(2,194)	(1,962)	(1,953)	(1,994)	(1,818)	(1,713)	(1,704)	(1,781)	(1,668)	(218,840)
Project Net	44,163	2,281	7,330	359	6,009	(5,132)	1,773	3,023	(4,516)	(2,445)	545	3,258	(3,228)	53,420

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	290,323	2,045	3,059	2,045	3,098	1,269	2,351	2,646	1,370	1,585	2,045	2,565	1,491	315,895
120: Overtime-General	6,594	-	-	-	-	-	-	-	-	-	-	-	-	6,594
350: Material Issues-Major	841,444	6,993	10,457	6,993	10,593	4,340	8,038	9,048	4,685	5,420	6,993	8,769	5,098	928,872
370: Outside Services	114,732	716	1,070	716	1,084	444	823	926	480	555	716	898	522	123,681
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	201,110	-	-	-	-	-	-	-	-	-	-	-	-	201,110
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(77,577)	-	-	-	-	-	-	-	-	-	-	-	-	(77,577)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,161	154	230	154	233	96	177	199	103	119	154	193	112	24,086
914: Pension and Benefits	74,871	471	704	471	714	292	541	609	316	365	471	591	343	80,761
915: Injuries and Damages	22,618	204	304	204	308	126	234	263	136	158	204	255	148	25,162
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	79,812	1,982	2,964	1,982	3,003	1,230	2,279	2,565	1,328	1,536	1,982	2,486	1,445	104,595
922: Minor Material Load	81,600	-	-	-	-	-	-	-	-	-	-	-	-	81,600
925: E&S Loads	207,308	1,217	1,820	1,217	1,844	755	1,399	1,575	815	943	1,217	1,526	887	222,523
926: A&G Loads	84,751	424	635	424	643	263	488	549	284	329	424	532	309	90,056
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,677,488)	(11,850)	(13,219)	(13,076)	(14,248)	(12,950)	(13,234)	(13,822)	(12,733)	(12,124)	(12,200)	(12,895)	(12,139)	(1,831,978)
825: Closing Cost of Removal	(218,840)	(1,675)	(1,850)	(1,821)	(1,973)	(1,790)	(1,824)	(1,900)	(1,749)	(1,663)	(1,672)	(1,765)	(1,660)	(240,184)
Project Net	53,420	681	6,175	(690)	5,299	(5,924)	1,272	2,658	(4,964)	(2,777)	335	3,154	(3,443)	55,197

Project No: 15100607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 151 Alamagordo Services Dist

Project Information County % Otero 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including but not limited to, insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification

This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives

This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach

Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit

Customers benefit through outage restoration and increased reliability by maintaining system integrity through the replacement of damaged equipment and equipment taken out of service by storms or other events.

Primary Value Driver Compliance

Safety

Reliability Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	15100607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	977,557	6,728	5,452	5,153	5,901	5,953	2,975	1,009,719
120: Overtime-General	154,247	1,200	972	919	1,052	1,062	530	159,983
350: Material Issues-Major	913,037	5,872	4,758	4,497	5,150	5,195	2,596	941,105
370: Outside Services	703,490	10,699	8,670	8,195	9,384	9,467	4,731	754,635
374: Outside Services Legal	5,717	-	-	-	-	-	-	5,717
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	707,340	99	80	76	87	88	44	707,814
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(288,536)	(1,937)	(1,570)	(1,484)	(1,699)	(1,714)	(856)	(297,796)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	83,046	600	486	460	526	531	265	85,915
914: Pension and Benefits	299,804	1,706	1,382	1,307	1,496	1,510	754	307,960
915: Injuries and Damages	83,639	679	550	520	595	600	300	86,883
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	63,848	1,574	1,276	1,206	1,381	1,393	696	71,374
922: Minor Material Load	90,218	-	-	-	-	-	-	90,218
925: E&S Loads	463,870	3,448	2,794	2,641	3,024	3,051	1,524	480,352
926: A&G Loads	188,261	974	789	746	854	862	431	192,917
928: AFUDC Debt	11	-	-	-	-	-	-	11
929: AFUDC Equity	15	-	-	-	-	-	-	15
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(3,597,303)	(17,305)	(17,936)	(18,343)	(19,073)	(19,741)	(97,387)	(3,787,088)
825: Closing Cost of Removal	(662,502)	(8,783)	(8,098)	(7,475)	(6,978)	(6,544)	(30,794)	(731,174)
Project Net	185,761	5,554	(395)	(1,584)	1,703	1,714	(114,190)	78,562

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,009,719	14,829	5,799	5,949	6,920	4,242	6,838	6,896	5,588	5,282	6,049	6,102	3,049	1,087,264
120: Overtime-General	159,983	2,645	1,034	1,061	1,234	757	1,219	1,230	997	942	1,079	1,088	544	173,811
350: Material Issues-Major	941,105	12,815	5,011	5,141	5,980	3,666	5,909	5,960	4,829	4,565	5,227	5,273	2,635	1,008,116
370: Outside Services	754,635	23,352	9,131	9,368	10,897	6,680	10,768	10,860	8,800	8,318	9,525	9,609	4,801	876,743
374: Outside Services Legal	5,717	-	-	-	-	-	-	-	-	-	-	-	-	5,717
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	707,814	217	85	87	101	62	100	101	82	77	88	89	45	708,946
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(297,796)	(4,228)	(1,653)	(1,696)	(1,973)	(1,210)	(1,950)	(1,966)	(1,593)	(1,506)	(1,725)	(1,740)	(869)	(319,904)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	85,915	1,316	515	528	614	376	607	612	496	469	537	541	271	92,795
914: Pension and Benefits	307,960	4,024	1,574	1,614	1,878	1,151	1,856	1,871	1,516	1,433	1,641	1,656	827	329,003
915: Injuries and Damages	86,883	1,739	680	697	811	497	802	809	655	619	709	715	358	95,975
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	71,374	3,633	1,420	1,457	1,695	1,039	1,675	1,689	1,369	1,294	1,482	1,495	747	90,369
922: Minor Material Load	90,218	-	-	-	-	-	-	-	-	-	-	-	-	90,218
925: E&S Loads	480,352	7,008	2,740	2,811	3,270	2,005	3,231	3,259	2,641	2,496	2,858	2,884	1,441	516,996
926: A&G Loads	192,917	1,933	756	776	902	553	892	899	729	689	789	796	398	203,028
928: AFUDC Debt	11	-	-	-	-	-	-	-	-	-	-	-	-	11
929: AFUDC Equity	15	-	-	-	-	-	-	-	-	-	-	-	-	15
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,787,088)	(14,479)	(15,602)	(16,665)	(18,079)	(18,002)	(19,216)	(20,312)	(20,632)	(20,762)	(21,255)	(21,715)	(106,501)	(4,100,307)
825: Closing Cost of Removal	(731,174)	(3,262)	(3,261)	(3,270)	(3,343)	(3,227)	(3,300)	(3,368)	(3,340)	(3,294)	(3,306)	(3,320)	(16,154)	(783,621)
Project Net	78,562	51,541	8,228	7,858	10,907	(1,410)	9,431	8,539	2,136	621	3,699	3,474	(108,410)	75,176

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,087,264	15,200	5,944	6,098	7,093	4,348	7,009	7,069	5,728	5,414	6,200	6,255	3,125	1,166,746
120: Overtime-General	173,811	2,711	1,060	1,087	1,265	775	1,250	1,261	1,021	965	1,106	1,115	557	187,985
350: Material Issues-Major	1,008,116	13,007	5,086	5,218	6,070	3,721	5,998	6,049	4,902	4,633	5,306	5,352	2,675	1,076,133
370: Outside Services	876,743	23,702	9,268	9,508	11,060	6,780	10,929	11,023	8,932	8,442	9,668	9,753	4,873	1,000,682
374: Outside Services Legal	5,717	-	-	-	-	-	-	-	-	-	-	-	-	5,717
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	708,946	220	86	88	103	63	101	102	83	78	90	90	45	710,096
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(319,904)	(4,291)	(1,678)	(1,722)	(2,003)	(1,228)	(1,979)	(1,996)	(1,617)	(1,529)	(1,750)	(1,766)	(882)	(342,344)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	92,795	1,349	527	541	629	386	622	627	508	480	550	555	277	99,847
914: Pension and Benefits	329,003	4,125	1,613	1,655	1,925	1,180	1,902	1,918	1,554	1,469	1,683	1,697	848	350,572
915: Injuries and Damages	95,975	1,782	697	715	832	510	822	829	672	635	727	733	366	105,294
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	90,369	3,687	1,442	1,479	1,721	1,055	1,700	1,715	1,389	1,313	1,504	1,517	758	109,649
922: Minor Material Load	90,218	-	-	-	-	-	-	-	-	-	-	-	-	90,218
925: E&S Loads	516,996	7,141	2,792	2,865	3,332	2,043	3,293	3,321	2,691	2,544	2,913	2,938	1,468	554,336
926: A&G Loads	203,028	2,386	933	957	1,113	682	1,100	1,109	899	850	973	982	491	215,502
928: AFUDC Debt	11	-	-	-	-	-	-	-	-	-	-	-	-	11
929: AFUDC Equity	15	-	-	-	-	-	-	-	-	-	-	-	-	15
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,100,307)	(15,332)	(16,425)	(17,463)	(18,867)	(18,748)	(19,956)	(21,049)	(21,349)	(21,459)	(21,943)	(22,395)	(109,792)	(4,425,085)
825: Closing Cost of Removal	(783,621)	(2,211)	(2,345)	(2,474)	(2,654)	(2,628)	(2,785)	(2,926)	(2,960)	(2,969)	(3,030)	(3,087)	(15,123)	(828,815)
Project Net	75,176	53,475	8,999	8,553	11,619	(1,060)	10,006	9,051	2,452	868	3,995	3,740	(110,313)	76,561

Project No: 15100707 Distr. System Improvements

Company: 001 Electric Services
Location: 151 Alamogordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include but not limited to new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisitions (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. The project also improves system reliability by adding equipment and components, which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	15100707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	942,484	4,088	4,127	3,626	4,583	4,316	3,052	966,276
120: Overtime-General	147,967	63	64	56	71	67	47	148,333
350: Material Issues-Major	1,109,896	8,529	8,611	7,566	9,561	9,006	6,367	1,159,536
370: Outside Services	795,048	80	80	71	89	84	59	795,512
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	585,140	34	34	30	38	36	25	585,337
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(112,484)	(1,017)	(1,027)	(902)	(1,140)	(1,074)	(759)	(118,405)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	78,975	314	317	279	352	332	235	80,804
914: Pension and Benefits	288,009	893	902	792	1,001	943	667	293,208
915: Injuries and Damages	77,773	355	359	315	398	375	265	79,841
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	73,285	2,287	2,309	2,029	2,564	2,415	1,707	86,596
922: Minor Material Load	112,586	-	-	-	-	-	-	112,586
925: E&S Loads	478,409	1,794	1,812	1,592	2,012	1,895	1,340	488,854
926: A&G Loads	228,725	507	512	449	568	535	378	231,673
928: AFUDC Debt	40,967	237	230	223	219	216	210	42,302
929: AFUDC Equity	57,610	568	553	536	525	519	504	60,814
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,134,485)	(21,221)	(20,680)	(19,969)	(19,784)	(19,497)	(18,656)	(4,254,290)
825: Closing Cost of Removal	(585,728)	(3,125)	(3,011)	(2,879)	(2,823)	(2,756)	(2,618)	(602,940)
Project Net	184,177	(5,615)	(4,807)	(6,184)	(1,766)	(2,589)	(7,178)	156,038

Project No:	15100707 Distr. System Improvements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	966,276	11,697	2,869	2,985	4,053	4,520	3,951	4,190	4,231	3,717	4,697	4,424	3,128	1,020,738
120: Overtime-General	148,333	180	44	46	62	70	61	65	65	57	72	68	48	149,173
350: Material Issues-Major	1,159,536	24,168	5,927	6,166	8,373	9,340	8,163	8,657	8,741	7,680	9,705	9,141	6,463	1,272,059
370: Outside Services	795,512	226	55	58	78	87	76	81	82	72	91	85	60	796,562
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	585,337	96	23	24	33	37	32	34	35	30	38	36	26	585,782
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(118,405)	(2,883)	(707)	(736)	(999)	(1,114)	(974)	(1,033)	(1,043)	(916)	(1,158)	(1,090)	(771)	(131,827)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	80,804	894	219	228	310	346	302	320	323	284	359	338	239	84,968
914: Pension and Benefits	293,208	2,735	671	698	948	1,057	924	980	989	869	1,098	1,035	731	305,944
915: Injuries and Damages	79,841	1,182	290	302	409	457	399	423	427	376	475	447	316	85,343
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	86,596	6,851	1,680	1,748	2,373	2,647	2,314	2,454	2,478	2,177	2,751	2,591	1,832	118,492
922: Minor Material Load	112,586	-	-	-	-	-	-	-	-	-	-	-	-	112,586
925: E&S Loads	488,854	4,736	1,161	1,208	1,641	1,830	1,600	1,696	1,713	1,505	1,902	1,791	1,266	510,902
926: A&G Loads	231,673	1,306	320	333	452	505	441	468	472	415	524	494	349	237,752
928: AFUDC Debt	42,302	338	353	335	323	319	314	309	306	301	299	299	293	46,093
929: AFUDC Equity	60,814	431	450	427	412	407	401	395	390	384	381	382	374	65,650
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,254,290)	(21,915)	(20,707)	(19,693)	(19,291)	(19,152)	(18,765)	(18,534)	(18,349)	(17,947)	(18,045)	(18,006)	(17,371)	(4,482,065)
825: Closing Cost of Removal	(602,940)	(3,041)	(2,857)	(2,702)	(2,633)	(2,602)	(2,539)	(2,498)	(2,465)	(2,404)	(2,411)	(2,401)	(2,310)	(633,803)
Project Net	156,038	27,001	(10,208)	(8,573)	(3,455)	(1,247)	(3,298)	(1,993)	(1,605)	(3,399)	779	(365)	(5,325)	144,348

Project No:	15100707 Distr. System Improvements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,020,738	11,990	2,940	3,059	4,154	4,633	4,050	4,295	4,336	3,810	4,815	4,535	3,206	1,076,562
120: Overtime-General	149,173	185	45	47	64	71	62	66	67	59	74	70	49	150,034
350: Material Issues-Major	1,272,059	24,530	6,016	6,259	8,499	9,480	8,286	8,787	8,872	7,795	9,850	9,278	6,560	1,386,269
370: Outside Services	796,562	229	56	58	79	88	77	82	83	73	92	87	61	797,628
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	585,782	97	24	25	34	38	33	35	35	31	39	37	26	586,235
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(131,827)	(2,926)	(718)	(747)	(1,014)	(1,131)	(988)	(1,048)	(1,058)	(930)	(1,175)	(1,107)	(782)	(145,449)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	84,968	917	225	234	318	354	310	328	332	291	368	347	245	89,236
914: Pension and Benefits	305,944	2,804	688	715	971	1,084	947	1,004	1,014	891	1,126	1,060	750	318,998
915: Injuries and Damages	85,343	1,211	297	309	420	468	409	434	438	385	486	458	324	90,983
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	118,492	6,953	1,705	1,774	2,409	2,687	2,349	2,491	2,515	2,210	2,792	2,630	1,859	150,866
922: Minor Material Load	112,586	-	-	-	-	-	-	-	-	-	-	-	-	112,586
925: E&S Loads	510,902	4,826	1,183	1,231	1,672	1,865	1,630	1,729	1,745	1,533	1,938	1,825	1,290	533,370
926: A&G Loads	237,752	1,611	395	411	558	623	544	577	583	512	647	609	431	245,252
928: AFUDC Debt	46,093	270	286	272	264	262	260	257	256	252	251	253	248	49,225
929: AFUDC Equity	65,650	469	495	472	458	455	451	446	443	437	436	438	430	71,079
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,482,065)	(20,911)	(19,853)	(18,973)	(18,701)	(18,682)	(18,396)	(18,256)	(18,151)	(17,815)	(17,983)	(18,002)	(17,403)	(4,705,192)
825: Closing Cost of Removal	(633,803)	(2,787)	(2,638)	(2,514)	(2,474)	(2,469)	(2,428)	(2,407)	(2,391)	(2,344)	(2,366)	(2,367)	(2,285)	(663,273)
Project Net	144,348	29,467	(8,854)	(7,366)	(2,289)	(173)	(2,403)	(1,180)	(883)	(2,810)	1,391	151	(4,991)	144,409

Project No: 15100807 Services

Company: 001 Electric Services
Location: 151 Alamagordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project covers the expenses for the installation, connection, and in the case of service retirement, disconnection and removal, of PNM customer access or "services" in Otero County. Services include overhead and underground conductors connecting the PNM distribution system to the customer. Materials to be purchased include overhead and underground service wires and associated connecting or terminating equipment.

Project Need Justification
PNM is obligated to serve customers within its service territory. PNM and the customers' service cost responsibilities are defined within PNM's Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210. This project covers the expenses associated with labor, materials, outside services (contractors), and transportation required for PNM to meet its obligation to serve customers by either connecting or disconnecting electrical service to customer facilities.

Project Alternatives
As PNM is obligated to serve customers in its territory there are few alternatives to this project. However, if a customer prefers a more expensive connection to PNM's distribution network (e.g., if a residential customer in an area served by overhead lines prefers an underground service) the customer must provide the service wires per PNM rules and is response for covering a portion of the increased costs.

Project Estimate Approach
Since the amount, length, and types of services to be installed each year is unknown at the time of budget preparation, the budget is estimated by applying escalation factors to historical spend for similar activities. The initial budget for this project was developed by cost escalation factors to the most recent 12-month actual spend. An adjustment was made to the actual spend to account for expected cost increases for a planned change in the installation practice for residential underground services from direct buried wired to installation of service wire in conduit. Labor and non-labor cost components are escalated using customary annual expected cost increase percentages supplied by PNM Budget.

Customer Benefit
This project provides funding for customers services and connections enabling power delivery to customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Enables PNM's compliance with Rules and Regulations, specifically Rules 15, 16, and 18 with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15100807 Services							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,230,556	5,842	5,894	6,159	6,161	6,294	6,095	1,267,000
120: Overtime-General	35,865	136	137	144	144	147	142	36,715
350: Material Issues-Major	446,630	2,091	2,109	2,204	2,205	2,252	2,181	459,674
370: Outside Services	505,910	3,334	3,364	3,515	3,516	3,592	3,478	526,710
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	851,752	-	-	-	-	-	-	851,752
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	94,487	453	457	477	477	488	472	97,310
914: Pension and Benefits	329,714	1,287	1,298	1,356	1,357	1,386	1,342	337,740
915: Injuries and Damages	93,109	512	516	540	540	551	534	96,301
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	15,972	561	566	591	591	604	585	19,470
922: Minor Material Load	12,711	-	-	-	-	-	-	12,711
925: E&S Loads	383,720	1,707	1,722	1,799	1,800	1,839	1,781	394,367
926: A&G Loads	143,043	452	456	476	476	486	471	145,860
928: AFUDC Debt	9,067	-	-	-	-	-	-	9,067
929: AFUDC Equity	1,520	-	-	-	-	-	-	1,520
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(3,435,766)	(26,108)	(24,373)	(22,995)	(21,825)	(20,880)	(20,002)	(3,571,949)
825: Closing Cost of Removal	(532,260)	(4,252)	(3,912)	(3,636)	(3,401)	(3,208)	(3,035)	(553,704)
Project Net	186,031	(13,988)	(11,766)	(9,369)	(7,959)	(6,450)	(5,956)	130,544

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,267,000	14,232	5,473	5,953	6,312	6,220	6,194	5,988	6,041	6,313	6,315	6,451	6,247	1,348,740
120: Overtime-General	36,715	332	128	139	147	145	144	140	141	147	147	150	146	38,621
350: Material Issues-Major	459,674	5,044	1,940	2,110	2,237	2,204	2,195	2,122	2,141	2,237	2,238	2,286	2,214	488,642
370: Outside Services	526,710	8,044	3,093	3,364	3,568	3,515	3,500	3,384	3,414	3,568	3,569	3,646	3,531	572,907
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	851,752	-	-	-	-	-	-	-	-	-	-	-	-	851,752
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	97,310	1,097	422	459	486	479	477	461	466	486	487	497	481	103,609
914: Pension and Benefits	337,740	3,354	1,290	1,403	1,488	1,466	1,460	1,411	1,424	1,488	1,488	1,520	1,472	357,003
915: Injuries and Damages	96,301	1,449	557	606	643	633	631	610	615	643	643	657	636	104,624
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	19,470	1,430	550	598	634	625	622	602	607	634	634	648	628	27,681
922: Minor Material Load	12,711	-	-	-	-	-	-	-	-	-	-	-	-	12,711
925: E&S Loads	394,367	3,858	1,484	1,614	1,711	1,686	1,679	1,623	1,638	1,711	1,712	1,749	1,694	416,528
926: A&G Loads	145,860	993	382	415	440	434	432	418	421	440	440	450	436	151,561
928: AFUDC Debt	9,067	-	-	-	-	-	-	-	-	-	-	-	-	9,067
929: AFUDC Equity	1,520	-	-	-	-	-	-	-	-	-	-	-	-	1,520
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,571,949)	(22,260)	(20,943)	(20,001)	(19,333)	(18,731)	(18,209)	(17,690)	(17,268)	(17,010)	(16,792)	(16,656)	(16,466)	(3,793,309)
825: Closing Cost of Removal	(553,704)	(3,296)	(3,078)	(2,916)	(2,797)	(2,690)	(2,599)	(2,511)	(2,438)	(2,391)	(2,350)	(2,323)	(2,289)	(585,382)
Project Net	130,544	14,276	(8,702)	(6,256)	(4,462)	(4,013)	(3,474)	(3,442)	(2,799)	(1,733)	(1,467)	(925)	(1,271)	106,276

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,348,740	14,588	5,610	6,102	6,470	6,376	6,348	6,138	6,192	6,471	6,473	6,612	6,403	1,432,524
120: Overtime-General	38,621	340	131	142	151	149	148	143	144	151	151	154	149	40,575
350: Material Issues-Major	488,642	5,120	1,969	2,141	2,271	2,237	2,228	2,154	2,173	2,271	2,272	2,320	2,247	518,045
370: Outside Services	572,907	8,164	3,140	3,415	3,621	3,568	3,553	3,435	3,466	3,621	3,623	3,700	3,584	619,796
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	851,752	-	-	-	-	-	-	-	-	-	-	-	-	851,752
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	103,609	1,124	432	470	499	491	489	473	477	499	499	510	493	110,065
914: Pension and Benefits	357,003	3,438	1,322	1,438	1,525	1,503	1,496	1,446	1,459	1,525	1,526	1,558	1,509	376,749
915: Injuries and Damages	104,624	1,485	571	621	659	649	646	625	631	659	659	673	652	113,155
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	27,681	1,451	558	607	644	634	632	611	616	644	644	658	637	36,016
922: Minor Material Load	12,711	-	-	-	-	-	-	-	-	-	-	-	-	12,711
925: E&S Loads	416,528	3,940	1,515	1,648	1,747	1,722	1,715	1,658	1,672	1,748	1,748	1,786	1,729	439,155
926: A&G Loads	151,561	1,227	472	513	544	536	534	516	521	544	545	556	539	158,609
928: AFUDC Debt	9,067	-	-	-	-	-	-	-	-	-	-	-	-	9,067
929: AFUDC Equity	1,520	-	-	-	-	-	-	-	-	-	-	-	-	1,520
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,793,309)	(19,392)	(18,558)	(18,031)	(17,720)	(17,420)	(17,155)	(16,852)	(16,615)	(16,516)	(16,433)	(16,414)	(16,320)	(4,000,734)
825: Closing Cost of Removal	(585,382)	(2,681)	(2,562)	(2,486)	(2,439)	(2,395)	(2,356)	(2,312)	(2,278)	(2,262)	(2,249)	(2,246)	(2,232)	(613,879)
Project Net	106,276	18,805	(5,400)	(3,419)	(2,028)	(1,950)	(1,722)	(1,966)	(1,540)	(646)	(544)	(131)	(609)	105,126

Project No: 15100907 Transformers
Company: 001 Electric Services
Location: 151 Alamagordo Services Dist

Project Information County % Otero 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
 This project involves the purchase and installation of distribution transformers that manage voltage levels within usual and customary ranges usable by customers. Usual and customary voltages range between 120 volts for some residential customers up to 13,800 volts for some commercial or industrial customers.

Project Need Justification
 PNM is obligated to provide service to new and existing customers as load grows. New or increased load may impact voltages on the existing distribution system, and when it does, PNM is obligated to maintain equitable service to existing customers whose electrical service may be impacted by the new or increased load. This project enables PNM to meet its obligation by purchasing transformers necessary to service new and existing customers to meet load and prevent failure caused by new or increased load on the distribution system.

Project Alternatives
 This project is necessary to meet new or growing customer needs. Consideration will be given to deciding between serving new customers from existing transformers or installing new transformers to meet voltage and load demands. Outside of these parameters, there are no other alternatives.

Project Estimate Approach
 The specific work items for this project will not be known until customer requests for new or upgraded service are received during the budget year. As a result, expense forecasts are developed from historical activity regarding costs of transformers coupled with labor costs for installation or exchange of transformers. The initial budget for this project was developed by applying labor and non-labor cost escalation factors based on the most recent 12-month actual spend.

Customer Benefit
 Customers benefit either by providing new or increased electricity service, or by maintenance of usual an customary voltages for existing customers near new load.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance This project ensures PNM's continued compliance with Rule 15 of the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15100907 Transformers							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	249,594	2,021	2,270	1,891	2,291	2,779	3,348	264,194
120: Overtime-General	43,239	604	679	565	685	831	1,001	47,603
350: Material Issues-Major	3,070,133	17,673	19,853	16,539	20,036	24,302	29,281	3,197,817
370: Outside Services	88,607	2,049	2,301	1,917	2,323	2,817	3,395	103,409
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	223,071	16	18	15	18	22	26	223,185
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(21,001)	-	-	-	-	-	-	(21,001)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,064	199	223	186	225	273	329	23,499
914: Pension and Benefits	74,232	565	635	529	640	777	936	78,313
915: Injuries and Damages	21,747	225	252	210	255	309	372	23,371
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	67,027	4,739	5,323	4,435	5,373	6,516	7,852	101,265
922: Minor Material Load	8,627	-	-	-	-	-	-	8,627
925: E&S Loads	516,905	2,919	3,279	2,732	3,309	4,014	4,836	537,993
926: A&G Loads	225,020	886	995	829	1,004	1,218	1,467	231,418
928: AFUDC Debt	55	-	-	-	-	-	-	55
929: AFUDC Equity	78	-	-	-	-	-	-	78
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,414,325)	(27,999)	(29,516)	(28,119)	(29,710)	(33,530)	(39,108)	(4,602,308)
825: Closing Cost of Removal	(95,178)	(20,070)	(13,289)	(9,115)	(7,061)	(6,288)	(6,311)	(157,311)
Project Net	79,895	(16,176)	(6,978)	(7,386)	(612)	4,038	7,424	60,207

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	264,194	4,234	1,472	1,688	1,628	1,849	2,161	2,071	2,327	1,939	2,348	2,848	3,432	292,191
120: Overtime-General	47,603	1,265	440	504	487	553	646	619	695	579	702	851	1,026	55,971
350: Material Issues-Major	3,197,817	36,663	12,746	14,616	14,100	16,013	18,717	17,938	20,150	16,787	20,337	24,666	29,721	3,440,270
370: Outside Services	103,409	4,250	1,478	1,694	1,635	1,856	2,170	2,079	2,336	1,946	2,358	2,860	3,445	131,516
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	223,185	33	11	13	13	14	17	16	18	15	18	22	26	223,400
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(21,001)	-	-	-	-	-	-	-	-	-	-	-	-	(21,001)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,499	414	144	165	159	181	211	203	228	190	230	279	336	26,238
914: Pension and Benefits	78,313	1,266	440	505	487	553	647	620	696	580	702	852	1,027	86,688
915: Injuries and Damages	23,371	547	190	218	210	239	279	268	301	251	304	368	444	26,989
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	101,265	10,392	3,613	4,143	3,997	4,539	5,305	5,085	5,712	4,759	5,765	6,992	8,425	169,991
922: Minor Material Load	8,627	-	-	-	-	-	-	-	-	-	-	-	-	8,627
925: E&S Loads	537,993	5,597	1,946	2,231	2,153	2,445	2,857	2,739	3,076	2,563	3,105	3,766	4,537	575,008
926: A&G Loads	231,418	1,667	580	665	641	728	851	816	916	763	925	1,122	1,352	242,445
928: AFUDC Debt	55	-	-	-	-	-	-	-	-	-	-	-	-	55
929: AFUDC Equity	78	-	-	-	-	-	-	-	-	-	-	-	-	78
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,602,308)	(47,391)	(35,738)	(30,377)	(26,968)	(26,334)	(27,824)	(28,139)	(29,834)	(28,498)	(30,166)	(34,081)	(39,773)	(4,987,430)
825: Closing Cost of Removal	(157,311)	(7,020)	(5,191)	(4,323)	(3,781)	(3,650)	(3,828)	(3,856)	(4,079)	(3,892)	(4,117)	(4,649)	(5,425)	(211,123)
Project Net	60,207	11,919	(17,870)	(8,258)	(5,238)	(1,013)	2,210	457	2,542	(2,019)	2,510	5,895	8,572	59,913

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	292,191	4,339	1,509	1,730	1,669	1,895	2,215	2,123	2,385	1,987	2,407	2,920	3,518	320,888
120: Overtime-General	55,971	1,297	451	517	499	567	662	635	713	594	719	873	1,051	64,548
350: Material Issues-Major	3,440,270	37,212	12,937	14,835	14,312	16,253	18,997	18,207	20,453	17,039	20,642	25,036	30,166	3,686,360
370: Outside Services	131,516	4,314	1,500	1,720	1,659	1,884	2,202	2,111	2,371	1,975	2,393	2,902	3,497	160,045
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	223,400	33	11	13	13	14	17	16	18	15	18	22	27	223,619
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(21,001)	-	-	-	-	-	-	-	-	-	-	-	-	(21,001)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	26,238	424	148	169	163	185	217	208	233	194	235	286	344	29,045
914: Pension and Benefits	86,688	1,298	451	517	499	567	663	635	713	594	720	873	1,052	95,273
915: Injuries and Damages	26,989	561	195	224	216	245	286	274	308	257	311	377	455	30,698
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	169,991	10,548	3,667	4,205	4,057	4,607	5,385	5,161	5,798	4,830	5,851	7,097	8,551	239,748
922: Minor Material Load	8,627	-	-	-	-	-	-	-	-	-	-	-	-	8,627
925: E&S Loads	575,008	5,690	1,978	2,268	2,188	2,485	2,905	2,784	3,127	2,605	3,156	3,828	4,613	612,637
926: A&G Loads	242,445	2,053	714	818	790	897	1,048	1,004	1,128	940	1,139	1,381	1,664	256,021
928: AFUDC Debt	55	-	-	-	-	-	-	-	-	-	-	-	-	55
929: AFUDC Equity	78	-	-	-	-	-	-	-	-	-	-	-	-	78
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,987,430)	(48,315)	(36,455)	(31,003)	(27,534)	(26,895)	(28,422)	(28,747)	(30,481)	(29,116)	(30,821)	(34,821)	(40,637)	(5,380,678)
825: Closing Cost of Removal	(211,123)	(6,589)	(4,972)	(4,228)	(3,755)	(3,668)	(3,876)	(3,920)	(4,156)	(3,970)	(4,203)	(4,748)	(5,541)	(264,749)
Project Net	59,913	12,867	(17,865)	(8,213)	(5,225)	(962)	2,300	490	2,611	(2,055)	2,569	6,025	8,760	61,213

Project No: 15101007 Meter Equipment

Company: 001 Electric Services
Location: 151 Alamogordo Services Dist

Project Information County % Otero 100%

Estimated Start Date 6/1/2007

Estimated Completion Date 12/31/2027

Description 100%
This project covers metering equipment purchases for new service, interconnections, maintenance, routine replacement, meter retirement, and instrument transformers. Labor costs are included with new service, interconnection, and instrument transformer work.

Project Need Justification
This project is necessary to meet requirements listed under the New Mexico Public Regulatory Commission (NMPRC) rules 17.9.560.14, 17.9.570 and the Superseding Application and Stipulation of Case 2124. This project ensures that PNM accurately monitors energy consumption to provide customers with timely and accurate bills.

Project Alternatives
In order to meet PNM's obligation to its customers and to maintain system reliability there is no alternative to purchasing metering equipment.

Project Estimate Approach
Historical spend was analyzed in this funding project to develop this project's estimated future spend. This blanket's project spend forecast is prepared using the prior 12-month actual spend and adding projected meter purchases. Projected Meter Credits are added quarterly. Labor is increased for estimated yearly raises, and non-labor is increased to accommodate yearly inflation.

Customer Benefit
PNM customers benefit from this project through ongoing and accurate monitoring of energy consumption and timely and accurate bills.

Primary Value Driver Compliance

Safety Single and three phase solid state meters are used as necessary with remote communication capabilities in addition to current and voltage transformers used to provide safe and accurate monitoring of higher voltage loads. Test switches are installed that can interrupt the flow of current to safely allow testing of equipment on site, and wire, lugs and nuts will be provided to securely connect transformer equipment to metering equipment.

Reliability Metering equipment is utilized to monitor loads at the distribution and transmission levels.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 17, Metering, as filed with the NMPRC and in accordance with NMPRC rules 17.9.560.14 (regarding inspection and tests) , 17.9.570 (relating the governance of cogeneration and small power production) and the Superseding Application and Stipulation of Case 2124.

Environmental

Project No:	15101007 Meter Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	73,311	-	-	-	-	-	-	73,311
120: Overtime-General	470	-	-	-	-	-	-	470
350: Material Issues-Major	978,720	7,367	6,609	8,533	5,841	5,467	10,759	1,023,296
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	25,944	-	-	-	-	-	-	25,944
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,480	-	-	-	-	-	-	5,480
914: Pension and Benefits	19,687	-	-	-	-	-	-	19,687
915: Injuries and Damages	5,246	-	-	-	-	-	-	5,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	21,401	1,975	1,772	2,288	1,566	1,466	2,885	33,354
922: Minor Material Load	9,467	-	-	-	-	-	-	9,467
925: E&S Loads	152,589	921	826	1,067	730	683	1,345	158,161
926: A&G Loads	67,555	292	262	338	231	216	426	69,320
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,243,401)	(11,187)	(10,245)	(10,414)	(9,408)	(8,578)	(10,224)	(1,303,456)
825: Closing Cost of Removal	(91,860)	(418)	(655)	(923)	(950)	(947)	(1,245)	(96,997)
Project Net	24,610	(1,050)	(1,430)	888	(1,989)	(1,692)	3,947	23,284

Project No:	15101007 Meter Equipment													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	73,311	-	-	-	-	-	-	-	-	-	-	-	-	73,311
120: Overtime-General	470	-	-	-	-	-	-	-	-	-	-	-	-	470
350: Material Issues-Major	1,023,296	14,835	4,022	11,151	3,717	6,107	10,419	7,478	6,708	8,661	5,929	5,549	10,921	1,118,792
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	25,944	-	-	-	-	-	-	-	-	-	-	-	-	25,944
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,480	-	-	-	-	-	-	-	-	-	-	-	-	5,480
914: Pension and Benefits	19,687	-	-	-	-	-	-	-	-	-	-	-	-	19,687
915: Injuries and Damages	5,246	-	-	-	-	-	-	-	-	-	-	-	-	5,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	33,354	4,205	1,140	3,161	1,054	1,731	2,953	2,120	1,902	2,455	1,681	1,573	3,096	60,423
922: Minor Material Load	9,467	-	-	-	-	-	-	-	-	-	-	-	-	9,467
925: E&S Loads	158,161	1,706	463	1,282	427	702	1,198	860	771	996	682	638	1,256	169,143
926: A&G Loads	69,320	533	144	400	133	219	374	268	241	311	213	199	392	72,749
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,303,456)	(13,029)	(10,405)	(11,616)	(9,331)	(8,796)	(10,233)	(9,971)	(9,475)	(9,956)	(9,140)	(8,435)	(10,200)	(1,424,042)
825: Closing Cost of Removal	(96,997)	(1,677)	(1,352)	(1,539)	(1,242)	(1,179)	(1,382)	(1,351)	(1,286)	(1,354)	(1,244)	(1,148)	(1,390)	(113,139)
Project Net	23,284	6,573	(5,987)	2,839	(5,242)	(1,215)	3,329	(596)	(1,138)	1,113	(1,880)	(1,624)	4,074	23,531

Project No:	15101007 Meter Equipment													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	73,311	-	-	-	-	-	-	-	-	-	-	-	-	73,311
120: Overtime-General	470	-	-	-	-	-	-	-	-	-	-	-	-	470
350: Material Issues-Major	1,118,792	15,058	4,083	11,318	3,773	6,199	10,575	7,590	6,809	8,791	6,017	5,632	11,085	1,215,720
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	25,944	-	-	-	-	-	-	-	-	-	-	-	-	25,944
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,480	-	-	-	-	-	-	-	-	-	-	-	-	5,480
914: Pension and Benefits	19,687	-	-	-	-	-	-	-	-	-	-	-	-	19,687
915: Injuries and Damages	5,246	-	-	-	-	-	-	-	-	-	-	-	-	5,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	60,423	4,268	1,157	3,208	1,069	1,757	2,998	2,151	1,930	2,492	1,706	1,596	3,142	87,898
922: Minor Material Load	9,467	-	-	-	-	-	-	-	-	-	-	-	-	9,467
925: E&S Loads	169,143	1,732	470	1,302	434	713	1,216	873	783	1,011	692	648	1,275	180,290
926: A&G Loads	72,749	655	178	492	164	270	460	330	296	382	262	245	482	76,965
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,424,042)	(13,140)	(10,513)	(11,783)	(9,475)	(8,944)	(10,420)	(10,160)	(9,658)	(10,152)	(9,322)	(8,604)	(10,406)	(1,546,619)
825: Closing Cost of Removal	(113,139)	(1,791)	(1,433)	(1,606)	(1,292)	(1,219)	(1,421)	(1,385)	(1,317)	(1,384)	(1,271)	(1,173)	(1,419)	(129,852)
Project Net	23,531	6,782	(6,059)	2,930	(5,326)	(1,225)	3,407	(601)	(1,157)	1,139	(1,916)	(1,656)	4,158	24,009

Project No: 15101807 Alamogordo Pure Project

Company: 001 Electric Services
Location: 151 Alamogordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 12/5/2013

Estimated Completion Date 12/31/2027

Description

This project involves the replacement of damaged or obsolete equipment in PNM's distribution system. The specific equipment to be replaced may include lightning arrestors, cross-arms, cut-outs, capacitors, and insulators. Specific equipment identified to be repaired or replaced is identified during routine inspections, line patrols, as well as inspections when responding to outages.

The project includes costs for internal labor, equipment, materials, transportation, and contractors if they are needed.

Project Need Justification

Replacing damaged or obsolete equipment in the distribution system ensures that PNM maintains reliable service while reducing hazardous conditions, which improves safety for PNM personnel, customers, and the public. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines the requirements for following electrical and safety standards (National Electric Safety Code), minimizing interruption of service, and protective safety measures.

Project Alternatives

The only alternative to this project would be to do nothing. This option was not selected as this project is necessary to ensure system reliability and minimize hazardous risks to PNM personnel, customers, and the public.

Project Estimate Approach

PNM maintains detailed historical records of equipment replacement activities. These records allow PNM to estimate typical future annual replacement projections and needs. This project estimate is established by analyzing the most recent 12-month actual spend to estimate costs for the forecast period.

Customer Benefit

Replacing damaged and obsolete equipment increases reliability of PNM's distribution system while also improving safety conditions for PNM employees, customers, and the public.

Primary Value Driver Reliability

Safety Replacing damaged or obsolete distribution components reduces PNM employee, customer, and public exposure to possible hazards and increases the overall safety of the distribution system.

Reliability Replacing damaged or obsolete distribution components reduces outages and increase overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	15101807 Alamorgordo Pure Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	580,139	1,666	1,666	1,666	1,666	1,666	1,666	590,133
120: Overtime-General	49,258	-	-	-	-	-	-	49,258
350: Material Issues-Major	173,567	1,999	3,331	666	3,331	2,998	2,332	188,224
370: Outside Services	978,043	29,980	26,649	16,656	33,312	19,987	16,656	1,121,283
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	557,321	-	-	-	-	-	-	557,321
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	47,927	126	126	126	126	126	126	48,684
914: Pension and Benefits	154,326	358	358	358	358	358	358	156,477
915: Injuries and Damages	46,724	143	143	143	143	143	143	47,580
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	22,473	536	893	179	893	804	625	26,403
922: Minor Material Load	26,396	-	-	-	-	-	-	26,396
925: E&S Loads	263,926	4,284	4,034	2,452	4,867	3,160	2,660	285,383
926: A&G Loads	111,691	1,332	1,253	752	1,517	976	818	118,339
928: AFUDC Debt	18,845	-	-	-	-	-	-	18,845
929: AFUDC Equity	42,108	-	-	-	-	-	-	42,108
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,529,680)	(98,812)	-	-	(154,844)	-	(70,112)	(2,853,447)
825: Closing Cost of Removal	(371,904)	(6,981)	-	-	(15,920)	-	(8,522)	(403,327)
Project Net	171,161	(65,369)	38,454	22,997	(124,552)	30,217	(53,250)	19,658

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	590,133	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	610,519
120: Overtime-General	49,258	340	340	340	340	340	340	340	340	340	340	340	340	50,956
350: Material Issues-Major	188,224	340	6,796	3,398	6,796	3,398	3,398	2,039	3,398	680	3,398	3,058	2,378	227,298
370: Outside Services	1,121,283	10,193	30,580	30,580	30,580	54,364	30,580	30,580	27,182	16,989	33,978	20,387	16,989	1,454,265
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	557,321	629	340	340	340	340	-	-	-	-	-	-	-	559,309
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	48,684	154	154	154	154	154	128	128	128	128	128	128	128	50,347
914: Pension and Benefits	156,477	470	470	470	470	470	391	391	391	391	391	391	391	161,563
915: Injuries and Damages	47,580	203	203	203	203	203	169	169	169	169	169	169	169	49,777
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	26,403	96	1,926	963	1,926	963	963	578	963	193	963	867	674	37,479
922: Minor Material Load	26,396	-	-	-	-	-	-	-	-	-	-	-	-	26,396
925: E&S Loads	285,383	1,613	4,667	4,276	4,667	7,011	4,182	4,026	3,791	2,306	4,573	2,971	2,502	331,966
926: A&G Loads	118,339	474	1,427	1,305	1,427	2,159	1,281	1,232	1,159	695	1,403	903	756	132,560
928: AFUDC Debt	18,845	-	-	-	-	-	-	-	-	-	-	-	-	18,845
929: AFUDC Equity	42,108	-	-	-	-	-	-	-	-	-	-	-	-	42,108
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,853,447)	(6,358)	(13,640)	(18,608)	(23,440)	(31,266)	(32,544)	(33,223)	(33,421)	(30,829)	(32,883)	(31,687)	(119,481)	(3,260,828)
825: Closing Cost of Removal	(403,327)	(815)	(1,818)	(2,504)	(3,170)	(4,242)	(4,421)	(4,517)	(4,547)	(4,195)	(4,477)	(4,315)	(16,275)	(458,623)
Project Net	19,658	9,036	33,141	22,614	21,990	35,592	5,826	3,101	912	(11,774)	9,342	(5,430)	(110,069)	33,939

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	610,519	1,729	1,729	1,729	1,729	1,729	1,729	1,729	1,729	1,729	1,729	1,729	1,729	631,271
120: Overtime-General	50,956	346	346	346	346	346	346	-	-	-	-	-	-	52,686
350: Material Issues-Major	227,298	346	6,917	3,459	6,917	3,459	3,459	2,075	3,459	692	3,459	3,113	2,421	267,071
370: Outside Services	1,454,265	10,376	31,127	31,127	31,127	55,336	31,127	31,127	27,668	17,293	34,585	20,751	17,293	1,793,200
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	559,309	640	346	346	346	346	-	-	-	-	-	-	-	561,332
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	50,347	156	156	156	156	156	130	130	130	130	130	130	130	52,040
914: Pension and Benefits	161,563	478	478	478	478	478	398	398	398	398	398	398	398	166,740
915: Injuries and Damages	49,777	206	206	206	206	206	172	172	172	172	172	172	172	52,014
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	37,479	98	1,961	980	1,961	980	980	588	980	196	980	882	686	48,753
922: Minor Material Load	26,396	-	-	-	-	-	-	-	-	-	-	-	-	26,396
925: E&S Loads	331,966	1,642	4,750	4,352	4,750	7,136	4,257	4,098	3,859	2,348	4,654	3,024	2,546	379,383
926: A&G Loads	132,560	584	1,760	1,610	1,760	2,663	1,580	1,520	1,429	858	1,730	1,113	933	150,100
928: AFUDC Debt	18,845	-	-	-	-	-	-	-	-	-	-	-	-	18,845
929: AFUDC Equity	42,108	-	-	-	-	-	-	-	-	-	-	-	-	42,108
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,260,828)	(8,896)	(15,877)	(20,585)	(25,228)	(33,002)	(34,116)	(34,656)	(34,734)	(31,979)	(34,003)	(32,713)	(123,203)	(3,689,820)
825: Closing Cost of Removal	(458,623)	(1,212)	(2,164)	(2,806)	(3,440)	(4,500)	(4,652)	(4,726)	(4,736)	(4,361)	(4,637)	(4,461)	(16,800)	(517,118)
Project Net	33,939	6,493	31,735	21,398	21,108	35,334	5,064	2,455	355	(12,524)	9,199	(5,861)	(113,695)	35,001

Project No: 15102019 Tularosa 13 Ph Load Bal-Voltage Reg

Company: 001 Electric Services
Location: 151 Alamogordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 2/15/2019

Estimated Completion Date 12/31/2022

Description
This project is to address summer peak load exposure on Tularosa Feeder 13 by performing load balancing and installing two voltage regulators. The project scope includes six key activities. (1) Build a new three-phase line on Rattlesnake Rd. from pole W89B014 to pole X89A014 using steel-reinforced conductor, approximately 0.75 miles. (2) Convert the existing overhead line on Rattlesnake Rd. from pole X89A014 to pole X89A062 from single-phase to three-phase using steel-reinforced conductor. (3) Install a new 500 KVA three-phase voltage regulator bank on or near Pole X89A031. The settings should be 125V with a 3 Volt bandwidth, locked forward. (4) Convert the overhead line on Sabinat Ln. from pole X89A062 to pole X89A024 at Mountain Meadow Rd. from single-phase to three-phase using steel-reinforced conductor. (5) Move the single-phase line that runs along Mountain Meadow Rd. off pole X89A024 from B-phase to A-phase. (6) Install a new 1250 KVA three-phase voltage regulator bank on or near Pole W88B007.

Project Need Justification
The purpose of this project is to phase load balance Tularosa Feeder 13 and install voltage regulators to improve the voltage on B-phase under normal conditions. The phase load balancing and the installation of voltage regulators will maintain acceptable voltage performance for peak load conditions during a Tularosa transformer outage and subsequent transfer of the Tularosa load to Alamogordo Feeder 12-12. Currently, there is a "Do Not Restore Load" statement in the Tularosa Single Contingency Plans to avoid severe low voltage in the Tularosa area for an outage of the Tularosa transformer during peak load conditions. This project will eliminate the "Do Not Restore Load" requirement.

Project Alternatives
A do nothing alternative cannot be considered as it would result in a violation of American National Standards Institute (ANSI) C84.1 associated with voltage standards and controls.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
This project will benefit customers on Tularosa Feeder 13 by balancing load and providing reliable power during peak-load conditions.

Primary Value Driver Reliability

Safety

Reliability Balancing load and providing better voltage control will increase the reliability for customers, especially during peak-load conditions when outage risk is highest.

System Performance

Security

Compliance

Environmental

Project No:	15102019 Tularosa 13 Ph Load Bal-Voltage Reg							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	3,822	-	-	-	-	-	-	3,822
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	66,553	-	-	-	-	-	-	66,553
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	934	-	-	-	-	-	-	934
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	292	-	-	-	-	-	-	292
914: Pension and Benefits	936	-	-	-	-	-	-	936
915: Injuries and Damages	331	-	-	-	-	-	-	331
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	6,573	-	-	-	-	-	-	6,573
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	10,567	-	-	-	-	-	-	10,567
926: A&G Loads	3,295	-	-	-	-	-	-	3,295
928: AFUDC Debt	4,164	155	155	156	157	158	158	5,103
929: AFUDC Equity	12,028	371	373	375	376	378	380	14,282
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(112,688)	(112,688)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	109,496	526	528	531	533	536	(112,150)	(0)

Project No:	15102019 Tularosa 13 Ph Load Bal-Voltage Reg													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	3,822	-	-	-	-	-	-	-	-	-	-	-	-	3,822
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	66,553	-	-	-	-	-	-	-	-	-	-	-	-	66,553
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	934	-	-	-	-	-	-	-	-	-	-	-	-	934
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	292	-	-	-	-	-	-	-	-	-	-	-	-	292
914: Pension and Benefits	936	-	-	-	-	-	-	-	-	-	-	-	-	936
915: Injuries and Damages	331	-	-	-	-	-	-	-	-	-	-	-	-	331
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,573	-	-	-	-	-	-	-	-	-	-	-	-	6,573
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	10,567	-	-	-	-	-	-	-	-	-	-	-	-	10,567
926: A&G Loads	3,295	-	-	-	-	-	-	-	-	-	-	-	-	3,295
928: AFUDC Debt	5,103	-	-	-	-	-	-	-	-	-	-	-	-	5,103
929: AFUDC Equity	14,282	-	-	-	-	-	-	-	-	-	-	-	-	14,282
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(112,688)	-	-	-	-	-	-	-	-	-	-	-	-	(112,688)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	15102019 Tularosa 13 Ph Load Bal-Voltage Reg													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	3,822	-	-	-	-	-	-	-	-	-	-	-	-	3,822
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	66,553	-	-	-	-	-	-	-	-	-	-	-	-	66,553
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	934	-	-	-	-	-	-	-	-	-	-	-	-	934
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	292	-	-	-	-	-	-	-	-	-	-	-	-	292
914: Pension and Benefits	936	-	-	-	-	-	-	-	-	-	-	-	-	936
915: Injuries and Damages	331	-	-	-	-	-	-	-	-	-	-	-	-	331
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,573	-	-	-	-	-	-	-	-	-	-	-	-	6,573
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	10,567	-	-	-	-	-	-	-	-	-	-	-	-	10,567
926: A&G Loads	3,295	-	-	-	-	-	-	-	-	-	-	-	-	3,295
928: AFUDC Debt	5,103	-	-	-	-	-	-	-	-	-	-	-	-	5,103
929: AFUDC Equity	14,282	-	-	-	-	-	-	-	-	-	-	-	-	14,282
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(112,688)	-	-	-	-	-	-	-	-	-	-	-	-	(112,688)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 15130521 Alamogordo Fleet Facility

Company: 001 Electric Services
Location: 151 Alamogordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 4/15/2021

Estimated Completion Date 12/31/2023

Description

The current Alamogordo Fleet Facility is too small which limits the work the mechanics are able to perform. By providing the mechanics with a two bay garage with higher ceilings, they will be able to service larger trucks and provide more services. Below is a summary of the work to be completed:

- Build a two bay shop with sufficient height for the larger trucks, including both bays sized roughly 25' x 70' and drive-through capable, a minimum clear interior height of 25', one bay for the existing lift, one straight drive-through, a gantry/hoist above the straight drive-through bay, LED lighting throughout, a key tracer unit with 100 keys, Wi-Fi throughout, sufficient electrical to support future charging infrastructure inside the building, and a new rotary screw air compressor
- Administrative area adjacent to the bays with a basic office area, bathroom, break room, and parts room
- Dedicated room for the air compressor, insulated so the noise is contained
- Wash bay under an awning on the side of the building
- Bulk oil storage

Project Need Justification

The current shop is too small and limits the work the mechanics are able to do. By providing the mechanics with a two bay garage with higher ceilings they will be able to service larger trucks and provide more services.

Project Alternatives

In a "do nothing" scenario, mechanics would continue to work in the shared space they are currently working in. This is not safe as it is not adequate space and it is not an isolated area, so there are a lot of people in and out. The current workspace is not conducive to the size of the vehicles worked on and was never intended to be a mechanics shop. The current workspace is small, and a significant amount of work has to be performed outside opposed to inside the garage, meaning work is being done off the ground as opposed to on the lifts. The current workspace doesn't have proper fluid apparatus (oil, grease, or other lubricants) and has less than ideal containment for used oil storage.

Project Estimate Approach

The cost estimate was based on quotes from vendors during the request for proposals (RFP) process. The vendor supplied the cost of all materials (e.g., concrete, drywall, flooring, HVAC [heating, ventilation and air conditioning]), external labor, electrical work, paving, plumbing, roofing and permits.

Customer Benefit

Customers benefit because the mechanics will be able to service and repair the fleet vehicles more quickly, increasing their ability to service customer needs and respond to outages.

Primary Value Driver Reliability

Safety Improved work conditions for employee and visitors while providing a safe and efficient work environment.

Reliability The mechanics will be able to service and repair the fleet vehicles more quickly, increasing their ability to service customer needs and respond to outages.

System Performance

Security

Compliance

Environmental

Project No:	15130521 Alamogordo Fleet Facility							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	108,288	493,160	20,145	20,145	20,145	161,527	21,885	845,295
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	341	-	-	-	-	-	-	341
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	6,071	19,529	798	798	798	6,396	867	35,257
928: AFUDC Debt	1,010	497	831	861	891	1,012	1,136	6,237
929: AFUDC Equity	3,155	1,192	1,994	2,066	2,138	2,430	2,726	15,700
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	7,258	-	-	-	-	-	-	7,258
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	126,124	514,378	23,767	23,869	23,971	171,366	26,613	910,087

Project No:	15130521 Alamogordo Fleet Facility													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	845,295	28,937	405,957	405,957	358,829	405,957	453,084	594,467	392,314	392,314	345,186	400,591	265,931	5,294,818
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	341	-	-	-	-	-	-	-	-	-	-	-	-	341
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	35,257	1,039	14,574	14,574	12,882	14,574	16,266	21,341	14,084	14,084	12,392	14,381	9,547	194,995
928: AFUDC Debt	6,237	1,767	2,197	2,995	3,750	4,510	5,364	6,405	7,392	8,188	8,943	9,708	10,401	77,858
929: AFUDC Equity	15,700	2,255	2,803	3,820	4,784	5,753	6,842	8,170	9,430	10,445	11,407	12,384	13,268	107,063
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	7,258	-	-	-	-	-	-	-	-	-	-	-	-	(5,037,278) (5,030,020)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	(645,054) (645,054)
Project Net	910,087	33,998	425,531	427,346	380,246	430,793	481,556	630,383	423,220	425,031	377,928	437,066	(5,383,185)	-

Project No:	15130521 Alamogordo Fleet Facility													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	5,294,818	-	-	-	-	-	-	-	-	-	-	-	-	5,294,818
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	341	-	-	-	-	-	-	-	-	-	-	-	-	341
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	194,995	-	-	-	-	-	-	-	-	-	-	-	-	194,995
928: AFUDC Debt	77,858	-	-	-	-	-	-	-	-	-	-	-	-	77,858
929: AFUDC Equity	107,063	-	-	-	-	-	-	-	-	-	-	-	-	107,063
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,030,020)	-	-	-	-	-	-	-	-	-	-	-	-	(5,030,020)
825: Closing Cost of Removal	(645,054)	-	-	-	-	-	-	-	-	-	-	-	-	(645,054)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 15130621 Alamogordo Gym Addition

Company: 001 Electric Services
Location: 151 Alamogordo Services Dist

Project Information

County % Otero 100%

Estimated Start Date 6/12/2021

Estimated Completion Date 12/30/2022

Description
This project adding a 31 x 20 foot addition to the loading dock to relocate the existing gym to ensure there is adequate space in the gym to comply with COVID protocols for social distancing. Once completed, the gym will be large enough to accommodate nine (9) employees and will require a company badge to access. Once the gym is relocated, the space that used to house the gym will be converted to office space for employees.

Project Need Justification
The gym has to be relocated to make ensure there is adequate space for social distancing to meet COVID Protocols. The 31 x 20 addition added to the building on the dock will ensure that nine (9) employees (the capacity of the gym) can utilize the space while social distancing. The additional space will also require a Company badge to enter to ensure compliance with PNM badge access policies. The gym has seen increasing use by employees and this project is needed to ensure there is adequate space to safely workout and that the space is secure.

Project Alternatives
There was no alternative as there was no other area to relocate the gym at this location.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Exercise has been provide to improve focus and productivity, and manage stress. By having a gym on site, employees will have more convenient access to equipment to exercise which can help relieve stress and exercise to alleviate the dangers of a sedentary lifestyle.

Primary Value Driver Safety
Safety Exercise results in stronger and healthier employees. Exercise can also help reduce injuries.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	15130621 Alamogordo Gym Addition							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	77,305	-	50,000	50,000	49,000	-	-	226,305
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	244	-	-	-	-	-	-	244
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	4,638	-	1,980	1,980	1,940	-	-	10,539
928: AFUDC Debt	683	120	153	116	99	-	-	1,170
929: AFUDC Equity	2,094	288	367	278	237	-	-	3,264
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(72,399)	(57,955)	(92,580)	-	-	(222,933)
825: Closing Cost of Removal	-	-	(3,431)	(4,974)	(10,183)	-	-	(18,588)
Project Net	84,964	408	(23,330)	(10,555)	(51,487)	-	-	-

Project No:	15130621 Alamogordo Gym Addition													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	226,305	-	-	-	-	-	-	-	-	-	-	-	-	226,305
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	244	-	-	-	-	-	-	-	-	-	-	-	-	244
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	10,539	-	-	-	-	-	-	-	-	-	-	-	-	10,539
928: AFUDC Debt	1,170	-	-	-	-	-	-	-	-	-	-	-	-	1,170
929: AFUDC Equity	3,264	-	-	-	-	-	-	-	-	-	-	-	-	3,264
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(222,933)	-	-	-	-	-	-	-	-	-	-	-	-	(222,933)
825: Closing Cost of Removal	(18,588)	-	-	-	-	-	-	-	-	-	-	-	-	(18,588)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	15130621 Alamogordo Gym Addition													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	226,305	-	-	-	-	-	-	-	-	-	-	-	-	226,305
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	244	-	-	-	-	-	-	-	-	-	-	-	-	244
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	10,539	-	-	-	-	-	-	-	-	-	-	-	-	10,539
928: AFUDC Debt	1,170	-	-	-	-	-	-	-	-	-	-	-	-	1,170
929: AFUDC Equity	3,264	-	-	-	-	-	-	-	-	-	-	-	-	3,264
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(222,933)	-	-	-	-	-	-	-	-	-	-	-	-	(222,933)
825: Closing Cost of Removal	(18,588)	-	-	-	-	-	-	-	-	-	-	-	-	(18,588)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 15200107 Line Extensions - Residential

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions.

Project Alternatives
Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new home.

Primary Value Driver Compliance
Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15200107 Line Extensions - Residential							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	335,708	1,358	1,011	1,113	560	2,133	1,915	343,798
120: Overtime-General	5,107	-	-	-	-	-	-	5,107
350: Material Issues-Major	312,525	2,797	2,083	2,292	1,154	4,394	3,945	329,190
370: Outside Services	144,287	119	89	98	49	187	168	144,998
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	195,218	-	-	-	-	-	-	195,218
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(781,883)	(3,169)	(2,360)	(2,597)	(1,308)	(4,979)	(4,469)	(800,765)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	25,383	103	77	84	42	161	145	25,995
914: Pension and Benefits	91,105	292	218	239	121	459	412	92,846
915: Injuries and Damages	24,509	116	87	95	48	183	164	25,201
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	15,242	750	558	615	310	1,178	1,058	19,710
922: Minor Material Load	18,721	-	-	-	-	-	-	18,721
925: E&S Loads	114,502	598	445	490	247	940	844	118,066
926: A&G Loads	47,999	169	126	139	70	266	239	49,008
928: AFUDC Debt	22	-	-	-	-	-	-	22
929: AFUDC Equity	37	-	-	-	-	-	-	37
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(446,973)	(10,256)	(8,780)	(7,606)	(6,442)	(6,062)	(5,671)	(491,790)
825: Closing Cost of Removal	(22,702)	(4,493)	(3,735)	(3,118)	(2,585)	(2,226)	(1,921)	(40,779)
Project Net	78,805	(11,615)	(10,181)	(8,156)	(7,733)	(3,364)	(3,172)	34,584

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	343,798	2,933	1,308	1,109	2,144	1,355	1,795	1,392	1,036	1,141	574	2,187	1,963	362,735
120: Overtime-General	5,107	-	-	-	-	-	-	-	-	-	-	-	-	5,107
350: Material Issues-Major	329,190	5,983	2,667	2,261	4,374	2,764	3,662	2,839	2,114	2,327	1,172	4,460	4,004	367,817
370: Outside Services	144,998	255	114	96	187	118	156	121	90	99	50	190	171	146,646
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	195,218	-	-	-	-	-	-	-	-	-	-	-	-	195,218
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(800,765)	(6,778)	(3,022)	(2,562)	(4,956)	(3,132)	(4,149)	(3,216)	(2,395)	(2,636)	(1,327)	(5,054)	(4,536)	(844,528)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	25,995	221	98	83	161	102	135	105	78	86	43	165	148	27,421
914: Pension and Benefits	92,846	675	301	255	494	312	413	321	239	263	132	504	452	97,207
915: Injuries and Damages	25,201	292	130	110	213	135	179	138	103	113	57	218	195	27,085
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	19,710	1,696	756	641	1,240	783	1,038	805	599	660	332	1,264	1,135	30,660
922: Minor Material Load	18,721	-	-	-	-	-	-	-	-	-	-	-	-	18,721
925: E&S Loads	118,066	1,191	531	450	871	550	729	565	421	463	233	888	797	125,757
926: A&G Loads	49,008	329	147	124	241	152	202	156	116	128	64	245	220	51,133
928: AFUDC Debt	22	-	-	-	-	-	-	-	-	-	-	-	-	22
929: AFUDC Equity	37	-	-	-	-	-	-	-	-	-	-	-	-	37
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(491,790)	(5,727)	(5,176)	(4,651)	(4,601)	(4,270)	(4,161)	(3,923)	(3,597)	(3,368)	(2,973)	(3,240)	(3,378)	(540,856)
825: Closing Cost of Removal	(40,779)	(1,722)	(1,477)	(1,267)	(1,146)	(1,008)	(916)	(821)	(725)	(652)	(563)	(571)	(567)	(52,213)
Project Net	34,584	(651)	(3,623)	(3,349)	(778)	(2,138)	(916)	(1,519)	(1,920)	(1,377)	(2,205)	1,256	605	17,969

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	362,735	3,006	1,340	1,136	2,198	1,389	1,840	1,426	1,062	1,169	589	2,241	2,012	382,145
120: Overtime-General	5,107	-	-	-	-	-	-	-	-	-	-	-	-	5,107
350: Material Issues-Major	367,817	6,073	2,707	2,295	4,440	2,805	3,717	2,881	2,146	2,362	1,189	4,527	4,064	407,024
370: Outside Services	146,646	259	115	98	189	120	159	123	92	101	51	193	173	148,318
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	195,218	-	-	-	-	-	-	-	-	-	-	-	-	195,218
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(844,528)	(6,880)	(3,067)	(2,600)	(5,030)	(3,179)	(4,211)	(3,265)	(2,431)	(2,676)	(1,347)	(5,129)	(4,604)	(888,949)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	27,421	226	101	86	166	105	139	107	80	88	44	169	152	28,883
914: Pension and Benefits	97,207	692	309	262	506	320	424	329	245	269	136	516	463	101,677
915: Injuries and Damages	27,085	299	133	113	219	138	183	142	106	116	59	223	200	29,016
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	30,660	1,721	767	651	1,258	795	1,054	817	608	669	337	1,283	1,152	41,773
922: Minor Material Load	18,721	-	-	-	-	-	-	-	-	-	-	-	-	18,721
925: E&S Loads	125,757	1,214	541	459	888	561	743	576	429	472	238	905	812	133,595
926: A&G Loads	51,133	406	181	154	297	188	249	193	144	158	80	303	272	53,756
928: AFUDC Debt	22	-	-	-	-	-	-	-	-	-	-	-	-	22
929: AFUDC Equity	37	-	-	-	-	-	-	-	-	-	-	-	-	37
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(540,856)	(3,881)	(3,678)	(3,436)	(3,630)	(3,490)	(3,542)	(3,432)	(3,207)	(3,062)	(2,729)	(3,066)	(3,258)	(581,269)
825: Closing Cost of Removal	(52,213)	(616)	(573)	(527)	(543)	(515)	(515)	(494)	(459)	(435)	(387)	(430)	(454)	(58,162)
Project Net	17,969	2,520	(1,123)	(1,311)	957	(764)	238	(597)	(1,187)	(768)	(1,741)	1,735	984	16,911

Project No: 15200207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification

This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new non-residential customers.

Project Alternatives

Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach

Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit

The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver

Compliance

Safety

New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability

New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance

This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15200207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	250,642	1,766	1,766	1,591	1,905	1,186	1,178	260,034
120: Overtime-General	4,123	12	12	11	13	8	8	4,187
350: Material Issues-Major	189,287	1,301	1,301	1,171	1,402	874	867	196,202
370: Outside Services	35,389	-	-	-	-	-	-	35,389
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	164,515	-	-	-	-	-	-	164,515
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(439,473)	(736)	(736)	(663)	(794)	(495)	(491)	(443,389)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,008	135	135	121	145	90	90	19,724
914: Pension and Benefits	66,343	383	383	345	413	257	255	68,378
915: Injuries and Damages	18,872	152	152	137	164	102	101	19,682
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	11,190	349	349	314	376	234	233	13,045
922: Minor Material Load	15,540	-	-	-	-	-	-	15,540
925: E&S Loads	113,558	469	469	422	505	315	312	116,050
926: A&G Loads	31,931	122	122	110	131	82	81	32,579
928: AFUDC Debt	2	-	-	-	-	-	-	2
929: AFUDC Equity	2	-	-	-	-	-	-	2
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(415,222)	(128)	(865)	(1,363)	(1,888)	(1,987)	(2,060)	(423,513)
825: Closing Cost of Removal	(67,930)	(2,164)	(1,792)	(1,492)	(1,276)	(1,066)	(901)	(67,930)
Project Net	6,467	1,659	1,294	703	1,096	(398)	(326)	10,496

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	260,034	1,811	1,348	1,851	1,811	1,931	1,739	1,811	1,811	1,630	1,952	1,216	1,207	280,151
120: Overtime-General	4,187	12	9	13	12	13	12	12	12	11	13	8	8	4,324
350: Material Issues-Major	196,202	1,320	983	1,349	1,320	1,408	1,268	1,320	1,320	1,189	1,423	887	880	210,870
370: Outside Services	35,389	-	-	-	-	-	-	-	-	-	-	-	-	35,389
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	164,515	-	-	-	-	-	-	-	-	-	-	-	-	164,515
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(443,389)	(747)	(556)	(764)	(747)	(797)	(718)	(747)	(747)	(673)	(806)	(502)	(498)	(451,694)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,724	137	102	140	137	146	132	137	137	124	148	92	92	21,249
914: Pension and Benefits	68,378	420	313	429	420	448	403	420	420	378	453	282	280	73,043
915: Injuries and Damages	19,682	181	135	185	181	193	174	181	181	163	196	122	121	21,697
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	13,045	374	279	382	374	399	359	374	374	337	403	251	249	17,202
922: Minor Material Load	15,540	-	-	-	-	-	-	-	-	-	-	-	-	15,540
925: E&S Loads	116,050	446	332	456	446	476	429	446	446	402	481	300	298	121,009
926: A&G Loads	32,579	113	84	115	113	120	108	113	113	102	122	76	75	33,833
928: AFUDC Debt	2	-	-	-	-	-	-	-	-	-	-	-	-	2
929: AFUDC Equity	2	-	-	-	-	-	-	-	-	-	-	-	-	2
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(423,513)	(2,394)	(2,454)	(2,719)	(2,908)	(3,108)	(3,181)	(3,268)	(3,337)	(3,312)	(3,432)	(3,206)	(3,026)	(459,857)
825: Closing Cost of Removal	(67,930)	(810)	(712)	(665)	(626)	(603)	(573)	(555)	(540)	(518)	(520)	(478)	(444)	(74,973)
Project Net	10,496	863	(137)	774	533	628	153	244	191	(167)	434	(952)	(758)	12,302

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	280,151	1,856	1,382	1,897	1,856	1,980	1,783	1,856	1,856	1,671	2,001	1,246	1,237	300,771
120: Overtime-General	4,324	13	9	13	13	13	12	13	13	11	14	8	8	4,464
350: Material Issues-Major	210,870	1,340	997	1,370	1,340	1,429	1,287	1,340	1,340	1,207	1,445	900	893	225,758
370: Outside Services	35,389	-	-	-	-	-	-	-	-	-	-	-	-	35,389
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	164,515	-	-	-	-	-	-	-	-	-	-	-	-	164,515
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(451,694)	(759)	(565)	(775)	(759)	(809)	(729)	(759)	(759)	(683)	(818)	(510)	(506)	(460,123)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	21,249	141	105	144	141	150	135	141	141	127	152	95	94	22,812
914: Pension and Benefits	73,043	430	320	440	430	459	413	430	430	388	464	289	287	77,824
915: Injuries and Damages	21,697	186	138	190	186	198	179	186	186	167	200	125	124	23,763
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	17,202	380	283	388	380	405	365	380	380	342	410	255	253	21,423
922: Minor Material Load	15,540	-	-	-	-	-	-	-	-	-	-	-	-	15,540
925: E&S Loads	121,009	456	339	466	456	486	438	456	456	411	492	306	304	126,076
926: A&G Loads	33,833	140	104	143	140	149	134	140	140	126	150	94	93	35,383
928: AFUDC Debt	2	-	-	-	-	-	-	-	-	-	-	-	-	2
929: AFUDC Equity	2	-	-	-	-	-	-	-	-	-	-	-	-	2
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(459,857)	(3,170)	(3,075)	(3,226)	(3,326)	(3,458)	(3,475)	(3,520)	(3,555)	(3,502)	(3,605)	(3,356)	(3,157)	(500,282)
825: Closing Cost of Removal	(74,973)	(457)	(438)	(455)	(465)	(481)	(481)	(486)	(489)	(481)	(494)	(460)	(432)	(80,591)
Project Net	12,302	556	(400)	594	391	522	61	176	138	(217)	410	(1,006)	(801)	12,725

Project No: 15200507 Lighting
Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2007
Estimated Completion Date 12/31/2027

Description
 This project includes costs for the installation, relocation, removal or replacement of PNM owned street lighting and floodlighting and the removal or replacement of private area lighting. This work includes poles, light fixtures, wiring, and ancillary lighting equipment. The poles may be either wood or aluminum ranging in size from 30 to 45 feet. Fixtures include high pressure sodium lights ranging from 70 to 400 watts per fixture and LED lights ranging from 25 to 300 watts. For PNM owned street lights, this will include the installation of 150 feet of service wire and the luminaire. All street lighting and floodlighting systems installed will adhere to PNM equipment standards provided in Rate Schedule 20 allowing for efficient and effective maintenance in the future.

Project Need Justification
 This project provides the funds necessary to meet PNM’s contractual obligations with municipal corporations and subdivisions within the state of New Mexico and service requirements allowed under the rate schedules. This project will allow PNM to install street lighting and flood lighting systems in accordance with PNM Rate Schedule 20 Integrated System Streetlighting and Flood Lighting Service – New Installations and PNM Rate Schedule 6 Private Area Lighting Service.

Project Alternatives
 Because of these contractual obligations and requirements under the rate schedules, there are no other alternative methods for this project. Under Rate Schedule 20, customers have the option to own streetlights and pay PNM or a contractor for their installation, or to request that PNM install and own the lights. Customers may request installation of LED lights, high pressure sodium lights, or LED operational substitutes for converting existing mercury vapor, high pressure sodium, or low pressure sodium lights. Under Rate Schedule 6 and the terms of the Agreement for Lighting Service thereunder, private lights are removed at the customer’s request and at PNM’s costs. PNM must honor installation requests under PNM Rate 20.

Project Estimate Approach
 Historical spend in this funding project was analyzed to develop this project’s estimated future spend. This blanket’s project spend forecast is prepared by escalating the most recent 12-month actual spend by labor and non-labor escalation rates.

Customer Benefit
 The customer benefit from this project is electric service for their streetlighting and floodlighting needs.

Primary Value Driver Compliance
Safety This project includes the installation of new and replacement of damage streetlighting facilities thus supporting and restoring the public safety benefits of streetlighting and floodlighting.

Reliability

System Performance

Security

Compliance This project is implemented in accordance with PNM Rate Schedule 20 - Integrated System StreetLighting and Floodlighting Service, and PNM Rate Schedule 6 - Private Area Lighting Service and new installations.

Environmental

Project No:	15200507 Lighting							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	183,981	1,565	810	937	1,209	1,516	882	190,901
120: Overtime-General	1,346	-	-	-	-	-	-	1,346
350: Material Issues-Major	137,212	2,750	2,750	2,750	2,750	2,750	2,750	153,712
370: Outside Services	15,598	-	-	-	-	-	-	15,598
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	148,328	-	-	-	-	-	-	148,328
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(5,703)	-	-	-	-	-	-	(5,703)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,752	118	61	71	92	115	67	14,275
914: Pension and Benefits	48,187	337	174	202	260	326	190	49,676
915: Injuries and Damages	13,811	134	69	80	104	130	75	14,403
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,916	737	737	737	737	737	737	13,340
922: Minor Material Load	15,340	-	-	-	-	-	-	15,340
925: E&S Loads	56,355	613	483	505	552	605	495	59,608
926: A&G Loads	22,143	171	141	146	157	169	144	23,071
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(420,732)	(31,208)	(24,556)	(19,611)	(15,998)	(13,395)	(11,221)	(536,722)
825: Closing Cost of Removal	(119,354)	(193)	(301)	(389)	(467)	(541)	(566)	(121,811)
Project Net	119,179	(24,976)	(19,631)	(14,572)	(10,605)	(7,588)	(6,447)	35,361

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	190,901	1,240	1,854	1,240	1,878	769	1,425	1,604	830	961	1,240	1,554	904	206,398
120: Overtime-General	1,346	-	-	-	-	-	-	-	-	-	-	-	-	1,346
350: Material Issues-Major	153,712	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	187,204
370: Outside Services	15,598	-	-	-	-	-	-	-	-	-	-	-	-	15,598
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	148,328	-	-	-	-	-	-	-	-	-	-	-	-	148,328
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(5,703)	-	-	-	-	-	-	-	-	-	-	-	-	(5,703)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,275	93	140	93	141	58	107	121	63	72	93	117	68	15,442
914: Pension and Benefits	49,676	285	427	285	432	177	328	369	191	221	285	358	208	53,245
915: Injuries and Damages	14,403	123	184	123	187	77	142	160	83	96	123	155	90	15,945
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	13,340	791	791	791	791	791	791	791	791	791	791	791	791	22,834
922: Minor Material Load	15,340	-	-	-	-	-	-	-	-	-	-	-	-	15,340
925: E&S Loads	59,608	521	620	521	624	445	551	580	455	476	521	572	467	65,964
926: A&G Loads	23,071	145	167	145	168	128	151	158	130	135	145	156	133	24,829
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(536,722)	(7,787)	(7,457)	(7,020)	(6,850)	(6,402)	(6,228)	(6,139)	(5,850)	(5,656)	(5,579)	(5,606)	(5,444)	(612,739)
825: Closing Cost of Removal	(121,811)	(483)	(554)	(587)	(638)	(636)	(660)	(686)	(676)	(674)	(683)	(702)	(693)	(129,484)
Project Net	35,361	(2,280)	(1,037)	(1,617)	(475)	(1,801)	(601)	(251)	(1,192)	(787)	(272)	186	(686)	24,548

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	206,398	1,271	1,900	1,271	1,925	788	1,460	1,644	851	985	1,271	1,593	926	222,282
120: Overtime-General	1,346	-	-	-	-	-	-	-	-	-	-	-	-	1,346
350: Material Issues-Major	187,204	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	221,200
370: Outside Services	15,598	-	-	-	-	-	-	-	-	-	-	-	-	15,598
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	148,328	-	-	-	-	-	-	-	-	-	-	-	-	148,328
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(5,703)	-	-	-	-	-	-	-	-	-	-	-	-	(5,703)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,442	96	143	96	145	59	110	124	64	74	96	120	70	16,638
914: Pension and Benefits	53,245	293	438	293	443	182	336	379	196	227	293	367	213	56,903
915: Injuries and Damages	15,945	126	189	126	192	78	145	164	85	98	126	159	92	17,526
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	22,834	803	803	803	803	803	803	803	803	803	803	803	803	32,470
922: Minor Material Load	15,340	-	-	-	-	-	-	-	-	-	-	-	-	15,340
925: E&S Loads	65,964	531	633	531	637	453	562	591	463	485	531	583	475	72,440
926: A&G Loads	24,829	179	206	179	207	158	187	195	160	166	179	193	164	26,999
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(612,739)	(5,434)	(5,605)	(5,563)	(5,715)	(5,514)	(5,544)	(5,620)	(5,456)	(5,363)	(5,370)	(5,466)	(5,354)	(678,744)
825: Closing Cost of Removal	(129,484)	(701)	(733)	(733)	(759)	(736)	(743)	(756)	(736)	(725)	(727)	(741)	(727)	(138,299)
Project Net	24,548	(5)	807	(165)	710	(895)	149	356	(736)	(417)	34	443	(505)	24,324

Project No: 15200607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include, but not limited to, the design, installation, and removal of wire, poles, pole hardware (including insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification

This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives

This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach

Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit

Customers benefit through outage restoration and increased reliability by maintaining system integrity through the replacement of damaged equipment and equipment taken out of service by storms or other events.

Primary Value Driver

Compliance

Safety

Reliability

Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance

Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	15200607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	899,513	5,119	4,148	3,921	4,490	4,529	2,263	923,982
120: Overtime-General	196,737	98	79	75	86	87	43	197,205
350: Material Issues-Major	601,572	3,279	2,657	2,511	2,876	2,901	1,450	617,246
370: Outside Services	666,352	5,564	4,509	4,262	4,880	4,923	2,460	692,951
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	680,147	31	25	24	27	27	14	680,295
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(339,064)	(882)	(714)	(675)	(773)	(780)	(390)	(343,278)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	82,302	395	320	302	346	349	175	84,190
914: Pension and Benefits	289,529	1,123	910	860	985	993	496	294,895
915: Injuries and Damages	81,215	447	362	342	392	395	197	83,350
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	55,164	879	712	673	771	778	389	59,366
922: Minor Material Load	68,086	-	-	-	-	-	-	68,086
925: E&S Loads	452,762	2,007	1,626	1,537	1,760	1,776	887	462,355
926: A&G Loads	168,971	558	452	427	489	494	247	171,638
928: AFUDC Debt	46	-	-	-	-	-	-	46
929: AFUDC Equity	10	-	-	-	-	-	-	10
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(3,246,848)	(4,110)	(5,210)	(6,090)	(7,084)	(7,973)	(7,886)	(3,285,200)
825: Closing Cost of Removal	(615,254)	(3,073)	(2,922)	(2,776)	(2,678)	(2,594)	(2,401)	(631,699)
Project Net	41,240	11,434	6,954	5,393	6,567	5,906	(2,056)	75,439

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	923,982	11,282	4,412	4,526	5,265	3,227	5,202	5,247	4,251	4,019	4,602	4,643	2,320	982,977
120: Overtime-General	197,205	216	84	87	101	62	100	100	81	77	88	89	44	198,333
350: Material Issues-Major	617,246	7,156	2,798	2,871	3,339	2,047	3,300	3,328	2,697	2,549	2,919	2,945	1,471	654,667
370: Outside Services	692,951	12,144	4,749	4,872	5,667	3,474	5,600	5,648	4,576	4,326	4,954	4,997	2,497	756,454
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	680,295	67	26	27	31	19	31	31	25	24	28	28	14	680,648
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(343,278)	(1,924)	(752)	(772)	(898)	(550)	(887)	(895)	(725)	(685)	(785)	(792)	(396)	(353,339)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	84,190	866	339	347	404	248	399	403	326	308	353	356	178	88,717
914: Pension and Benefits	294,895	2,648	1,035	1,062	1,236	758	1,221	1,231	998	943	1,080	1,090	544	308,742
915: Injuries and Damages	83,350	1,144	447	459	534	327	528	532	431	407	467	471	235	89,332
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	59,366	2,029	793	814	947	580	935	943	764	723	827	835	417	69,974
922: Minor Material Load	68,086	-	-	-	-	-	-	-	-	-	-	-	-	68,086
925: E&S Loads	462,355	4,085	1,597	1,639	1,906	1,169	1,884	1,900	1,539	1,455	1,666	1,681	840	483,717
926: A&G Loads	171,638	1,108	433	445	517	317	511	515	418	395	452	456	228	177,432
928: AFUDC Debt	46	-	-	-	-	-	-	-	-	-	-	-	-	46
929: AFUDC Equity	10	-	-	-	-	-	-	-	-	-	-	-	-	10
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,285,200)	(11,250)	(11,586)	(11,925)	(12,505)	(12,238)	(12,757)	(13,231)	(13,268)	(13,211)	(13,384)	(13,552)	(12,812)	(3,436,919)
825: Closing Cost of Removal	(631,699)	(2,701)	(2,607)	(2,530)	(2,501)	(2,369)	(2,355)	(2,346)	(2,286)	(2,221)	(2,194)	(2,173)	(2,033)	(660,015)
Project Net	75,439	26,870	1,770	1,921	4,043	(2,929)	3,711	3,407	(171)	(892)	1,072	1,073	(6,451)	108,863

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	982,977	11,564	4,522	4,639	5,396	3,308	5,332	5,378	4,358	4,119	4,717	4,759	2,378	1,043,448
120: Overtime-General	198,333	221	87	89	103	63	102	103	83	79	90	91	45	199,490
350: Material Issues-Major	654,667	7,264	2,840	2,914	3,389	2,078	3,349	3,378	2,737	2,587	2,963	2,989	1,494	692,648
370: Outside Services	756,454	12,327	4,820	4,945	5,752	3,526	5,684	5,732	4,645	4,391	5,028	5,072	2,535	820,910
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	680,648	68	27	27	32	20	32	32	26	24	28	28	14	681,006
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(353,339)	(1,953)	(764)	(783)	(911)	(559)	(901)	(908)	(736)	(696)	(797)	(804)	(402)	(363,552)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	88,717	887	347	356	414	254	409	413	334	316	362	365	182	93,358
914: Pension and Benefits	308,742	2,714	1,061	1,089	1,267	776	1,252	1,262	1,023	967	1,107	1,117	558	322,934
915: Injuries and Damages	89,332	1,173	459	470	547	335	541	545	442	418	478	483	241	95,464
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	69,974	2,059	805	826	961	589	949	958	776	733	840	847	423	80,740
922: Minor Material Load	68,086	-	-	-	-	-	-	-	-	-	-	-	-	68,086
925: E&S Loads	483,717	4,165	1,629	1,671	1,944	1,192	1,921	1,937	1,570	1,484	1,699	1,714	856	505,497
926: A&G Loads	177,432	1,368	535	549	638	391	631	636	515	487	558	563	281	184,585
928: AFUDC Debt	46	-	-	-	-	-	-	-	-	-	-	-	-	46
929: AFUDC Equity	10	-	-	-	-	-	-	-	-	-	-	-	-	10
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,436,919)	(15,695)	(15,540)	(15,448)	(15,657)	(15,043)	(15,276)	(15,498)	(15,304)	(15,042)	(15,040)	(15,054)	(14,156)	(3,619,670)
825: Closing Cost of Removal	(660,015)	(2,392)	(2,341)	(2,301)	(2,307)	(2,202)	(2,216)	(2,230)	(2,190)	(2,142)	(2,131)	(2,123)	(1,992)	(686,580)
Project Net	108,863	23,771	(1,513)	(958)	1,569	(5,271)	1,810	1,737	(1,721)	(2,275)	(97)	47	(7,542)	118,421

Project No: 15200707 Distr. System Improvements

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including but not limited to, the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisition (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. The project also improves system reliability by adding equipment and components, which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	15200707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	927,368	9,421	9,513	8,358	10,562	9,949	7,034	982,205
120: Overtime-General	36,194	46	47	41	52	49	34	36,462
350: Material Issues-Major	1,245,449	13,674	13,807	12,131	15,330	14,439	10,209	1,325,040
370: Outside Services	867,430	7,316	7,387	6,490	8,202	7,725	5,462	910,013
374: Outside Services Legal	1,012	-	-	-	-	-	-	1,012
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	628,250	-	-	-	-	-	-	628,250
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(55,885)	(1,636)	(1,652)	(1,452)	(1,834)	(1,728)	(1,222)	(65,408)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	71,523	717	724	636	803	757	535	75,695
914: Pension and Benefits	241,287	2,037	2,057	1,807	2,284	2,151	1,521	253,146
915: Injuries and Damages	69,803	810	818	719	909	856	605	74,520
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	71,714	3,667	3,702	3,253	4,111	3,872	2,737	93,057
922: Minor Material Load	90,996	-	-	-	-	-	-	90,996
925: E&S Loads	507,612	4,253	4,294	3,773	4,768	4,491	3,175	532,365
926: A&G Loads	213,343	1,206	1,218	1,070	1,352	1,274	900	220,363
928: AFUDC Debt	41,448	293	308	318	330	345	348	43,391
929: AFUDC Equity	66,021	704	739	764	793	828	836	70,685
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,234,337)	(27,375)	(28,642)	(29,223)	(30,765)	(31,843)	(31,437)	(4,413,622)
825: Closing Cost of Removal	(545,892)	(6,927)	(6,700)	(6,426)	(6,325)	(6,197)	(5,900)	(584,366)
Project Net	243,337	8,208	7,621	2,261	10,572	6,967	(5,163)	273,802

Project No:	15200707 Distr. System Improvements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	982,205	26,961	6,612	6,879	9,340	10,419	9,107	9,657	9,751	8,567	10,826	10,197	7,209	1,107,730
120: Overtime-General	36,462	132	32	34	46	51	45	47	48	42	53	50	35	37,077
350: Material Issues-Major	1,325,040	38,749	9,502	9,887	13,425	14,975	13,089	13,880	14,014	12,313	15,560	14,656	10,362	1,505,452
370: Outside Services	910,013	20,732	5,084	5,290	7,182	8,012	7,003	7,426	7,498	6,588	8,325	7,841	5,544	1,006,536
374: Outside Services Legal	1,012	-	-	-	-	-	-	-	-	-	-	-	-	1,012
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	628,250	-	-	-	-	-	-	-	-	-	-	-	-	628,250
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(65,408)	(4,637)	(1,137)	(1,183)	(1,606)	(1,792)	(1,566)	(1,661)	(1,677)	(1,473)	(1,862)	(1,754)	(1,240)	(86,996)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	75,695	2,040	500	521	707	788	689	731	738	648	819	772	546	85,193
914: Pension and Benefits	253,146	6,239	1,530	1,592	2,162	2,411	2,108	2,235	2,257	1,983	2,505	2,360	1,668	282,195
915: Injuries and Damages	74,520	2,696	661	688	934	1,042	911	966	975	857	1,082	1,020	721	87,071
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	93,057	10,984	2,694	2,803	3,805	4,245	3,710	3,934	3,972	3,490	4,411	4,154	2,937	144,196
922: Minor Material Load	90,996	-	-	-	-	-	-	-	-	-	-	-	-	90,996
925: E&S Loads	532,365	11,218	2,751	2,862	3,887	4,335	3,789	4,018	4,057	3,565	4,505	4,243	3,000	584,595
926: A&G Loads	220,363	3,108	762	793	1,077	1,201	1,050	1,113	1,124	988	1,248	1,176	831	234,834
928: AFUDC Debt	43,391	600	655	631	621	626	628	628	630	628	630	638	631	50,936
929: AFUDC Equity	70,685	765	835	805	792	798	801	801	804	801	804	814	805	80,309
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,413,622)	(40,312)	(38,715)	(37,427)	(37,431)	(37,934)	(37,771)	(37,881)	(38,023)	(37,598)	(38,272)	(38,575)	(37,457)	(4,871,019)
825: Closing Cost of Removal	(584,366)	(6,894)	(6,484)	(6,141)	(5,994)	(5,932)	(5,795)	(5,710)	(5,640)	(5,504)	(5,527)	(5,508)	(5,302)	(654,799)
Project Net	273,802	72,380	(14,718)	(11,968)	(1,053)	3,244	(2,203)	184	527	(4,108)	5,108	2,084	(9,711)	313,568

Project No:	15200707 Distr. System Improvements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,107,730	27,635	6,777	7,051	9,574	10,679	9,334	9,898	9,994	8,781	11,097	10,452	7,390	1,236,393
120: Overtime-General	37,077	135	33	35	47	52	46	48	49	43	54	51	36	37,706
350: Material Issues-Major	1,505,452	39,331	9,645	10,035	13,626	15,199	13,285	14,088	14,224	12,498	15,794	14,876	10,517	1,688,570
370: Outside Services	1,006,536	21,043	5,160	5,369	7,290	8,132	7,108	7,537	7,610	6,687	8,450	7,959	5,627	1,104,507
374: Outside Services Legal	1,012	-	-	-	-	-	-	-	-	-	-	-	-	1,012
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	628,250	-	-	-	-	-	-	-	-	-	-	-	-	628,250
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(86,996)	(4,706)	(1,154)	(1,201)	(1,630)	(1,819)	(1,590)	(1,686)	(1,702)	(1,495)	(1,890)	(1,780)	(1,258)	(108,907)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	85,193	2,091	513	534	724	808	706	749	756	664	840	791	559	94,929
914: Pension and Benefits	282,195	6,395	1,568	1,632	2,216	2,471	2,160	2,291	2,313	2,032	2,568	2,419	1,710	311,971
915: Injuries and Damages	87,071	2,763	678	705	957	1,068	933	990	999	878	1,110	1,045	739	99,935
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	144,196	11,149	2,734	2,845	3,862	4,308	3,766	3,993	4,032	3,543	4,477	4,217	2,981	196,103
922: Minor Material Load	90,996	-	-	-	-	-	-	-	-	-	-	-	-	90,996
925: E&S Loads	584,595	11,430	2,803	2,916	3,960	4,417	3,861	4,094	4,134	3,632	4,590	4,323	3,057	637,812
926: A&G Loads	234,834	3,834	940	978	1,328	1,482	1,295	1,373	1,387	1,218	1,540	1,450	1,025	252,685
928: AFUDC Debt	50,936	589	629	601	586	585	582	577	575	570	569	573	564	57,937
929: AFUDC Equity	80,309	1,021	1,090	1,042	1,016	1,013	1,009	1,001	997	988	986	994	978	92,445
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,871,019)	(45,943)	(43,772)	(41,980)	(41,565)	(41,711)	(41,216)	(41,040)	(40,929)	(40,268)	(40,758)	(40,892)	(39,589)	(5,370,681)
825: Closing Cost of Removal	(654,799)	(6,410)	(6,068)	(5,785)	(5,695)	(5,686)	(5,592)	(5,546)	(5,511)	(5,404)	(5,456)	(5,460)	(5,272)	(722,683)
Project Net	313,568	70,357	(18,425)	(15,223)	(3,703)	1,000	(4,313)	(1,631)	(1,070)	(5,633)	3,971	1,018	(10,935)	328,979

Project No: 15200807 Services

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project covers the expenses for the installation, connection, and in the case of service retirement, disconnection and removal, of PNM customer access or "services" in Lincoln County. Services include overhead and underground conductors connecting the PNM distribution system to the customer. Materials to be purchased include overhead and underground service wires and associated connecting or terminating equipment.

Project Need Justification
PNM is obligated to serve customers within its service territory. PNM and the customers' service cost responsibilities are defined within PNM's Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210. This project covers the expenses associated with labor, materials, outside services (contractors), and transportation required for PNM to meet its obligation to serve customers by either connecting or disconnecting electrical service to customer facilities.

Project Alternatives
As PNM is obligated to serve customers in its territory there are few alternatives to this project. However, if a customer prefers a more expensive connection to PNM's distribution network (e.g., if a residential customer in an area served by overhead lines prefers an underground service) the customer must provide the service wires per PNM rules and is response for covering a portion of the increased costs.

Project Estimate Approach
Since the amount, length, and types of services to be installed each year is unknown at the time of budget preparation, the budget is estimated by applying escalation factors to historical spend for similar activities. The initial budget for this project was developed by cost escalation factors to the most recent 12-month actual spend. An adjustment was made to the actual spend to account for expected cost increases for a planned change in the installation practice for residential underground services from direct buried wired to installation of service wire in conduit. Labor and non-labor cost components are escalated using customary annual expected cost increase percentages supplied by PNM Budget.

Customer Benefit
This project provides funding for customers services and connections enabling power delivery to customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Enables PNM's compliance with Rules and Regulations, specifically Rules 15, 16, and 18 with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15200807 Services							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	809,865	4,743	4,785	5,000	5,002	5,110	4,948	839,453
120: Overtime-General	8,973	6	6	6	6	6	6	9,008
350: Material Issues-Major	163,483	1,094	1,103	1,153	1,153	1,178	1,141	170,305
370: Outside Services	108,103	4,266	4,304	4,498	4,499	4,596	4,451	134,717
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	557,840	1	1	1	1	2	1	557,848
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	61,147	359	363	379	379	387	375	63,389
914: Pension and Benefits	213,733	1,022	1,031	1,077	1,078	1,101	1,066	220,108
915: Injuries and Damages	59,762	406	410	429	429	438	424	62,298
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	5,510	293	296	309	309	316	306	7,340
922: Minor Material Load	4,496	-	-	-	-	-	-	4,496
925: E&S Loads	212,274	1,487	1,500	1,568	1,568	1,602	1,552	221,552
926: A&G Loads	74,965	400	404	422	422	431	418	77,462
928: AFUDC Debt	12,706	-	-	-	-	-	-	12,706
929: AFUDC Equity	2,916	-	-	-	-	-	-	2,916
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,886,834)	(4,825)	(5,976)	(7,039)	(7,943)	(8,753)	(9,379)	(1,930,749)
825: Closing Cost of Removal	(367,615)	(3,486)	(3,218)	(3,003)	(2,820)	(2,670)	(2,534)	(385,344)
Project Net	41,324	5,768	5,009	4,801	4,085	3,743	2,775	67,505

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	839,453	11,555	4,444	4,833	5,125	5,050	5,028	4,861	4,905	5,125	5,127	5,237	5,072	905,816
120: Overtime-General	9,008	14	5	6	6	6	6	6	6	6	6	6	6	9,087
350: Material Issues-Major	170,305	2,638	1,015	1,103	1,170	1,153	1,148	1,110	1,120	1,170	1,171	1,196	1,158	185,456
370: Outside Services	134,717	10,292	3,958	4,305	4,565	4,498	4,479	4,330	4,369	4,565	4,567	4,665	4,517	193,828
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	557,848	3	1	1	2	1	1	1	1	2	2	2	2	557,868
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	63,389	871	335	364	386	381	379	367	370	386	387	395	382	68,392
914: Pension and Benefits	220,108	2,664	1,025	1,114	1,182	1,164	1,159	1,121	1,131	1,182	1,182	1,208	1,169	235,409
915: Injuries and Damages	62,298	1,151	443	481	511	503	501	484	489	511	511	522	505	68,909
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,340	748	288	313	332	327	325	315	317	332	332	339	328	11,634
922: Minor Material Load	4,496	-	-	-	-	-	-	-	-	-	-	-	-	4,496
925: E&S Loads	221,552	3,357	1,291	1,404	1,489	1,467	1,461	1,412	1,425	1,489	1,489	1,521	1,473	240,830
926: A&G Loads	77,462	880	338	368	390	384	383	370	373	390	390	399	386	82,514
928: AFUDC Debt	12,706	-	-	-	-	-	-	-	-	-	-	-	-	12,706
929: AFUDC Equity	2,916	-	-	-	-	-	-	-	-	-	-	-	-	2,916
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,930,749)	(12,483)	(12,345)	(12,380)	(12,524)	(12,617)	(12,687)	(12,682)	(12,694)	(12,791)	(12,874)	(12,987)	(13,019)	(2,082,833)
825: Closing Cost of Removal	(385,344)	(2,769)	(2,590)	(2,459)	(2,363)	(2,277)	(2,203)	(2,132)	(2,073)	(2,035)	(2,003)	(1,981)	(1,954)	(412,181)
Project Net	67,505	18,921	(1,793)	(546)	270	41	(19)	(436)	(262)	332	287	521	26	84,847

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	905,816	11,844	4,555	4,954	5,253	5,176	5,154	4,983	5,027	5,254	5,255	5,368	5,199	973,838
120: Overtime-General	9,087	14	5	6	6	6	6	6	6	6	6	6	6	9,168
350: Material Issues-Major	185,456	2,678	1,030	1,120	1,188	1,170	1,165	1,127	1,137	1,188	1,188	1,214	1,175	200,834
370: Outside Services	193,828	10,447	4,017	4,369	4,633	4,566	4,546	4,395	4,434	4,634	4,635	4,735	4,585	253,825
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	557,868	3	1	1	2	2	2	1	1	2	2	2	2	557,888
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	68,392	893	343	373	396	390	389	376	379	396	396	405	392	73,520
914: Pension and Benefits	235,409	2,731	1,050	1,142	1,211	1,193	1,188	1,149	1,159	1,211	1,212	1,238	1,199	251,093
915: Injuries and Damages	68,909	1,180	454	493	523	516	513	496	501	523	524	535	518	75,685
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	11,634	759	292	317	337	332	330	319	322	337	337	344	333	15,993
922: Minor Material Load	4,496	-	-	-	-	-	-	-	-	-	-	-	-	4,496
925: E&S Loads	240,830	3,426	1,317	1,433	1,519	1,497	1,491	1,441	1,454	1,520	1,520	1,553	1,504	260,505
926: A&G Loads	82,514	1,087	418	455	482	475	473	457	461	482	482	493	477	88,756
928: AFUDC Debt	12,706	-	-	-	-	-	-	-	-	-	-	-	-	12,706
929: AFUDC Equity	2,916	-	-	-	-	-	-	-	-	-	-	-	-	2,916
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,082,833)	(15,694)	(15,120)	(14,788)	(14,622)	(14,451)	(14,298)	(14,100)	(13,950)	(13,910)	(13,877)	(13,893)	(13,841)	(2,255,377)
825: Closing Cost of Removal	(412,181)	(2,292)	(2,191)	(2,126)	(2,087)	(2,050)	(2,017)	(1,980)	(1,951)	(1,938)	(1,927)	(1,924)	(1,913)	(436,578)
Project Net	84,847	17,075	(3,827)	(2,249)	(1,159)	(1,179)	(1,057)	(1,329)	(1,018)	(296)	(247)	74	(364)	89,269

Project No: 15200907 Transformers
Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information County % Lincoln 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
 This project involves the purchase and installation of distribution transformers that manage voltage levels within usual and customary ranges usable by customers. Usual and customary voltages range between 120 volts for some residential customers up to 13,800 volts for some commercial or industrial customers.

Project Need Justification
 PNM is obligated to provide service to new and existing customers as load grows. New or increased load may impact voltages on the existing distribution system, and when it does, PNM is obligated to maintain equitable service to existing customers whose electrical service may be impacted by the new or increased load. This project enables PNM to meet its obligation by purchasing transformers necessary to service new and existing customers to meet load and prevent failure caused by new or increased load on the distribution system.

Project Alternatives
 This project is necessary to meet new or growing customer needs. Consideration will be given to deciding between serving new customers from existing transformers or installing new transformers to meet voltage and load demands. Outside of these parameters, there are no other alternatives.

Project Estimate Approach
 The specific work items for this project will not be known until customer requests for new or upgraded service are received during the budget year. As a result, expense forecasts are developed from historical activity regarding costs of transformers coupled with labor costs for installation or exchange of transformers. The initial budget for this project was developed by applying labor and non-labor cost escalation factors based on the most recent 12-month actual spend.

Customer Benefit
 Customers benefit either by providing new or increased electricity service, or by maintenance of usual an customary voltages for existing customers near new load.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance This project ensures PNM's continued compliance with Rule 15 of the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15200907 Transformers							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	160,220	1,612	1,811	1,509	1,828	2,217	2,671	171,867
120: Overtime-General	22,564	2	3	2	3	3	4	22,582
350: Material Issues-Major	1,553,173	10,661	11,977	9,978	12,087	14,661	17,665	1,630,201
370: Outside Services	7,772	-	-	-	-	-	-	7,772
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	154,037	-	-	-	-	-	-	154,037
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(14,024)	-	-	-	-	-	-	(14,024)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,588	122	137	114	139	168	203	14,471
914: Pension and Benefits	46,936	347	390	325	394	478	576	49,446
915: Injuries and Damages	14,032	138	155	129	157	190	229	15,031
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	38,879	2,859	3,212	2,676	3,241	3,931	4,737	59,534
922: Minor Material Load	3,234	-	-	-	-	-	-	3,234
925: E&S Loads	257,575	1,610	1,809	1,507	1,826	2,215	2,668	269,211
926: A&G Loads	112,514	486	546	455	551	668	805	116,026
928: AFUDC Debt	9	-	-	-	-	-	-	9
929: AFUDC Equity	7	-	-	-	-	-	-	7
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,274,516)	(11,643)	(14,220)	(14,423)	(15,874)	(18,331)	(21,633)	(2,370,640)
825: Closing Cost of Removal	(55,755)	(13,333)	(8,634)	(5,783)	(4,340)	(3,740)	(3,657)	(95,241)
Project Net	40,246	(7,137)	(2,814)	(3,510)	11	2,460	4,268	33,524

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	171,867	3,377	1,174	1,346	1,299	1,475	1,724	1,652	1,856	1,546	1,873	2,272	2,738	194,201
120: Overtime-General	22,582	5	2	2	2	2	3	3	3	2	3	3	4	22,616
350: Material Issues-Major	1,630,201	22,118	7,689	8,817	8,506	9,660	11,291	10,821	12,156	10,127	12,269	14,880	17,930	1,776,467
370: Outside Services	7,772	-	-	-	-	-	-	-	-	-	-	-	-	7,772
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	154,037	-	-	-	-	-	-	-	-	-	-	-	-	154,037
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(14,024)	-	-	-	-	-	-	-	-	-	-	-	-	(14,024)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,471	255	89	102	98	111	130	125	140	117	141	171	206	16,155
914: Pension and Benefits	49,446	779	271	311	300	340	398	381	428	357	432	524	631	54,597
915: Injuries and Damages	15,031	337	117	134	129	147	172	165	185	154	187	226	273	17,256
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	59,534	6,269	2,180	2,499	2,411	2,738	3,201	3,067	3,446	2,871	3,478	4,218	5,082	100,994
922: Minor Material Load	3,234	-	-	-	-	-	-	-	-	-	-	-	-	3,234
925: E&S Loads	269,211	3,090	1,074	1,232	1,188	1,350	1,578	1,512	1,698	1,415	1,714	2,079	2,505	289,645
926: A&G Loads	116,026	915	318	365	352	400	467	448	503	419	508	616	742	122,080
928: AFUDC Debt	9	-	-	-	-	-	-	-	-	-	-	-	-	9
929: AFUDC Equity	7	-	-	-	-	-	-	-	-	-	-	-	-	7
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,370,640)	(26,386)	(19,927)	(16,962)	(15,074)	(14,731)	(15,572)	(15,753)	(16,705)	(15,957)	(16,893)	(19,085)	(22,273)	(2,585,958)
825: Closing Cost of Removal	(95,241)	(4,001)	(2,947)	(2,444)	(2,130)	(2,051)	(2,148)	(2,162)	(2,286)	(2,181)	(2,306)	(2,604)	(3,038)	(125,538)
Project Net	33,524	6,758	(9,960)	(4,598)	(2,918)	(559)	1,243	259	1,425	(1,130)	1,406	3,301	4,801	33,552

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	194,201	3,462	1,203	1,380	1,331	1,512	1,767	1,694	1,903	1,585	1,920	2,329	2,806	217,092
120: Overtime-General	22,616	5	2	2	2	2	3	3	3	2	3	4	4	22,651
350: Material Issues-Major	1,776,467	22,449	7,805	8,949	8,634	9,805	11,461	10,984	12,339	10,279	12,453	15,104	18,199	1,924,926
370: Outside Services	7,772	-	-	-	-	-	-	-	-	-	-	-	-	7,772
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	154,037	-	-	-	-	-	-	-	-	-	-	-	-	154,037
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(14,024)	-	-	-	-	-	-	-	-	-	-	-	-	(14,024)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	16,155	261	91	104	100	114	133	128	143	120	145	176	212	17,882
914: Pension and Benefits	54,597	798	278	318	307	349	408	391	439	366	443	537	647	59,877
915: Injuries and Damages	17,256	345	120	138	133	151	176	169	190	158	191	232	280	19,538
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	100,994	6,363	2,212	2,537	2,447	2,779	3,249	3,113	3,497	2,914	3,530	4,281	5,159	143,077
922: Minor Material Load	3,234	-	-	-	-	-	-	-	-	-	-	-	-	3,234
925: E&S Loads	289,645	3,142	1,092	1,253	1,208	1,372	1,604	1,537	1,727	1,439	1,743	2,114	2,547	310,423
926: A&G Loads	122,080	1,127	392	449	434	492	576	552	620	516	625	758	914	129,536
928: AFUDC Debt	9	-	-	-	-	-	-	-	-	-	-	-	-	9
929: AFUDC Equity	7	-	-	-	-	-	-	-	-	-	-	-	-	7
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,585,958)	(27,057)	(20,415)	(17,362)	(15,420)	(15,062)	(15,917)	(16,099)	(17,070)	(16,306)	(17,261)	(19,501)	(22,758)	(2,806,186)
825: Closing Cost of Removal	(125,538)	(3,690)	(2,784)	(2,368)	(2,103)	(2,054)	(2,171)	(2,195)	(2,328)	(2,224)	(2,354)	(2,659)	(3,103)	(155,570)
Project Net	33,552	7,206	(10,005)	(4,600)	(2,926)	(539)	1,288	274	1,462	(1,151)	1,439	3,374	4,906	34,281

Project No: 15201007 **Meter Equipment**
Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information County % Lincoln 100%

Estimated Start Date 1/1/2007
 Estimated Completion Date 12/31/2027

Description
 This project covers metering equipment purchases for new service, interconnections, maintenance, routine replacement, meter retirement, and instrument transformers. Labor costs are included with new service, interconnection, and instrument transformer work.

Project Need Justification
 This project is necessary to meet requirements listed under the New Mexico Public Regulatory Commission (NMPRC) rules 17.9.560.14, 17.9.570 and the Superseding Application and Stipulation of Case 2124. This project ensures that PNM accurately monitors energy consumption to provide customers with timely and accurate bills.

Project Alternatives
 In order to meet PNM's obligation to its customers and to maintain system reliability there is no alternative to purchasing metering equipment.

Project Estimate Approach
 Historical spend was analyzed to develop this project's estimated future spend. This blanket's project spend forecast is prepared using the prior 12-month actual spend and adding projected meter purchases. Projected Meter Credits are added quarterly. Labor is increased for estimated yearly raises, and non-labor is increased to accommodate yearly inflation.

Customer Benefit
 PNM customers benefit from this project through ongoing and accurate monitoring of energy consumption and timely and accurate bills.

Primary Value Driver Compliance
Safety Single and three phase solid state meters are used as necessary with remote communication capabilities in addition to current and voltage transformers used to provide safe and accurate monitoring of higher voltage loads. Test switches are installed that can interrupt the flow of current to safely allow testing of equipment on site, and wire, lugs and nuts will be provided to securely connect transformer equipment to metering equipment.

Reliability Metering equipment is utilized to monitor loads at the distribution and transmission levels. This project ensures improved monitoring of the system.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 17, Metering, as filed with the NMPRC and in accordance with NMPRC rules 17.9.560.14 (regarding inspection and tests) , 17.9.570 (relating the governance of cogeneration and small power production) and the Superseding Application and Stipulation of Case 2124.

Environmental

Project No:	15201007 Meter Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	131,392	-	-	-	-	-	-	131,392
120: Overtime-General	1,044	-	-	-	-	-	-	1,044
350: Material Issues-Major	523,913	4,712	4,227	5,457	3,736	3,496	6,882	552,424
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	102,788	-	-	-	-	-	-	102,788
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,455)	-	-	-	-	-	-	(3,455)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,793	-	-	-	-	-	-	9,793
914: Pension and Benefits	35,041	-	-	-	-	-	-	35,041
915: Injuries and Damages	10,205	-	-	-	-	-	-	10,205
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	9,145	1,263	1,134	1,463	1,002	938	1,845	16,790
922: Minor Material Load	1,870	-	-	-	-	-	-	1,870
925: E&S Loads	127,766	589	528	682	467	437	860	131,329
926: A&G Loads	43,358	187	167	216	148	138	273	44,487
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(796,320)	(5,656)	(5,548)	(5,988)	(5,566)	(5,184)	(6,337)	(830,599)
825: Closing Cost of Removal	(185,342)	(267)	(419)	(590)	(607)	(605)	(796)	(188,627)
Project Net	11,199	828	89	1,241	(821)	(780)	2,727	14,481

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	131,392	-	-	-	-	-	-	-	-	-	-	-	-	131,392
120: Overtime-General	1,044	-	-	-	-	-	-	-	-	-	-	-	-	1,044
350: Material Issues-Major	552,424	9,488	2,573	7,132	2,377	3,906	6,664	4,783	4,291	5,539	3,792	3,549	6,985	613,502
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	102,788	-	-	-	-	-	-	-	-	-	-	-	-	102,788
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,455)	-	-	-	-	-	-	-	-	-	-	-	-	(3,455)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,793	-	-	-	-	-	-	-	-	-	-	-	-	9,793
914: Pension and Benefits	35,041	-	-	-	-	-	-	-	-	-	-	-	-	35,041
915: Injuries and Damages	10,205	-	-	-	-	-	-	-	-	-	-	-	-	10,205
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	16,790	2,690	729	2,022	674	1,107	1,889	1,356	1,216	1,570	1,075	1,006	1,980	34,103
922: Minor Material Load	1,870	-	-	-	-	-	-	-	-	-	-	-	-	1,870
925: E&S Loads	131,329	1,091	296	820	273	449	766	550	493	637	436	408	803	138,353
926: A&G Loads	44,487	341	92	256	85	140	239	172	154	199	136	127	251	46,680
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(830,599)	(8,198)	(6,564)	(7,369)	(5,927)	(5,598)	(6,527)	(6,365)	(6,052)	(6,362)	(5,842)	(5,392)	(6,522)	(907,317)
825: Closing Cost of Removal	(188,627)	(1,072)	(865)	(984)	(795)	(754)	(884)	(864)	(822)	(866)	(795)	(734)	(889)	(198,952)
Project Net	14,481	4,340	(3,739)	1,876	(3,312)	(750)	2,148	(369)	(720)	718	(1,199)	(1,036)	2,608	15,047

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	131,392	-	-	-	-	-	-	-	-	-	-	-	-	131,392
120: Overtime-General	1,044	-	-	-	-	-	-	-	-	-	-	-	-	1,044
350: Material Issues-Major	613,502	9,631	2,611	7,239	2,413	3,965	6,764	4,854	4,355	5,622	3,849	3,602	7,090	675,496
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	102,788	-	-	-	-	-	-	-	-	-	-	-	-	102,788
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,455)	-	-	-	-	-	-	-	-	-	-	-	-	(3,455)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,793	-	-	-	-	-	-	-	-	-	-	-	-	9,793
914: Pension and Benefits	35,041	-	-	-	-	-	-	-	-	-	-	-	-	35,041
915: Injuries and Damages	10,205	-	-	-	-	-	-	-	-	-	-	-	-	10,205
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	34,103	2,730	740	2,052	684	1,124	1,917	1,376	1,234	1,594	1,091	1,021	2,010	51,676
922: Minor Material Load	1,870	-	-	-	-	-	-	-	-	-	-	-	-	1,870
925: E&S Loads	138,353	1,108	300	832	278	456	778	558	501	647	443	414	815	145,483
926: A&G Loads	46,680	419	114	315	105	172	294	211	189	245	167	157	308	49,376
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(907,317)	(8,403)	(6,723)	(7,536)	(6,059)	(5,720)	(6,665)	(6,498)	(6,177)	(6,493)	(5,962)	(5,503)	(6,656)	(985,712)
825: Closing Cost of Removal	(198,952)	(1,145)	(917)	(1,027)	(826)	(780)	(909)	(886)	(842)	(885)	(813)	(750)	(908)	(209,641)
Project Net	15,047	4,339	(3,875)	1,875	(3,406)	(783)	2,179	(384)	(740)	729	(1,225)	(1,059)	2,660	15,356

Project No: 15201621 GA0000 Feeder Rebuild

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 12/31/2027

Description
The Gavlin (GA0000) project includes the demolition and construction of the GA0000 distribution feeder. The project will consist of a complete rebuild of approximately 12.76 miles of the GA0000 backbone (3 phase primary). This will involve upgrading ~ 432 poles to ensure they are the standard height and class, upgrading ~ 67,328 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's GA0000 Feeder which serves over 6,772 customers and has, over the last several years, experienced 21 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
This project will rebuild the GA0000 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No:	15201621 GA0000 Feeder Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	1,833	1,833	1,833	1,833	1,833	9,167
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	16,500	16,500	16,500	16,500	16,500	82,501
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	139	139	139	139	139	694
914: Pension and Benefits	-	-	395	395	395	395	395	1,973
915: Injuries and Damages	-	-	157	157	157	157	157	785
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	2,378	2,378	2,378	2,378	2,378	11,890
926: A&G Loads	-	-	726	726	726	726	726	3,630
928: AFUDC Debt	-	-	14	41	69	97	125	346
929: AFUDC Equity	-	-	33	99	166	232	300	830
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	22,175	22,268	22,362	22,457	22,552	111,814

Project No:	15201621 GA0000 Feeder Rebuild													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	9,167	-	-	-	-	-	-	-	-	-	-	-	-	9,167
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	82,501	-	-	-	-	-	-	-	-	-	-	-	-	82,501
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	694	-	-	-	-	-	-	-	-	-	-	-	-	694
914: Pension and Benefits	1,973	-	-	-	-	-	-	-	-	-	-	-	-	1,973
915: Injuries and Damages	785	-	-	-	-	-	-	-	-	-	-	-	-	785
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	11,890	-	-	-	-	-	-	-	-	-	-	-	-	11,890
926: A&G Loads	3,630	-	-	-	-	-	-	-	-	-	-	-	-	3,630
928: AFUDC Debt	346	209	211	212	213	214	215	216	217	218	219	220	221	2,928
929: AFUDC Equity	830	267	269	270	271	272	274	275	276	278	279	280	282	4,123
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	111,814	477	479	481	484	486	488	491	493	495	498	500	503	117,690

Project No:	15201621 GA0000 Feeder Rebuild													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	9,167	-	-	-	-	-	-	-	-	-	-	-	-	9,167
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	82,501	-	-	-	-	-	-	-	-	-	-	-	-	82,501
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	694	-	-	-	-	-	-	-	-	-	-	-	-	694
914: Pension and Benefits	1,973	-	-	-	-	-	-	-	-	-	-	-	-	1,973
915: Injuries and Damages	785	-	-	-	-	-	-	-	-	-	-	-	-	785
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	11,890	-	-	-	-	-	-	-	-	-	-	-	-	11,890
926: A&G Loads	3,630	-	-	-	-	-	-	-	-	-	-	-	-	3,630
928: AFUDC Debt	2,928	188	189	189	190	191	38	-	-	-	-	-	-	3,913
929: AFUDC Equity	4,123	325	327	328	330	332	66	-	-	-	-	-	-	5,831
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	(85,834)	(21,272)	-	-	-	-	-	-	(107,107)
825: Closing Cost of Removal	-	-	-	-	-	(10,650)	(2,627)	-	-	-	-	-	-	(13,277)
Project Net	117,690	513	515	518	520	(95,961)	(23,795)	-	-	-	-	-	-	(0)

Project No: 15201707 Ruidoso Pure Project

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 12/1/2013

Estimated Completion Date 12/31/2027

Description This project involves the like-for-like replacement of aging/obsolete or damaged equipment on distribution poles. Physical items identified for replacement include, but are not limited to, lightning arrestors, cross-arms, cut-outs, capacitors, and insulators. The work under this project includes cost for internal labor, material, transportation, and contractors.

Project Need Justification This work is necessary to maintain reliable service and reduce hazards to the public and PNM personnel. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines the requirements for following electrical and safety standards (National Electric Safety Code), minimizing interruption of service, and protective safety measures. Not performing this work may decrease reliability and increase hazards to PNM personnel and the public. Work needed for repairing and replacing aging overhead distribution construction components is identified through routine line patrols, daily work, and responding to outages.

Project Alternatives No alternatives are available for this project, as it is necessary to ensure system reliability and minimize hazardous risks to PNM personnel and the public. Projects are created based on feeder conditions as determined from line patrols and outage records caused by failure of overhead components. High risk projects that would greatly impact the system if a failure were to occur are addressed immediately. The work identified that does not create an immediate hazard or pose imminent failure risk is scheduled based upon the level of deterioration or condition of the equipment and the overall circuit performance in terms of number of outages and customers affected. As this work is not of immediate priority, work can be reasonably delayed if higher priority work exists or internal or contractor crews are limited.

Project Estimate Approach Project work is identified through line patrols and individual project cost estimates of the work are developed through a database where the information is collected. The project's annual spend is established by escalating the most recent 12-month actual spend.

Customer Benefit Performing this work helps increase reliability to PNM's retail customers. It also assists with reducing public and PNM employee hazards that may be created by failing overhead distribution components.

Primary Value Driver Reliability

Safety Repairing failing or damaged overhead distribution components helps to eliminate the potential for public and PNM employee hazard exposures.

Reliability Repairing failing or damaged overhead components can reduce outages and increase system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	15201707 Ruidoso Pure Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	416,117	1,015	1,015	1,015	1,015	1,015	1,015	422,205
120: Overtime-General	26,786	-	-	-	-	-	-	26,786
350: Material Issues-Major	91,087	1,218	2,030	406	2,030	1,827	1,421	100,016
370: Outside Services	666,351	18,266	16,236	10,148	20,295	12,177	10,148	753,620
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	332,990	-	-	-	-	-	-	332,990
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,814	77	77	77	77	77	77	34,275
914: Pension and Benefits	107,981	218	218	218	218	218	218	109,291
915: Injuries and Damages	33,524	87	87	87	87	87	87	34,045
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,547	327	544	109	544	490	381	10,941
922: Minor Material Load	12,351	-	-	-	-	-	-	12,351
925: E&S Loads	186,707	2,610	2,458	1,494	2,965	1,925	1,621	199,779
926: A&G Loads	73,462	812	764	458	924	595	498	77,512
928: AFUDC Debt	5,871	-	-	-	-	-	-	5,871
929: AFUDC Equity	13,982	-	-	-	-	-	-	13,982
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,610,589)	(51,704)	-	-	(87,541)	-	(41,356)	(1,791,190)
825: Closing Cost of Removal	(293,580)	(13,310)	-	-	(16,945)	-	(6,641)	(330,476)
Project Net	105,399	(40,385)	23,428	14,011	(76,331)	18,410	(32,532)	11,999

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	422,205	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	1,035	434,626
120: Overtime-General	26,786	207	207	207	207	207	207	-	-	-	-	-	-	27,821
350: Material Issues-Major	100,016	207	4,140	2,070	4,140	2,070	2,070	1,242	2,070	414	2,070	1,863	1,449	123,823
370: Outside Services	753,620	6,210	18,631	18,631	18,631	33,122	18,631	18,631	16,561	10,351	20,701	12,421	10,351	956,490
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	332,990	383	207	207	207	207	-	-	-	-	-	-	-	334,201
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	34,275	94	94	94	94	94	78	78	78	78	78	78	78	35,288
914: Pension and Benefits	109,291	286	286	286	286	286	238	238	238	238	238	238	238	112,390
915: Injuries and Damages	34,045	124	124	124	124	124	103	103	103	103	103	103	103	35,384
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,941	59	1,174	587	1,174	587	587	352	587	117	587	528	411	17,689
922: Minor Material Load	12,351	-	-	-	-	-	-	-	-	-	-	-	-	12,351
925: E&S Loads	199,779	983	2,843	2,605	2,843	4,272	2,548	2,453	2,310	1,405	2,786	1,810	1,524	228,160
926: A&G Loads	77,512	289	870	795	870	1,315	780	751	706	424	855	550	461	86,177
928: AFUDC Debt	5,871	-	-	-	-	-	-	-	-	-	-	-	-	5,871
929: AFUDC Equity	13,982	-	-	-	-	-	-	-	-	-	-	-	-	13,982
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,791,190)	(3,806)	(8,256)	(11,294)	(14,246)	(19,021)	(19,805)	(20,223)	(20,348)	(18,771)	(20,025)	(19,298)	(72,771)	(2,039,053)
825: Closing Cost of Removal	(330,476)	(569)	(1,166)	(1,572)	(1,968)	(2,614)	(2,717)	(2,771)	(2,785)	(2,568)	(2,737)	(2,637)	(9,941)	(364,522)
Project Net	11,999	5,501	20,188	13,775	13,395	21,683	3,548	1,888	555	(7,174)	5,691	(3,309)	(67,062)	20,678

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	434,626	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	447,258
120: Overtime-General	27,821	211	211	211	211	211	-	-	-	-	-	-	-	28,874
350: Material Issues-Major	123,823	211	4,211	2,105	4,211	2,105	2,105	1,263	2,105	421	2,105	1,895	1,474	148,034
370: Outside Services	956,490	6,316	18,948	18,948	18,948	33,686	18,948	18,948	16,843	10,527	21,054	12,632	10,527	1,162,817
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	334,201	389	211	211	211	211	-	-	-	-	-	-	-	335,432
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	35,288	95	95	95	95	95	79	79	79	79	79	79	79	36,319
914: Pension and Benefits	112,390	291	291	291	291	291	242	242	242	242	242	242	242	115,542
915: Injuries and Damages	35,384	126	126	126	126	126	105	105	105	105	105	105	105	36,745
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	17,689	60	1,194	597	1,194	597	597	358	597	119	597	537	418	24,553
922: Minor Material Load	12,351	-	-	-	-	-	-	-	-	-	-	-	-	12,351
925: E&S Loads	228,160	999	2,892	2,650	2,892	4,344	2,591	2,494	2,349	1,429	2,833	1,841	1,550	257,025
926: A&G Loads	86,177	356	1,072	980	1,072	1,621	962	925	870	522	1,053	678	568	96,854
928: AFUDC Debt	5,871	-	-	-	-	-	-	-	-	-	-	-	-	5,871
929: AFUDC Equity	13,982	-	-	-	-	-	-	-	-	-	-	-	-	13,982
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,039,053)	(5,417)	(9,667)	(12,532)	(15,359)	(20,091)	(20,769)	(21,097)	(21,145)	(19,467)	(20,699)	(19,914)	(75,001)	(2,300,211)
825: Closing Cost of Removal	(364,522)	(740)	(1,319)	(1,709)	(2,095)	(2,740)	(2,832)	(2,877)	(2,884)	(2,655)	(2,823)	(2,716)	(10,228)	(400,139)
Project Net	20,678	3,949	19,316	13,024	12,848	21,508	3,082	1,494	215	(7,625)	5,600	(3,568)	(69,213)	21,307

Project No: 15230521 Ruidoso Metal Building

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2022

Description
The Ruidoso service center is in need of a new metal building which will be used to store equipment and provide working space for repairs. This will be a 100' x 40' metal building structure placed on a concrete foundation pad with electrical lighting. The building will provide needed protection from the elements for PNM equipment which currently sits outside and is subject to snow, sun-rot, etc. Ruidoso is located in the Sacramento Mountains where the elevation is approximately 7000'/7500'. Winter snowfall covers equipment, melts then freezes making platforms, trailer decks, and other equipment working surfaces extremely dangerous for PNM personnel. At times the winter temperatures will stay below freezing for days, making it very difficult to properly clear and safely utilize the equipment.

Project Need Justification
This project is essential for protecting various assets that are constantly exposed to the outside elements as well as providing a safer work environment for PNM personnel and visitors. This will also increase security for the assets that could otherwise be subject to theft and vandalism.

Project Alternatives
The alternative to this project is the do nothing approach. The do nothing approach has been an issue for many years at many of PNM's Southern facilities. Equipment longevity and personnel safety issues are not addressed with this alternative. The building option is considered to be the best path to ensure protection of equipment that is needed to support the service territory.

Project Estimate Approach
This project was competitively bid through the Sourcing department via a formalized request for proposal (RFP) process for the materials and labor to complete the construction of the building. Additionally, architectural drawings were developed, approved and stamped to support this effort.

Customer Benefit
This project benefits customers by ensuring that required equipment will be in usable condition and readily available when needed,

Primary Value Driver Safety

Safety This project will improve the safety for PNM personnel working with materials at this facility, especially in the winter months.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	15230521 Ruidoso Metal Building							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	39,082	74,500	158,000	140,000	158,000	158,000	75,400	802,982
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	123	-	-	-	-	-	-	123
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	2,345	2,950	6,257	5,544	6,257	6,257	2,986	32,595
928: AFUDC Debt	465	100	250	444	639	846	1,001	3,745
929: AFUDC Equity	1,515	240	601	1,066	1,533	2,030	2,402	9,386
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(746,609)	(746,609)
825: Closing Cost of Removal	-	-	-	-	-	-	(102,223)	(102,223)
Project Net	43,530	77,790	165,108	147,054	166,429	167,133	(767,043)	0

Project No:	15230521 Ruidoso Metal Building													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	802,982	-	-	-	-	-	-	-	-	-	-	-	-	802,982
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	123	-	-	-	-	-	-	-	-	-	-	-	-	123
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	32,595	-	-	-	-	-	-	-	-	-	-	-	-	32,595
928: AFUDC Debt	3,745	-	-	-	-	-	-	-	-	-	-	-	-	3,745
929: AFUDC Equity	9,386	-	-	-	-	-	-	-	-	-	-	-	-	9,386
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(746,609)	-	-	-	-	-	-	-	-	-	-	-	-	(746,609)
825: Closing Cost of Removal	(102,223)	-	-	-	-	-	-	-	-	-	-	-	-	(102,223)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No:	15230521 Ruidoso Metal Building													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	802,982	-	-	-	-	-	-	-	-	-	-	-	-	802,982
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	123	-	-	-	-	-	-	-	-	-	-	-	-	123
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	32,595	-	-	-	-	-	-	-	-	-	-	-	-	32,595
928: AFUDC Debt	3,745	-	-	-	-	-	-	-	-	-	-	-	-	3,745
929: AFUDC Equity	9,386	-	-	-	-	-	-	-	-	-	-	-	-	9,386
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(746,609)	-	-	-	-	-	-	-	-	-	-	-	-	(746,609)
825: Closing Cost of Removal	(102,223)	-	-	-	-	-	-	-	-	-	-	-	-	(102,223)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 15230621 Ruidoso Service Upgrade

Company: 001 Electric Services
Location: 152 Ruidoso Services Dist

Project Information

County % Lincoln 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 8/1/2022

Description
The Ruidoso Service Center Truck Barn is in need of an upgrade to the electrical service to 800 amp three-phase service. The upgraded service is needed to ensure there is adequate power for the car chargers for electric vehicles installed in 2019, and the motorized doors and heated cement replaced in December 2020.

Project Need Justification
This will provide the adequate power for the car chargers installed in 2019 and the motorized doors and heated cement that was just replaced in December 2020. If service is not upgraded this equipment (e.g., chargers, heaters, and garage door openers) could fail which would result in additional costs to replace. There is also the potential that the equipment could not be used until repairs were made.

Project Alternatives
The only alternative is to do nothing. This option was not considered because upgraded services are needed to ensure the additional electric demands created by the recent additions are met. If they are not met, the risk of failures increases.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
If service is not upgraded equipment (heaters and garage door openers) could possibly fail and employees would not be able to use the equipment housed within to respond. If this were to happen, the amount of time required to respond to an issue would increase as employees would need to find a work around (e.g., borrow equipment from Alamogordo or another location).

Primary Value Driver Safety

Safety
If service is not upgraded equipment (heaters and garage door openers) could possibly fail and employees would not be able to use the equipment housed within to respond. If this were to happen, the amount of time required to respond to an issue would increase as employees would need to find a work around (e.g., borrow equipment from Alamogordo or another location).

Reliability

System Performance

Security

Compliance

Environmental

Project No:	15230621 Ruidoso Service Upgrade							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	6,421	-	-	-	-	-	-	6,421
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	5,895	-	-	-	-	-	-	5,895
370: Outside Services	60,578	-	-	-	-	-	-	60,578
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	8,220	-	-	-	-	-	-	8,220
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	481	-	-	-	-	-	-	481
914: Pension and Benefits	1,423	-	-	-	-	-	-	1,423
915: Injuries and Damages	486	-	-	-	-	-	-	486
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	798	-	-	-	-	-	-	798
922: Minor Material Load	1,093	-	-	-	-	-	-	1,093
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	4,343	-	-	-	-	-	-	4,343
928: AFUDC Debt	655	88	88	-	-	-	-	832
929: AFUDC Equity	2,034	211	212	-	-	-	-	2,456
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(27,032)	-	(62,842)	-	-	-	-	(89,874)
825: Closing Cost of Removal	-	-	-	(3,152)	-	-	-	(3,152)
Project Net	65,394	299	(62,542)	(3,152)	-	-	-	(0)

Project No:	15230621 Ruidoso Service Upgrade													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	6,421	-	-	-	-	-	-	-	-	-	-	-	-	6,421
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	5,895	-	-	-	-	-	-	-	-	-	-	-	-	5,895
370: Outside Services	60,578	-	-	-	-	-	-	-	-	-	-	-	-	60,578
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,220	-	-	-	-	-	-	-	-	-	-	-	-	8,220
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	481	-	-	-	-	-	-	-	-	-	-	-	-	481
914: Pension and Benefits	1,423	-	-	-	-	-	-	-	-	-	-	-	-	1,423
915: Injuries and Damages	486	-	-	-	-	-	-	-	-	-	-	-	-	486
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	798	-	-	-	-	-	-	-	-	-	-	-	-	798
922: Minor Material Load	1,093	-	-	-	-	-	-	-	-	-	-	-	-	1,093
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,343	-	-	-	-	-	-	-	-	-	-	-	-	4,343
928: AFUDC Debt	832	-	-	-	-	-	-	-	-	-	-	-	-	832
929: AFUDC Equity	2,456	-	-	-	-	-	-	-	-	-	-	-	-	2,456
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(89,874)	-	-	-	-	-	-	-	-	-	-	-	-	(89,874)
825: Closing Cost of Removal	(3,152)	-	-	-	-	-	-	-	-	-	-	-	-	(3,152)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	15230621 Ruidoso Service Upgrade													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	6,421	-	-	-	-	-	-	-	-	-	-	-	-	6,421
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	5,895	-	-	-	-	-	-	-	-	-	-	-	-	5,895
370: Outside Services	60,578	-	-	-	-	-	-	-	-	-	-	-	-	60,578
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,220	-	-	-	-	-	-	-	-	-	-	-	-	8,220
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	481	-	-	-	-	-	-	-	-	-	-	-	-	481
914: Pension and Benefits	1,423	-	-	-	-	-	-	-	-	-	-	-	-	1,423
915: Injuries and Damages	486	-	-	-	-	-	-	-	-	-	-	-	-	486
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	798	-	-	-	-	-	-	-	-	-	-	-	-	798
922: Minor Material Load	1,093	-	-	-	-	-	-	-	-	-	-	-	-	1,093
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	4,343	-	-	-	-	-	-	-	-	-	-	-	-	4,343
928: AFUDC Debt	832	-	-	-	-	-	-	-	-	-	-	-	-	832
929: AFUDC Equity	2,456	-	-	-	-	-	-	-	-	-	-	-	-	2,456
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(89,874)	-	-	-	-	-	-	-	-	-	-	-	-	(89,874)
825: Closing Cost of Removal	(3,152)	-	-	-	-	-	-	-	-	-	-	-	-	(3,152)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 15500107 Line Extensions - Residential

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

<u>County %</u>	Grant	91%
	Hidalgo	9%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions.

Project Alternatives
Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new home.

Primary Value Driver Compliance
Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15500107 Line Extensions - Residential							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,809,629	7,731	5,756	6,336	3,191	12,147	10,903	1,855,693
120: Overtime-General	37,913	298	222	244	123	468	421	39,690
350: Material Issues-Major	1,191,944	5,621	4,186	4,607	2,320	8,832	7,928	1,225,438
370: Outside Services	523,239	2,386	1,776	1,955	985	3,748	3,365	537,454
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,208,424	-	-	-	-	-	-	1,208,424
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,314,723)	(12,592)	(9,376)	(10,321)	(5,197)	(19,785)	(17,760)	(3,389,754)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	137,097	608	453	498	251	955	857	140,719
914: Pension and Benefits	494,216	1,728	1,287	1,416	713	2,715	2,437	504,511
915: Injuries and Damages	135,449	687	512	563	284	1,080	969	139,544
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	72,531	1,507	1,122	1,235	622	2,368	2,126	81,513
922: Minor Material Load	94,564	-	-	-	-	-	-	94,564
925: E&S Loads	563,270	2,382	1,774	1,953	983	3,743	3,360	577,465
926: A&G Loads	217,008	635	473	520	262	998	896	220,792
928: AFUDC Debt	42	-	-	-	-	-	-	42
929: AFUDC Equity	45	-	-	-	-	-	-	45
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,531,579)	(55,614)	(46,900)	(39,885)	(33,424)	(30,143)	(27,173)	(2,764,719)
825: Closing Cost of Removal	(214,123)	(22,855)	(18,918)	(15,707)	(12,978)	(11,015)	(9,367)	(304,961)
Project Net	424,947	(67,478)	(57,633)	(46,584)	(41,866)	(23,889)	(21,038)	166,460

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,855,693	16,700	7,445	6,312	12,209	7,715	10,222	7,924	5,900	6,495	3,270	12,450	11,176	1,963,511
120: Overtime-General	39,690	644	287	243	471	298	394	306	228	250	126	480	431	43,849
350: Material Issues-Major	1,225,438	12,024	5,361	4,545	8,791	5,555	7,360	5,705	4,248	4,676	2,355	8,965	8,047	1,303,070
370: Outside Services	537,454	5,103	2,275	1,929	3,731	2,358	3,124	2,421	1,803	1,985	999	3,805	3,415	570,402
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,208,424	-	-	-	-	-	-	-	-	-	-	-	-	1,208,424
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,389,754)	(26,936)	(12,008)	(10,181)	(19,693)	(12,444)	(16,488)	(12,781)	(9,517)	(10,475)	(5,275)	(20,082)	(18,026)	(3,563,659)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	140,719	1,306	582	494	955	603	799	620	461	508	256	974	874	149,151
914: Pension and Benefits	504,511	3,994	1,781	1,510	2,920	1,845	2,445	1,895	1,411	1,553	782	2,978	2,673	530,299
915: Injuries and Damages	139,544	1,726	769	652	1,262	797	1,056	819	610	671	338	1,287	1,155	150,686
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	81,513	3,408	1,520	1,288	2,492	1,575	2,086	1,617	1,204	1,326	667	2,541	2,281	103,518
922: Minor Material Load	94,564	-	-	-	-	-	-	-	-	-	-	-	-	94,564
925: E&S Loads	577,465	4,772	2,128	1,804	3,489	2,205	2,921	2,264	1,686	1,856	935	3,558	3,194	608,275
926: A&G Loads	220,792	1,238	552	468	905	572	758	587	437	481	242	923	828	228,782
928: AFUDC Debt	42	-	-	-	-	-	-	-	-	-	-	-	-	42
929: AFUDC Equity	45	-	-	-	-	-	-	-	-	-	-	-	-	45
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,764,719)	(26,080)	(23,079)	(20,361)	(19,473)	(17,722)	(16,857)	(15,625)	(14,155)	(13,084)	(11,473)	(12,240)	(12,578)	(2,967,446)
825: Closing Cost of Removal	(304,961)	(8,199)	(6,954)	(5,898)	(5,215)	(4,516)	(4,020)	(3,542)	(3,087)	(2,733)	(2,343)	(2,307)	(2,238)	(356,013)
Project Net	166,460	(10,300)	(19,343)	(17,195)	(7,156)	(11,160)	(6,199)	(7,789)	(8,770)	(6,492)	(9,120)	3,331	1,231	67,499

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,963,511	17,117	7,631	6,470	12,514	7,908	10,478	8,122	6,048	6,657	3,352	12,761	11,455	2,074,024
120: Overtime-General	43,849	660	294	250	483	305	404	313	233	257	129	492	442	48,111
350: Material Issues-Major	1,303,070	12,205	5,441	4,613	8,923	5,638	7,471	5,791	4,312	4,746	2,390	9,099	8,168	1,381,867
370: Outside Services	570,402	5,180	2,309	1,958	3,787	2,393	3,171	2,458	1,830	2,014	1,014	3,862	3,466	603,845
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,208,424	-	-	-	-	-	-	-	-	-	-	-	-	1,208,424
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,563,659)	(27,340)	(12,189)	(10,333)	(19,988)	(12,631)	(16,735)	(12,972)	(9,660)	(10,632)	(5,354)	(20,383)	(18,297)	(3,740,174)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	149,151	1,339	597	506	979	618	819	635	473	521	262	998	896	157,793
914: Pension and Benefits	530,299	4,094	1,825	1,547	2,993	1,891	2,506	1,943	1,447	1,592	802	3,052	2,740	556,732
915: Injuries and Damages	150,686	1,769	789	669	1,293	817	1,083	839	625	688	346	1,319	1,184	162,106
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	103,518	3,460	1,542	1,308	2,529	1,598	2,118	1,642	1,222	1,345	677	2,579	2,315	125,854
922: Minor Material Load	94,564	-	-	-	-	-	-	-	-	-	-	-	-	94,564
925: E&S Loads	608,275	4,872	2,172	1,841	3,562	2,251	2,982	2,312	1,721	1,895	954	3,632	3,260	639,729
926: A&G Loads	228,782	1,530	682	578	1,118	707	936	726	540	595	300	1,140	1,024	238,657
928: AFUDC Debt	42	-	-	-	-	-	-	-	-	-	-	-	-	42
929: AFUDC Equity	45	-	-	-	-	-	-	-	-	-	-	-	-	45
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,967,446)	(14,256)	(13,447)	(12,516)	(13,145)	(12,600)	(12,745)	(12,321)	(11,496)	(10,960)	(9,759)	(10,941)	(11,609)	(3,113,242)
825: Closing Cost of Removal	(356,013)	(2,373)	(2,186)	(1,995)	(2,029)	(1,912)	(1,897)	(1,811)	(1,675)	(1,582)	(1,403)	(1,551)	(1,631)	(378,058)
Project Net	67,499	8,255	(4,539)	(5,106)	3,019	(3,016)	590	(2,324)	(4,378)	(2,864)	(6,288)	6,060	3,412	60,319

Project No: 15500207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

<u>County %</u>	Grant	91%
	Hidalgo	9%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification

This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new non-residential customers.

Project Alternatives

Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach

Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit

The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15500207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,193,011	4,876	4,876	4,391	5,258	3,275	3,251	1,218,939
120: Overtime-General	68,948	162	162	146	174	109	108	69,808
350: Material Issues-Major	968,998	2,906	2,906	2,617	3,133	1,952	1,937	984,449
370: Outside Services	371,586	795	795	716	857	534	530	375,814
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	810,482	-	-	-	-	-	-	810,482
805: Land and Land Rights	535	-	-	-	-	-	-	535
807: Non Refundable Contrib	(2,284,917)	(2,382)	(2,382)	(2,145)	(2,569)	(1,600)	(1,588)	(2,297,584)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	94,355	381	381	343	411	256	254	96,383
914: Pension and Benefits	331,127	1,084	1,084	976	1,169	728	723	336,892
915: Injuries and Damages	93,194	431	431	388	465	290	288	95,487
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	65,732	779	779	702	840	523	519	69,876
922: Minor Material Load	85,633	-	-	-	-	-	-	85,633
925: E&S Loads	489,078	1,329	1,329	1,197	1,434	893	886	496,147
926: A&G Loads	173,393	346	346	312	373	232	231	175,233
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,123,227)	(4,060)	(5,240)	(5,954)	(6,880)	(6,759)	(6,654)	(2,158,773)
825: Closing Cost of Removal	(238,431)	(20,185)	(16,027)	(12,756)	(10,254)	(8,188)	(6,575)	(312,418)
Project Net	99,499	(13,537)	(10,559)	(9,067)	(5,588)	(7,755)	(6,090)	46,903

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,218,939	4,998	3,721	5,109	4,998	5,332	4,801	4,998	4,998	4,501	5,389	3,357	3,332	1,274,473
120: Overtime-General	69,808	166	123	169	166	177	159	166	166	149	179	111	110	71,649
350: Material Issues-Major	984,449	2,949	2,196	3,015	2,949	3,146	2,833	2,949	2,949	2,656	3,180	1,981	1,966	1,017,220
370: Outside Services	375,814	807	601	825	807	861	775	807	807	727	870	542	538	384,781
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	810,482	-	-	-	-	-	-	-	-	-	-	-	-	810,482
805: Land and Land Rights	535	-	-	-	-	-	-	-	-	-	-	-	-	535
807: Non Refundable Contrib	(2,297,584)	(2,418)	(1,800)	(2,472)	(2,418)	(2,579)	(2,323)	(2,418)	(2,418)	(2,178)	(2,607)	(1,624)	(1,612)	(2,324,450)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	96,383	389	289	397	389	415	374	389	389	350	419	261	259	100,703
914: Pension and Benefits	336,892	1,189	885	1,216	1,189	1,269	1,142	1,189	1,189	1,071	1,282	799	793	350,106
915: Injuries and Damages	95,487	514	383	525	514	548	494	514	514	463	554	345	343	101,196
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	69,876	836	622	855	836	892	803	836	836	753	901	562	557	79,165
922: Minor Material Load	85,633	-	-	-	-	-	-	-	-	-	-	-	-	85,633
925: E&S Loads	496,147	1,266	943	1,294	1,266	1,351	1,216	1,266	1,266	1,140	1,366	851	844	510,219
926: A&G Loads	175,233	320	238	327	320	342	308	320	320	288	345	215	213	178,791
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,158,773)	(7,323)	(7,300)	(7,874)	(8,274)	(8,729)	(8,858)	(9,042)	(9,186)	(9,085)	(9,387)	(8,754)	(8,250)	(2,260,834)
825: Closing Cost of Removal	(312,418)	(5,420)	(4,444)	(3,763)	(3,226)	(2,827)	(2,484)	(2,229)	(2,029)	(1,845)	(1,752)	(1,562)	(1,412)	(345,412)
Project Net	46,903	(1,725)	(3,542)	(376)	(484)	196	(759)	(253)	(198)	(1,009)	740	(2,917)	(2,318)	34,258

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,274,473	5,123	3,814	5,237	5,123	5,465	4,921	5,123	5,123	4,614	5,524	3,441	3,415	1,331,397
120: Overtime-General	71,649	170	126	174	170	181	163	170	170	153	183	114	113	73,536
350: Material Issues-Major	1,017,220	2,994	2,229	3,060	2,994	3,193	2,876	2,994	2,994	2,696	3,228	2,011	1,996	1,050,483
370: Outside Services	384,781	819	610	837	819	874	787	819	819	738	883	550	546	393,883
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	810,482	-	-	-	-	-	-	-	-	-	-	-	-	810,482
805: Land and Land Rights	535	-	-	-	-	-	-	-	-	-	-	-	-	535
807: Non Refundable Contrib	(2,324,450)	(2,454)	(1,827)	(2,509)	(2,454)	(2,618)	(2,358)	(2,454)	(2,454)	(2,210)	(2,646)	(1,648)	(1,636)	(2,351,719)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	100,703	399	297	407	399	425	383	399	399	359	430	268	266	105,132
914: Pension and Benefits	350,106	1,219	907	1,246	1,219	1,300	1,171	1,219	1,219	1,098	1,314	819	813	363,650
915: Injuries and Damages	101,196	527	392	538	527	562	506	527	527	474	568	354	351	107,048
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	79,165	849	632	867	849	905	815	849	849	764	915	570	566	88,594
922: Minor Material Load	85,633	-	-	-	-	-	-	-	-	-	-	-	-	85,633
925: E&S Loads	510,219	1,294	963	1,322	1,294	1,380	1,243	1,294	1,294	1,165	1,395	869	863	524,594
926: A&G Loads	178,791	396	295	405	396	423	380	396	396	357	427	266	264	183,192
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,260,834)	(8,629)	(8,364)	(8,767)	(9,033)	(9,386)	(9,429)	(9,549)	(9,642)	(9,497)	(9,774)	(9,097)	(8,559)	(2,370,561)
825: Closing Cost of Removal	(345,412)	(1,401)	(1,315)	(1,332)	(1,338)	(1,363)	(1,351)	(1,353)	(1,354)	(1,326)	(1,357)	(1,259)	(1,182)	(361,342)
Project Net	34,258	1,304	(1,242)	1,486	963	1,341	108	433	337	(616)	1,091	(2,744)	(2,184)	34,535

Project No: 15500507 Lighting
Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

<u>County %</u>	Grant	91%
	Hidalgo	9%

Estimated Start Date 2/21/2007
Estimated Completion Date 12/31/2027

Description

This project includes costs for the installation, relocation, removal or replacement of PNM owned street lighting and floodlighting and the removal or replacement of private area lighting. This work includes poles, light fixtures, wiring, and ancillary lighting equipment. The poles may be either wood or aluminum ranging in size from 30 to 45 feet. Fixtures include high pressure sodium lights ranging from 70 to 400 watts per fixture and LED lights ranging from 25 to 300 watts. For PNM owned streetlights, this will include the installation of 150 feet of service wire and the luminaire. All street lighting and floodlighting systems installed will adhere to PNM equipment standards provided in Rate Schedule 20 allowing for efficient and effective maintenance in the future.

Project Need Justification

This project provides the funds necessary to meet PNM’s contractual obligations with municipal corporations and subdivisions within the state of New Mexico and service requirements allowed under the rate schedules. This project will allow PNM to install streetlighting and flood lighting systems in accordance with PNM Rate Schedule 20 Integrated System Streetlighting and Flood Lighting Service – New Installations and PNM Rate Schedule 6 Private Area Lighting Service.

Project Alternatives

Because of these contractual obligations and requirements under the rate schedules, there are no other alternative methods for this project. Under Rate Schedule 20, customers have the option to own streetlights and pay PNM or a contractor for their installation, or to request that PNM install and own the lights. Customers may request installation of LED lights, high pressure sodium lights, or LED operational substitutes for converting existing mercury vapor, high pressure sodium, or low pressure sodium lights. Under Rate Schedule 6 and the terms of the Agreement for Lighting Service thereunder, private lights are removed at the customer’s request and at PNM’s costs. PNM must honor installation requests under PNM Rate 20.

Project Estimate Approach

Historical spend in this funding project was analyzed to develop this project’s estimated future spend. This blanket’s project spend forecast is prepared by escalating the most recent 12-month actual spend by labor and non-labor escalation rates.

Customer Benefit

The customer benefit from this project is electric service for their streetlighting and floodlighting needs.

Primary Value Driver Compliance
Safety This project includes the installation of new and replacement of damage streetlighting facilities thus supporting and restoring the public safety benefits of streetlighting and floodlighting.

Reliability

System Performance

Security

Compliance This project is implemented in accordance with PNM Rate Schedule 20 - Integrated System StreetLighting and Floodlighting Service, and PNM Rate Schedule 6 - Private Area Lighting Service and new installations.

Environmental

Project No:	15500507 Lighting							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	172,719	-	-	-	-	-	-	172,719
120: Overtime-General	840	-	-	-	-	-	-	840
350: Material Issues-Major	183,316	1,651	855	989	1,276	1,600	930	190,617
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	104,999	-	-	-	-	-	-	104,999
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(9,103)	-	-	-	-	-	-	(9,103)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	12,637	-	-	-	-	-	-	12,637
914: Pension and Benefits	49,169	-	-	-	-	-	-	49,169
915: Injuries and Damages	13,117	-	-	-	-	-	-	13,117
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	9,129	443	229	265	342	429	249	11,087
922: Minor Material Load	14,902	-	-	-	-	-	-	14,902
925: E&S Loads	61,619	206	107	124	159	200	116	62,532
926: A&G Loads	22,667	65	34	39	51	63	37	22,956
928: AFUDC Debt	285	-	-	-	-	-	-	285
929: AFUDC Equity	52	-	-	-	-	-	-	52
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(542,149)	(520)	(660)	(806)	(1,007)	(1,260)	(1,238)	(547,640)
825: Closing Cost of Removal	(94,201)	(71)	(90)	(110)	(137)	(172)	(169)	(94,950)
Project Net	-	1,774	475	500	684	861	(74)	4,220

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	172,719	-	-	-	-	-	-	-	-	-	-	-	-	172,719
120: Overtime-General	840	-	-	-	-	-	-	-	-	-	-	-	-	840
350: Material Issues-Major	190,617	1,295	1,937	1,295	1,962	804	1,489	1,676	868	1,004	1,295	1,624	944	206,808
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	104,999	-	-	-	-	-	-	-	-	-	-	-	-	104,999
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(9,103)	-	-	-	-	-	-	-	-	-	-	-	-	(9,103)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	12,637	-	-	-	-	-	-	-	-	-	-	-	-	12,637
914: Pension and Benefits	49,169	-	-	-	-	-	-	-	-	-	-	-	-	49,169
915: Injuries and Damages	13,117	-	-	-	-	-	-	-	-	-	-	-	-	13,117
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	11,087	367	549	367	556	228	422	475	246	285	367	460	268	15,676
922: Minor Material Load	14,902	-	-	-	-	-	-	-	-	-	-	-	-	14,902
925: E&S Loads	62,532	149	223	149	226	92	171	193	100	115	149	187	109	64,394
926: A&G Loads	22,956	46	70	46	70	29	53	60	31	36	46	58	34	23,538
928: AFUDC Debt	285	-	-	-	-	-	-	-	-	-	-	-	-	285
929: AFUDC Equity	52	-	-	-	-	-	-	-	-	-	-	-	-	52
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(547,640)	(1,070)	(1,345)	(1,403)	(1,617)	(1,497)	(1,573)	(1,682)	(1,564)	(1,505)	(1,531)	(1,635)	(1,546)	(565,606)
825: Closing Cost of Removal	(94,950)	(146)	(183)	(191)	(221)	(204)	(215)	(229)	(213)	(205)	(209)	(223)	(211)	(97,399)
Project Net	4,220	642	1,250	264	976	(548)	347	493	(533)	(270)	118	472	(403)	7,027

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	172,719	-	-	-	-	-	-	-	-	-	-	-	-	172,719
120: Overtime-General	840	-	-	-	-	-	-	-	-	-	-	-	-	840
350: Material Issues-Major	206,808	1,315	1,966	1,315	1,991	816	1,511	1,701	881	1,019	1,315	1,648	958	223,242
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	104,999	-	-	-	-	-	-	-	-	-	-	-	-	104,999
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(9,103)	-	-	-	-	-	-	-	-	-	-	-	-	(9,103)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	12,637	-	-	-	-	-	-	-	-	-	-	-	-	12,637
914: Pension and Benefits	49,169	-	-	-	-	-	-	-	-	-	-	-	-	49,169
915: Injuries and Damages	13,117	-	-	-	-	-	-	-	-	-	-	-	-	13,117
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,676	373	557	373	564	231	428	482	250	289	373	467	272	20,334
922: Minor Material Load	14,902	-	-	-	-	-	-	-	-	-	-	-	-	14,902
925: E&S Loads	64,394	151	226	151	229	94	174	196	101	117	151	190	110	66,284
926: A&G Loads	23,538	57	86	57	87	35	66	74	38	44	57	72	42	24,253
928: AFUDC Debt	285	-	-	-	-	-	-	-	-	-	-	-	-	285
929: AFUDC Equity	52	-	-	-	-	-	-	-	-	-	-	-	-	52
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(565,606)	(1,570)	(1,755)	(1,738)	(1,896)	(1,723)	(1,762)	(1,841)	(1,697)	(1,616)	(1,626)	(1,719)	(1,619)	(586,169)
825: Closing Cost of Removal	(97,399)	(214)	(239)	(237)	(258)	(235)	(240)	(251)	(231)	(220)	(222)	(234)	(221)	(100,203)
Project Net	7,027	111	840	(79)	717	(782)	176	360	(658)	(367)	47	423	(458)	7,357

Project No: 15500607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

<u>County %</u>	Grant	91%
	Hidalgo	9%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include, but are not limited to, the design, installation, and removal of wire, poles, pole hardware (including insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification

This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives

This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach

Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit

Customers benefit through outage restoration and increased reliability by maintaining system integrity through the replacement of damaged equipment and equipment taken out of service by storms or other events.

Primary Value Driver Compliance

Safety

Reliability

Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events thus improving the distribution system integrity and reliability.

System Performance

Security

Compliance

Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	15500607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,180,639	7,572	6,135	5,799	6,641	6,700	3,348	2,216,835
120: Overtime-General	327,608	2,320	1,880	1,777	2,035	2,053	1,026	338,700
350: Material Issues-Major	1,013,853	3,685	2,986	2,823	3,232	3,261	1,629	1,031,469
370: Outside Services	1,203,397	5,976	4,843	4,577	5,242	5,288	2,642	1,231,966
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,818,815	99	81	76	87	88	44	1,819,290
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(466,871)	-	-	-	-	-	-	(466,871)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	186,158	749	607	574	657	663	331	189,738
914: Pension and Benefits	658,983	2,129	1,725	1,630	1,867	1,884	941	669,159
915: Injuries and Damages	189,138	847	686	649	743	749	374	193,186
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	86,254	988	801	757	867	874	437	90,977
922: Minor Material Load	122,954	-	-	-	-	-	-	122,954
925: E&S Loads	833,530	2,922	2,368	2,238	2,563	2,586	1,292	847,499
926: A&G Loads	306,972	778	631	596	683	689	344	310,693
928: AFUDC Debt	48	-	-	-	-	-	-	48
929: AFUDC Equity	11	-	-	-	-	-	-	11
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,760,495)	(84,555)	(76,810)	(69,863)	(64,079)	(59,012)	(53,241)	(6,168,057)
825: Closing Cost of Removal	(1,843,369)	(21,728)	(19,448)	(17,424)	(15,687)	(14,162)	(12,642)	(1,944,459)
Project Net	857,627	(78,217)	(73,516)	(65,791)	(55,150)	(48,340)	(53,474)	483,140

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,216,835	16,689	6,526	6,695	7,788	4,774	7,696	7,761	6,289	5,944	6,807	6,867	3,431	2,304,102
120: Overtime-General	338,700	5,114	2,000	2,052	2,386	1,463	2,358	2,378	1,927	1,822	2,086	2,104	1,052	365,442
350: Material Issues-Major	1,031,469	8,043	3,145	3,227	3,753	2,301	3,709	3,741	3,031	2,865	3,281	3,310	1,654	1,073,528
370: Outside Services	1,231,966	13,044	5,101	5,233	6,087	3,731	6,015	6,066	4,915	4,646	5,321	5,367	2,682	1,300,174
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,819,290	217	85	87	101	62	100	101	82	77	89	89	45	1,820,426
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(466,871)	-	-	-	-	-	-	-	-	-	-	-	-	(466,871)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	189,738	1,642	642	659	766	470	757	764	619	585	670	676	338	198,323
914: Pension and Benefits	669,159	5,021	1,963	2,014	2,343	1,436	2,315	2,335	1,892	1,788	2,048	2,066	1,032	695,416
915: Injuries and Damages	193,186	2,169	848	870	1,012	621	1,000	1,009	817	773	885	893	446	204,530
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	90,977	2,280	892	915	1,064	652	1,051	1,060	859	812	930	938	469	102,899
922: Minor Material Load	122,954	-	-	-	-	-	-	-	-	-	-	-	-	122,954
925: E&S Loads	847,499	5,973	2,336	2,396	2,787	1,709	2,754	2,778	2,251	2,128	2,436	2,458	1,228	878,732
926: A&G Loads	310,693	1,548	605	621	722	443	714	720	583	551	631	637	318	318,785
928: AFUDC Debt	48	-	-	-	-	-	-	-	-	-	-	-	-	48
929: AFUDC Equity	11	-	-	-	-	-	-	-	-	-	-	-	-	11
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,168,057)	(53,372)	(49,517)	(46,190)	(43,690)	(40,312)	(38,481)	(36,895)	(34,925)	(33,056)	(31,749)	(30,622)	(28,288)	(6,635,151)
825: Closing Cost of Removal	(1,944,459)	(12,014)	(10,920)	(9,966)	(9,185)	(8,337)	(7,747)	(7,230)	(6,698)	(6,211)	(5,828)	(5,495)	(5,018)	(2,039,107)
Project Net	483,140	(3,645)	(36,294)	(31,389)	(24,064)	(30,987)	(17,758)	(15,414)	(18,357)	(17,276)	(12,393)	(10,711)	(20,611)	244,241

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,304,102	17,106	6,689	6,862	7,982	4,894	7,888	7,955	6,446	6,093	6,977	7,039	3,517	2,393,551
120: Overtime-General	365,442	5,242	2,050	2,103	2,446	1,500	2,417	2,438	1,975	1,867	2,138	2,157	1,078	392,853
350: Material Issues-Major	1,073,528	8,164	3,192	3,275	3,810	2,335	3,765	3,797	3,076	2,908	3,330	3,359	1,679	1,116,218
370: Outside Services	1,300,174	13,240	5,177	5,311	6,178	3,787	6,105	6,157	4,989	4,716	5,400	5,448	2,722	1,369,405
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,820,426	220	86	88	103	63	102	102	83	78	90	91	45	1,821,578
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(466,871)	-	-	-	-	-	-	-	-	-	-	-	-	(466,871)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	198,323	1,683	658	675	785	481	776	783	634	599	686	692	346	207,122
914: Pension and Benefits	695,416	5,147	2,013	2,065	2,402	1,472	2,373	2,393	1,939	1,833	2,099	2,118	1,058	722,328
915: Injuries and Damages	204,530	2,224	870	892	1,038	636	1,025	1,034	838	792	907	915	457	216,157
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	102,899	2,314	905	928	1,080	662	1,067	1,076	872	824	944	952	476	115,000
922: Minor Material Load	122,954	-	-	-	-	-	-	-	-	-	-	-	-	122,954
925: E&S Loads	878,732	6,098	2,384	2,446	2,846	1,744	2,812	2,836	2,298	2,172	2,487	2,509	1,254	910,619
926: A&G Loads	318,785	1,913	748	767	893	547	882	890	721	681	780	787	393	328,787
928: AFUDC Debt	48	-	-	-	-	-	-	-	-	-	-	-	-	48
929: AFUDC Equity	11	-	-	-	-	-	-	-	-	-	-	-	-	11
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,635,151)	(31,583)	(30,409)	(29,443)	(29,032)	(27,462)	(27,251)	(27,092)	(26,362)	(25,581)	(25,240)	(24,964)	(23,344)	(6,962,914)
825: Closing Cost of Removal	(2,039,107)	(5,328)	(5,045)	(4,806)	(4,655)	(4,357)	(4,255)	(4,169)	(4,012)	(3,856)	(3,765)	(3,689)	(3,434)	(2,090,477)
Project Net	244,241	26,439	(10,683)	(8,836)	(4,125)	(13,696)	(2,294)	(1,800)	(6,502)	(6,873)	(3,165)	(2,585)	(13,752)	196,369

Project No: 15500707 Distr. System Improvements

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

<u>County %</u>	Grant	91%
	Hidalgo	9%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements which may include the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements may include new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisition (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. The project also improves system reliability by adding equipment and components, which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	15500707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,682,339	10,359	10,459	9,190	11,613	10,938	7,734	1,742,632
120: Overtime-General	52,679	219	221	194	245	231	163	53,953
350: Material Issues-Major	1,329,815	4,476	4,519	3,970	5,017	4,726	3,341	1,355,864
370: Outside Services	513,474	2,731	2,757	2,423	3,062	2,884	2,039	529,370
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	180	-	-	-	-	-	-	180
610: Expenses - General	1,123,918	13,800	13,800	13,800	13,800	13,800	13,800	1,206,718
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(173,002)	-	-	-	-	-	-	(173,002)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	128,214	801	809	710	898	846	598	132,874
914: Pension and Benefits	455,059	2,276	2,298	2,019	2,552	2,404	1,699	468,308
915: Injuries and Damages	122,386	905	914	803	1,015	956	676	127,656
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	83,716	1,200	1,212	1,065	1,345	1,267	896	90,701
922: Minor Material Load	118,098	-	-	-	-	-	-	118,098
925: E&S Loads	658,247	4,446	4,472	4,139	4,775	4,598	3,756	684,434
926: A&G Loads	263,230	1,251	1,258	1,171	1,336	1,290	1,072	270,608
928: AFUDC Debt	84,374	144	177	205	231	256	273	85,660
929: AFUDC Equity	114,952	346	425	491	554	615	655	118,040
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,650,990)	(14,592)	(17,424)	(19,586)	(22,152)	(24,238)	(115,587)	(5,864,569)
825: Closing Cost of Removal	(780,771)	(5,673)	(5,607)	(5,503)	(5,500)	(5,473)	(24,435)	(832,963)
Project Net	125,919	22,689	20,290	15,091	18,792	15,101	(103,319)	114,563

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,742,632	29,643	7,269	7,563	10,270	11,456	10,013	10,618	10,721	9,420	11,904	11,212	7,927	1,880,648
120: Overtime-General	53,953	626	154	160	217	242	212	224	227	199	251	237	167	56,869
350: Material Issues-Major	1,355,864	12,682	3,110	3,236	4,394	4,901	4,284	4,543	4,587	4,030	5,093	4,797	3,391	1,414,911
370: Outside Services	529,370	7,739	1,898	1,975	2,681	2,991	2,614	2,772	2,799	2,459	3,108	2,927	2,069	565,400
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	180	-	-	-	-	-	-	-	-	-	-	-	-	180
610: Expenses - General	1,206,718	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	1,374,718
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(173,002)	-	-	-	-	-	-	-	-	-	-	-	-	(173,002)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	132,874	2,279	559	582	790	881	770	816	824	724	915	862	610	143,486
914: Pension and Benefits	468,308	6,971	1,710	1,779	2,415	2,694	2,355	2,497	2,521	2,215	2,799	2,637	1,864	500,764
915: Injuries and Damages	127,656	3,012	739	768	1,043	1,164	1,017	1,079	1,089	957	1,209	1,139	805	141,679
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	90,701	3,595	882	917	1,245	1,389	1,214	1,288	1,300	1,142	1,444	1,360	961	107,439
922: Minor Material Load	118,098	-	-	-	-	-	-	-	-	-	-	-	-	118,098
925: E&S Loads	684,434	8,850	3,385	3,457	4,118	4,408	4,055	4,203	4,228	3,911	4,517	4,348	3,546	737,460
926: A&G Loads	270,608	2,322	949	967	1,133	1,206	1,117	1,154	1,161	1,081	1,233	1,191	989	285,112
928: AFUDC Debt	85,660	287	361	381	406	436	462	483	503	518	535	553	560	91,146
929: AFUDC Equity	118,040	366	461	486	518	556	589	616	642	661	682	706	714	125,038
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,864,569)	(21,112)	(22,337)	(23,499)	(25,258)	(27,133)	(28,401)	(29,687)	(30,851)	(31,529)	(32,799)	(33,735)	(154,351)	(6,325,261)
825: Closing Cost of Removal	(832,963)	(3,720)	(3,772)	(3,830)	(3,979)	(4,155)	(4,256)	(4,367)	(4,469)	(4,511)	(4,638)	(4,726)	(21,458)	(900,843)
Project Net	114,563	67,540	9,367	8,942	13,993	15,036	10,045	10,240	9,283	5,279	10,253	7,507	(138,204)	143,844

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,880,648	30,385	7,451	7,753	10,527	11,742	10,263	10,883	10,989	9,655	12,201	11,492	8,125	2,022,114
120: Overtime-General	56,869	642	157	164	222	248	217	230	232	204	258	243	172	59,858
350: Material Issues-Major	1,414,911	12,872	3,157	3,284	4,460	4,975	4,348	4,611	4,655	4,090	5,169	4,869	3,442	1,474,843
370: Outside Services	565,400	7,855	1,926	2,004	2,721	3,035	2,653	2,814	2,841	2,496	3,154	2,971	2,100	601,971
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	180	-	-	-	-	-	-	-	-	-	-	-	-	180
610: Expenses - General	1,374,718	14,200	14,200	14,200	14,200	14,200	14,200	14,200	14,200	14,200	14,200	14,200	14,200	1,545,118
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(173,002)	-	-	-	-	-	-	-	-	-	-	-	-	(173,002)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	143,486	2,336	573	596	809	903	789	837	845	742	938	884	625	154,364
914: Pension and Benefits	500,764	7,145	1,752	1,823	2,476	2,761	2,414	2,559	2,584	2,271	2,869	2,703	1,911	534,032
915: Injuries and Damages	141,679	3,087	757	788	1,070	1,193	1,043	1,106	1,116	981	1,240	1,168	826	156,052
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	107,439	3,649	895	931	1,264	1,410	1,233	1,307	1,320	1,159	1,465	1,380	976	124,427
922: Minor Material Load	118,098	-	-	-	-	-	-	-	-	-	-	-	-	118,098
925: E&S Loads	737,460	9,030	3,447	3,520	4,196	4,492	4,132	4,283	4,308	3,984	4,603	4,431	3,611	791,496
926: A&G Loads	285,112	2,869	1,170	1,192	1,398	1,488	1,378	1,424	1,432	1,333	1,522	1,469	1,220	303,006
928: AFUDC Debt	91,146	301	360	372	388	410	429	444	459	469	481	495	499	96,252
929: AFUDC Equity	125,038	522	624	644	673	711	743	769	795	813	834	858	865	133,888
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,325,261)	(25,187)	(26,030)	(26,857)	(28,338)	(29,977)	(31,026)	(32,122)	(33,119)	(33,641)	(34,790)	(35,615)	(162,405)	(6,824,368)
825: Closing Cost of Removal	(900,843)	(3,461)	(3,557)	(3,652)	(3,838)	(4,046)	(4,175)	(4,311)	(4,435)	(4,495)	(4,641)	(4,744)	(21,590)	(967,790)
Project Net	143,844	66,246	6,882	6,762	12,227	13,544	8,640	9,033	8,221	4,262	9,503	6,802	(145,425)	150,541

Project No: 15500807 Services

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

County %	Grant	91%
	Hidalgo	9%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project covers the expenses for the installation, connection, and in the case of service retirement, disconnection and removal, of PNM customer access or "services" in Grant County. Services include overhead and underground conductors connecting the PNM distribution system to the customer. Materials to be purchased include overhead and underground service wires and associated connecting or terminating equipment.

Project Need Justification
PNM is obligated to serve customers within its service territory. PNM and the customers' service cost responsibilities are defined within PNM's Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210. This project covers the expenses associated with labor, materials, outside services (contractors), and transportation required for PNM to meet its obligation to serve customers by either connecting or disconnecting electrical service to customer facilities.

Project Alternatives
As PNM is obligated to serve customers in its territory there are few alternatives to this project. However, if a customer prefers a more expensive connection to PNM's distribution network (e.g., if a residential customer in an area served by overhead lines prefers an underground service) the customer must provide the service wires per PNM rules and is response for covering a portion of the increased costs.

Project Estimate Approach
Since the amount, length, and types of services to be installed each year is unknown at the time of budget preparation, the budget is estimated by applying escalation factors to historical spend for similar activities. The initial budget for this project was developed by cost escalation factors to the most recent 12-month actual spend. An adjustment was made to the actual spend to account for expected cost increases for a planned change in the installation practice for residential underground services from direct buried wired to installation of service wire in conduit. Labor and non-labor cost components are escalated using customary annual expected cost increase percentages supplied by PNM Budget.

Customer Benefit
This project provides funding for customers services and connections enabling power delivery to customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Enables PNM's compliance with Rules and Regulations, specifically Rules 15, 16 and 18 with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15500807 Services							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,069,318	9,752	9,839	10,281	10,285	10,506	10,174	2,130,153
120: Overtime-General	84,000	301	303	317	317	324	314	85,876
350: Material Issues-Major	355,277	692	698	729	730	745	722	359,592
370: Outside Services	298,635	898	906	947	947	968	937	304,240
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,304,414	7	7	7	7	8	7	1,304,458
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(26,417)	-	-	-	-	-	-	(26,417)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	159,317	761	768	802	803	820	794	164,064
914: Pension and Benefits	566,500	2,163	2,183	2,281	2,282	2,331	2,257	579,995
915: Injuries and Damages	154,460	860	868	907	908	927	898	159,828
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,574	186	187	196	196	200	194	9,732
922: Minor Material Load	4,629	-	-	-	-	-	-	4,629
925: E&S Loads	495,327	1,929	1,946	2,034	2,035	2,078	2,013	507,363
926: A&G Loads	179,263	461	465	486	487	497	481	182,141
928: AFUDC Debt	23,792	-	-	-	-	-	-	23,792
929: AFUDC Equity	5,887	-	-	-	-	-	-	5,887
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,836,520)	(43,958)	(39,763)	(36,305)	(33,366)	(30,923)	(28,764)	(5,049,599)
825: Closing Cost of Removal	(566,880)	(680)	(905)	(1,111)	(1,287)	(1,443)	(1,565)	(573,871)
Project Net	279,577	(26,628)	(22,497)	(18,428)	(15,658)	(12,963)	(11,539)	171,864

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,130,153	23,758	9,137	9,937	10,537	10,383	10,339	9,996	10,085	10,538	10,542	10,768	10,428	2,266,600
120: Overtime-General	85,876	733	282	306	325	320	319	308	311	325	325	332	322	90,083
350: Material Issues-Major	359,592	1,669	642	698	740	729	726	702	708	740	741	756	733	369,178
370: Outside Services	304,240	2,167	833	906	961	947	943	912	920	961	962	982	951	316,687
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,304,458	17	7	7	8	7	7	7	7	8	8	8	7	1,304,556
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(26,417)	-	-	-	-	-	-	-	-	-	-	-	-	(26,417)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	164,064	1,844	709	771	818	806	803	776	783	818	818	836	809	174,656
914: Pension and Benefits	579,995	5,640	2,169	2,359	2,502	2,465	2,454	2,373	2,394	2,502	2,503	2,556	2,476	612,388
915: Injuries and Damages	159,828	2,437	937	1,019	1,081	1,065	1,060	1,025	1,034	1,081	1,081	1,104	1,070	173,823
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,732	473	182	198	210	207	206	199	201	210	210	214	208	12,449
922: Minor Material Load	4,629	-	-	-	-	-	-	-	-	-	-	-	-	4,629
925: E&S Loads	507,363	4,400	1,692	1,841	1,952	1,923	1,915	1,851	1,868	1,952	1,953	1,994	1,931	532,636
926: A&G Loads	182,141	1,018	391	426	451	445	443	428	432	451	452	461	447	187,985
928: AFUDC Debt	23,792	-	-	-	-	-	-	-	-	-	-	-	-	23,792
929: AFUDC Equity	5,887	-	-	-	-	-	-	-	-	-	-	-	-	5,887
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,049,599)	(30,278)	(27,978)	(26,219)	(24,871)	(23,688)	(22,671)	(21,723)	(20,938)	(20,383)	(19,912)	(19,567)	(19,190)	(5,327,018)
825: Closing Cost of Removal	(573,871)	(2,125)	(2,112)	(2,127)	(2,161)	(2,184)	(2,202)	(2,206)	(2,213)	(2,233)	(2,251)	(2,274)	(2,281)	(600,241)
Project Net	171,864	11,753	(13,109)	(9,878)	(7,448)	(6,574)	(5,658)	(5,352)	(4,408)	(3,030)	(2,570)	(3,827)	(2,090)	121,672

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,266,600	24,352	9,365	10,185	10,801	10,643	10,597	10,245	10,337	10,802	10,805	11,037	10,689	2,406,458
120: Overtime-General	90,083	751	289	314	333	328	327	316	319	333	333	340	330	94,395
350: Material Issues-Major	369,178	1,694	651	709	751	740	737	713	719	751	752	768	744	378,907
370: Outside Services	316,687	2,167	833	906	961	947	943	912	920	961	962	982	951	329,134
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,304,556	17	7	7	8	8	8	7	7	8	8	8	8	1,304,655
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(26,417)	-	-	-	-	-	-	-	-	-	-	-	-	(26,417)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	174,656	1,890	727	791	838	826	823	795	802	838	839	857	830	185,512
914: Pension and Benefits	612,388	5,781	2,223	2,418	2,564	2,527	2,516	2,432	2,454	2,564	2,565	2,620	2,537	645,590
915: Injuries and Damages	173,823	2,498	961	1,045	1,108	1,092	1,087	1,051	1,060	1,108	1,108	1,132	1,096	188,168
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	12,449	480	185	201	213	210	209	202	204	213	213	218	211	15,207
922: Minor Material Load	4,629	-	-	-	-	-	-	-	-	-	-	-	-	4,629
925: E&S Loads	532,636	4,502	1,731	1,883	1,997	1,968	1,959	1,894	1,911	1,997	1,998	2,041	1,976	558,494
926: A&G Loads	187,985	1,261	485	527	559	551	549	530	535	559	559	571	553	195,226
928: AFUDC Debt	23,792	-	-	-	-	-	-	-	-	-	-	-	-	23,792
929: AFUDC Equity	5,887	-	-	-	-	-	-	-	-	-	-	-	-	5,887
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,327,018)	(22,304)	(21,262)	(20,579)	(20,150)	(19,746)	(19,392)	(19,004)	(18,697)	(18,550)	(18,426)	(18,378)	(18,251)	(5,561,758)
825: Closing Cost of Removal	(600,241)	(2,756)	(2,657)	(2,600)	(2,573)	(2,544)	(2,518)	(2,484)	(2,458)	(2,452)	(2,447)	(2,450)	(2,441)	(630,620)
Project Net	121,672	20,334	(6,462)	(4,193)	(2,589)	(2,451)	(2,155)	(2,390)	(1,887)	(867)	(731)	(254)	(768)	117,258

Project No: 15500907 Transformers
Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

County %	Grant	91%
	Hidalgo	9%

Estimated Start Date 1/1/2007
Estimated Completion Date 12/31/2027

Description
 This project involves the purchase and installation of distribution transformers that manage voltage levels within usual and customary ranges usable by customers. Usual and customary voltages range between 120 volts for some residential customers up to 13,800 volts for some commercial or industrial customers.

Project Need Justification
 PNM is obligated to provide service to new and existing customers as load grows. New or increased load may impact voltages on the existing distribution system, and when it does, PNM is obligated to maintain equitable service to existing customers whose electrical service may be impacted by the new or increased load. This project enables PNM to meet its obligation by purchasing transformers necessary to service new and existing customers to meet load and prevent failure caused by new or increased load on the distribution system.

Project Alternatives
 This project is necessary to meet new or growing customer needs. Consideration will be given to deciding between serving new customers from existing transformers or installing new transformers to meet voltage and load demands. Outside of these parameters, there are no other alternatives.

Project Estimate Approach
 The specific work items for this project will not be known until customer requests for new or upgraded service are received during the budget year. As a result, expense forecasts are developed from historical activity regarding costs of transformers coupled with labor costs for installation or exchange of transformers. The initial budget for this project was developed by applying labor and non-labor cost escalation factors based on the most recent 12-month actual spend.

Customer Benefit
 Customers benefit either by providing new or increased electricity service, or by maintenance of usual an customary voltages for existing customers near new load.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance This project ensures PNM's continued compliance with Rule 15 of the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	15500907 Transformers							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	351,813	1,557	1,749	1,457	1,765	2,141	2,579	363,060
120: Overtime-General	108,358	240	270	225	273	331	398	110,095
350: Material Issues-Major	2,905,061	11,475	12,891	10,739	13,010	15,780	19,013	2,987,969
370: Outside Services	15,110	-	-	-	-	-	-	15,110
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	319,022	7	8	7	8	10	12	319,074
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(123,491)	-	-	-	-	-	-	(123,491)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,971	136	153	127	154	187	225	34,954
914: Pension and Benefits	120,089	387	434	362	438	532	641	122,883
915: Injuries and Damages	34,108	154	173	144	174	212	255	35,219
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	49,807	3,077	3,457	2,880	3,489	4,231	5,098	72,038
922: Minor Material Load	4,706	-	-	-	-	-	-	4,706
925: E&S Loads	516,576	1,744	1,960	1,633	1,978	2,399	2,890	529,179
926: A&G Loads	218,693	526	591	492	596	723	871	222,492
928: AFUDC Debt	46	-	-	-	-	-	-	46
929: AFUDC Equity	70	-	-	-	-	-	-	70
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,270,157)	(16,296)	(17,494)	(16,808)	(17,862)	(20,226)	(23,631)	(4,382,473)
825: Closing Cost of Removal	(234,955)	(13,000)	(8,529)	(5,794)	(4,432)	(3,896)	(3,871)	(274,477)
Project Net	48,828	(9,993)	(4,339)	(4,536)	(408)	2,423	4,481	36,456

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	363,060	3,261	1,134	1,300	1,254	1,424	1,665	1,596	1,792	1,493	1,809	2,194	2,644	384,626
120: Overtime-General	110,095	504	175	201	194	220	257	246	277	231	279	339	408	113,426
350: Material Issues-Major	2,987,969	23,806	8,276	9,490	9,156	10,398	12,153	11,647	13,084	10,900	13,205	16,016	19,298	3,145,400
370: Outside Services	15,110	-	-	-	-	-	-	-	-	-	-	-	-	15,110
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	319,074	15	5	6	6	6	8	7	8	7	8	10	12	319,172
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(123,491)	-	-	-	-	-	-	-	-	-	-	-	-	(123,491)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	34,954	283	99	113	109	124	145	139	156	130	157	191	230	36,829
914: Pension and Benefits	122,883	867	301	346	333	379	443	424	477	397	481	583	703	128,617
915: Injuries and Damages	35,219	375	130	149	144	164	191	183	206	172	208	252	304	37,696
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	72,038	6,748	2,346	2,690	2,595	2,947	3,445	3,302	3,709	3,090	3,743	4,540	5,470	116,664
922: Minor Material Load	4,706	-	-	-	-	-	-	-	-	-	-	-	-	4,706
925: E&S Loads	529,179	3,348	1,164	1,335	1,288	1,462	1,709	1,638	1,840	1,533	1,857	2,252	2,714	551,318
926: A&G Loads	222,492	990	344	395	381	433	506	485	544	453	549	666	803	229,041
928: AFUDC Debt	46	-	-	-	-	-	-	-	-	-	-	-	-	46
929: AFUDC Equity	70	-	-	-	-	-	-	-	-	-	-	-	-	70
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,382,473)	(28,680)	(21,636)	(18,396)	(16,336)	(15,955)	(16,859)	(17,052)	(18,079)	(17,270)	(18,281)	(20,654)	(24,103)	(4,615,773)
825: Closing Cost of Removal	(274,477)	(4,281)	(3,161)	(2,629)	(2,296)	(2,215)	(2,321)	(2,338)	(2,473)	(2,359)	(2,495)	(2,818)	(3,288)	(307,149)
Project Net	36,456	7,236	(10,822)	(5,000)	(3,172)	(613)	1,340	277	1,541	(1,223)	1,521	3,572	5,195	36,308

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	384,626	3,343	1,162	1,333	1,286	1,460	1,706	1,635	1,837	1,531	1,854	2,249	2,710	406,731
120: Overtime-General	113,426	516	180	206	199	226	264	253	284	236	286	347	419	116,841
350: Material Issues-Major	3,145,400	24,163	8,400	9,633	9,293	10,554	12,335	11,822	13,280	11,064	13,403	16,257	19,588	3,305,192
370: Outside Services	15,110	-	-	-	-	-	-	-	-	-	-	-	-	15,110
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	319,172	15	5	6	6	6	8	7	8	7	8	10	12	319,270
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(123,491)	-	-	-	-	-	-	-	-	-	-	-	-	(123,491)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	36,829	291	101	116	112	127	148	142	160	133	161	196	236	38,750
914: Pension and Benefits	128,617	889	309	354	342	388	454	435	488	407	493	598	720	134,494
915: Injuries and Damages	37,696	384	133	153	148	168	196	188	211	176	213	258	311	40,236
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	116,664	6,849	2,381	2,730	2,634	2,992	3,497	3,351	3,764	3,136	3,799	4,608	5,552	161,958
922: Minor Material Load	4,706	-	-	-	-	-	-	-	-	-	-	-	-	4,706
925: E&S Loads	551,318	3,404	1,183	1,357	1,309	1,487	1,738	1,665	1,871	1,559	1,888	2,290	2,759	573,829
926: A&G Loads	229,041	1,220	424	486	469	533	623	597	670	558	677	821	989	237,106
928: AFUDC Debt	46	-	-	-	-	-	-	-	-	-	-	-	-	46
929: AFUDC Equity	70	-	-	-	-	-	-	-	-	-	-	-	-	70
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,615,773)	(29,281)	(22,093)	(18,789)	(16,687)	(16,300)	(17,225)	(17,422)	(18,473)	(17,646)	(18,679)	(21,104)	(24,628)	(4,854,101)
825: Closing Cost of Removal	(307,149)	(3,993)	(3,013)	(2,562)	(2,276)	(2,223)	(2,349)	(2,376)	(2,519)	(2,406)	(2,547)	(2,878)	(3,358)	(339,649)
Project Net	36,308	7,799	(10,827)	(4,978)	(3,166)	(583)	1,394	297	1,582	(1,246)	1,557	3,652	5,309	37,098

Project No: 15501007 **Meter Equipment**
Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

<u>County %</u>	Grant	91%
	Hidalgo	9%

Estimated Start Date 1/1/2007
 Estimated Completion Date 12/31/2027

Description
 This project covers metering equipment purchases for new service, interconnections, maintenance, routine replacement, meter retirement, and instrument transformers. Labor costs are included with new service, interconnection, and instrument transformer work.

Project Need Justification
 This project is necessary to meet requirements listed under the New Mexico Public Regulatory Commission (NMPRC) rules 17.9.560.14, 17.9.570 and the Superseding Application and Stipulation of Case 2124. This project ensures that PNM accurately monitors energy consumption to provide customers with timely and accurate bills.

Project Alternatives
 In order to meet PNM's obligation to its customers and to maintain system reliability there is no alternative to purchasing metering equipment.

Project Estimate Approach
 Historical spend was analyzed in this funding project to develop this project's estimated future spend. This blanket's project spend forecast is prepared using the prior 12-month actual spend and adding projected meter purchases. Projected Meter Credits are added quarterly. Labor is increased for estimated yearly raises, and non-labor is increased to accommodate yearly inflation.

Customer Benefit
 PNM customers benefit from this project through ongoing and accurate monitoring of energy consumption and timely and accurate bills.

Primary Value Driver Compliance
Safety Single and three phase solid state meters are used as necessary with remote communication capabilities in addition to current and voltage transformers used to provide safe and accurate monitoring of higher voltage loads. Test switches are installed that can interrupt the flow of current to safely allow testing of equipment on site, and wire, lugs and nuts will be provided to securely connect transformer equipment to metering equipment.

Reliability Metering equipment is utilized to monitor loads at the distribution and transmission levels. This project ensures improved monitoring of the system.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 17, Metering, as filed with the NMPRC and in accordance with NMPRC rules 17.9.560.14 (regarding inspection and tests) , 17.9.570 (relating the governance of cogeneration and small power production) and the Superseding Application and Stipulation of Case 2124.

Environmental

Project No:	15501007 Meter Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	94,252	-	-	-	-	-	-	94,252
120: Overtime-General	3,405	4	4	5	3	3	6	3,431
350: Material Issues-Major	1,001,685	8,671	7,780	10,043	6,875	6,435	12,664	1,054,153
370: Outside Services	1,478	-	-	-	-	-	-	1,478
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	24,028	-	-	-	-	-	-	24,028
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,916)	-	-	-	-	-	-	(2,916)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,295	0	0	0	0	0	0	7,297
914: Pension and Benefits	24,087	1	1	1	1	1	1	24,093
915: Injuries and Damages	6,740	0	0	0	0	0	1	6,742
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	20,481	2,325	2,086	2,693	1,844	1,725	3,396	34,550
922: Minor Material Load	3,233	-	-	-	-	-	-	3,233
925: E&S Loads	173,075	1,085	973	1,256	860	805	1,584	179,638
926: A&G Loads	69,517	344	308	398	272	255	502	71,596
928: AFUDC Debt	12	-	-	-	-	-	-	12
929: AFUDC Equity	13	-	-	-	-	-	-	13
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,288,516)	(7,248)	(8,094)	(9,604)	(9,297)	(8,908)	(11,240)	(1,342,907)
825: Closing Cost of Removal	(126,845)	(492)	(771)	(1,087)	(1,119)	(1,115)	(1,466)	(132,895)
Project Net	11,023	4,691	2,286	3,706	(560)	(798)	5,449	25,797

Project No:	15501007 Meter Equipment													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	94,252	-	-	-	-	-	-	-	-	-	-	-	-	94,252
120: Overtime-General	3,431	9	2	6	2	4	6	4	4	5	3	3	6	3,486
350: Material Issues-Major	1,054,153	17,462	4,735	13,125	4,375	7,189	12,263	8,801	7,896	10,194	6,978	6,531	12,854	1,166,556
370: Outside Services	1,478	-	-	-	-	-	-	-	-	-	-	-	-	1,478
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	24,028	-	-	-	-	-	-	-	-	-	-	-	-	24,028
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,916)	-	-	-	-	-	-	-	-	-	-	-	-	(2,916)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,297	1	0	0	0	0	0	0	0	0	0	0	0	7,301
914: Pension and Benefits	24,093	2	1	1	1	1	1	1	1	1	1	1	1	24,106
915: Injuries and Damages	6,742	1	0	1	0	0	1	0	0	1	0	0	1	6,748
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	34,550	4,950	1,342	3,720	1,240	2,038	3,476	2,495	2,238	2,890	1,978	1,851	3,644	66,412
922: Minor Material Load	3,233	-	-	-	-	-	-	-	-	-	-	-	-	3,233
925: E&S Loads	179,638	2,010	545	1,510	504	827	1,411	1,013	909	1,173	803	752	1,479	192,573
926: A&G Loads	71,596	627	170	471	157	258	440	316	284	366	251	235	462	75,633
928: AFUDC Debt	12	-	-	-	-	-	-	-	-	-	-	-	-	12
929: AFUDC Equity	13	-	-	-	-	-	-	-	-	-	-	-	-	13
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,342,907)	(14,808)	(11,895)	(13,440)	(10,828)	(10,251)	(11,979)	(11,694)	(11,126)	(11,703)	(10,749)	(9,924)	(12,006)	(1,483,309)
825: Closing Cost of Removal	(132,895)	(1,974)	(1,592)	(1,813)	(1,463)	(1,389)	(1,627)	(1,591)	(1,514)	(1,594)	(1,465)	(1,352)	(1,637)	(151,906)
Project Net	25,797	8,277	(6,692)	3,584	(6,012)	(1,323)	3,993	(653)	(1,308)	1,333	(2,199)	(1,903)	4,805	27,699

Project No:	15501007 Meter Equipment													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	94,252	-	-	-	-	-	-	-	-	-	-	-	-	94,252
120: Overtime-General	3,486	9	2	7	2	4	6	4	4	5	4	3	6	3,543
350: Material Issues-Major	1,166,556	17,724	4,806	13,322	4,441	7,296	12,447	8,933	8,015	10,347	7,083	6,629	13,047	1,280,645
370: Outside Services	1,478	-	-	-	-	-	-	-	-	-	-	-	-	1,478
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	24,028	-	-	-	-	-	-	-	-	-	-	-	-	24,028
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(2,916)	-	-	-	-	-	-	-	-	-	-	-	-	(2,916)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,301	1	0	1	0	0	0	0	0	0	0	0	0	7,305
914: Pension and Benefits	24,106	2	1	2	1	1	1	1	1	1	1	1	1	24,119
915: Injuries and Damages	6,748	1	0	1	0	0	1	0	0	1	0	0	1	6,753
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	66,412	5,024	1,362	3,776	1,259	2,068	3,528	2,532	2,272	2,933	2,008	1,879	3,698	98,751
922: Minor Material Load	3,233	-	-	-	-	-	-	-	-	-	-	-	-	3,233
925: E&S Loads	192,573	2,040	553	1,533	511	840	1,432	1,028	922	1,191	815	763	1,501	205,702
926: A&G Loads	75,633	771	209	580	193	318	542	389	349	450	308	289	568	80,598
928: AFUDC Debt	12	-	-	-	-	-	-	-	-	-	-	-	-	12
929: AFUDC Equity	13	-	-	-	-	-	-	-	-	-	-	-	-	13
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,483,309)	(15,470)	(12,378)	(13,875)	(11,157)	(10,532)	(12,272)	(11,965)	(11,374)	(11,956)	(10,978)	(10,133)	(12,255)	(1,627,655)
825: Closing Cost of Removal	(151,906)	(2,109)	(1,688)	(1,892)	(1,521)	(1,436)	(1,673)	(1,632)	(1,551)	(1,630)	(1,497)	(1,382)	(1,671)	(171,589)
Project Net	27,699	7,992	(7,133)	3,453	(6,271)	(1,441)	4,013	(708)	(1,362)	1,342	(2,256)	(1,950)	4,897	28,275

Project No: 15501619 Perrin Substation
Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information County % Luna 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2027

Description
 This project consists of the construction of a new distribution substation in Luna County, NM. The driver for this project is voltage improvement and reliability for an outage of the Mining District 1 Sub 1 substation (MD11). The existing MD11 Feeder 12 is a long radial feeder that requires additional voltage support and is at risk of not being able to be restored in the event of an outage of MD11 substation. The project will include the installation of two new substation transformers, two four-bay metalclad switchgears each with a main breaker. Three feeders will be built initially with the fourth feeder reserved for future development. The new feeders will be used to reduce the load on the existing MD11 Feeder 12 and provide a new source with backup at the end of the feeder. This will provide feeder and transformer capacity in the event of an outage of MD11 or for the new substation.

Project Need Justification
 The project will provide voltage support to the customers at the end of the existing MD11 Feeder 12 and eliminate voltage flicker issues experienced in the area due to Gravel Plant large motor operations. It will also improve reliability with additional feeder and transformer capacity that can be used for contingency conditions for an outage of MD11 and the new substation.

Project Alternatives
 One alternative considered was to reconstruct the line with larger conductor in the same location. This alternative was not selected due to the reliability aspects of the project. MD11 Feeder 12 would still be at risk of not being able to be restored during an outage without additional transformer capacity.

Project Estimate Approach
 This project cost was estimated using historical PNM data on similar projects using internal engineering and external labor resources.

Customer Benefit
 This project will increase customer satisfaction and benefit all customers presently served by MD11 Feeder 12 by providing reliable power. They will no longer experience low voltage and flicker issues and will be able to have power restored in the event of an outage of the MD11 transformer or the new substation.

Primary Value Driver Reliability

Safety

Reliability This project will improve reliability by providing a new source that will reduce load on MD11 Feeder 12 which will enable full restoration during an outage of the MD11 transformer or the new substation.

System Performance This project will improve low voltage and flicker issues by providing a new source and reducing the voltage drop from the source to the customers.

Security

Compliance

Environmental

Project No: 15501619 Perrin Substation

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	12,004	12,004
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	108,033	108,033
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	904	904
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	2,764	2,764
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	1,194	1,194
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	14,363	14,363
926: A&G Loads	-	-	-	-	-	-	-	-	-	-	-	-	4,309	4,309
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	134	134
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	171	171
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(126,649)	(126,649)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(17,229)	(17,229)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	(0)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	12,004	2,074	9,942	9,942	9,942	9,942	9,942	9,942	9,942	9,942	9,942	9,942	9,942	123,437
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	149,481	149,481	149,481	149,481	149,481	149,481	149,481	149,481	149,481	149,481	149,481	1,644,291
370: Outside Services	108,033	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	332,055
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	904	156	749	749	749	749	749	749	749	749	749	749	749	9,295
914: Pension and Benefits	2,764	478	2,290	2,290	2,290	2,290	2,290	2,290	2,290	2,290	2,290	2,290	2,290	28,427
915: Injuries and Damages	1,194	206	989	989	989	989	989	989	989	989	989	989	989	12,282
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	42,372	42,372	42,372	42,372	42,372	42,372	42,372	42,372	42,372	42,372	42,372	466,091
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	14,363	2,482	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	20,944	247,225
926: A&G Loads	4,309	902	7,747	7,747	7,747	7,747	7,747	7,747	7,747	7,747	7,747	7,747	7,747	90,428
928: AFUDC Debt	134	-	-	-	-	-	-	-	-	-	-	-	-	134
929: AFUDC Equity	171	-	-	-	-	-	-	-	-	-	-	-	-	171
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(126,649)	(21,971)	(222,799)	(222,799)	(222,799)	(222,799)	(222,799)	(222,799)	(222,799)	(222,799)	(222,799)	(222,799)	(222,799)	(2,599,412)
825: Closing Cost of Removal	(17,229)	-	-	-	-	-	-	-	-	-	-	-	-	(17,229)
Project Net	(0)	2,996	30,382	30,382	30,382	30,382	30,382	30,382	30,382	30,382	30,382	30,382	30,382	337,195

Project No: 15501707 Silver City Pure Project

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

<u>County %</u>	Grant	91%
	Hidalgo	9%

Estimated Start Date 12/3/2013

Estimated Completion Date 12/31/2027

Description

This project involves the replacement of damaged or obsolete equipment in PNM's distribution system. The specific equipment to be replaced typically includes lightning arrestors, cross-arms, cut-outs, capacitors, and insulators. The project includes costs for internal labor, equipment, materials, transportation, and contractors if they are needed.

Project Need Justification

Replacing damaged or obsolete equipment in the distribution system ensures that PNM maintains reliable service while reducing hazardous conditions, which improves safety for PNM personnel, customers, and the public. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines the requirements for following electrical and safety standards (National Electric Safety Code), minimizing interruption of service, and protective safety measures. Work needed for repairing and replacing aging distribution components is identified during routine inspections, line patrols, as well as responding to outages.

Project Alternatives

No alternatives are available for this project, as it is necessary to ensure system reliability and minimize hazardous risks to PNM personnel, customers, and the public. Projects are created based on equipment conditions as determined from inspections, line patrols, and outage records.

Project Estimate Approach

PNM maintains detailed historical records of equipment replacement activities. These records allow PNM to estimate typical future annual replacement projections and needs. This project estimate is established by analyzing the most recent 12-month actual spend to estimate costs for the forecast period.

Customer Benefit

Replacing damaged and obsolete equipment increases reliability of PNM's distribution system while also improving safety conditions for PNM employees, customers, and the public.

Primary Value Driver Reliability

Safety Replacing damaged or obsolete distribution components reduces PNM employee, customer, and public exposure to possible hazards and increases the overall safety of the distribution system.

Reliability Replacing damaged or obsolete distribution components reduces outages and increases overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No: 15501707 Silver City Pure Project

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	588,261	801	801	801	801	801	801	593,067
120: Overtime-General	103,377	-	-	-	-	-	-	103,377
350: Material Issues-Major	150,310	961	1,602	320	1,602	1,442	1,121	157,359
370: Outside Services	723,404	29,750	29,750	29,750	29,750	29,750	29,750	901,904
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	527,243	-	-	-	-	-	-	527,243
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	51,879	61	61	61	61	61	61	52,243
914: Pension and Benefits	168,727	172	172	172	172	172	172	169,761
915: Injuries and Damages	52,287	69	69	69	69	69	69	52,699
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	12,582	258	430	86	430	387	301	14,473
922: Minor Material Load	28,050	-	-	-	-	-	-	28,050
925: E&S Loads	251,610	3,977	4,057	3,897	4,057	4,037	3,997	275,630
926: A&G Loads	99,352	1,248	1,273	1,223	1,273	1,267	1,254	106,890
928: AFUDC Debt	9,371	-	-	-	-	-	-	9,371
929: AFUDC Equity	25,964	-	-	-	-	-	-	25,964
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,026,908)	(170,295)	-	-	(215,652)	-	(96,289)	(2,509,144)
825: Closing Cost of Removal	(354,242)	(53,987)	-	-	(54,019)	-	(18,053)	(480,300)
Project Net	411,268	(186,986)	38,214	36,378	(231,456)	37,985	(76,817)	28,586

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	593,067	817	817	817	817	817	817	817	817	817	817	817	817	602,871
120: Overtime-General	103,377	163	163	163	163	163	163	-	-	-	-	-	-	104,194
350: Material Issues-Major	157,359	163	3,268	1,634	3,268	1,634	1,634	980	1,634	327	1,634	1,471	1,144	176,150
370: Outside Services	901,904	29,925	29,925	29,925	29,925	29,925	29,925	29,925	29,925	29,925	29,925	29,925	29,925	1,261,004
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	527,243	302	163	163	163	163	-	-	-	-	-	-	-	528,199
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	52,243	74	74	74	74	74	62	62	62	62	62	62	62	53,043
914: Pension and Benefits	169,761	226	226	226	226	226	188	188	188	188	188	188	188	172,207
915: Injuries and Damages	52,699	98	98	98	98	98	81	81	81	81	81	81	81	53,755
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	14,473	46	926	463	926	463	463	278	463	93	463	417	324	19,799
922: Minor Material Load	28,050	-	-	-	-	-	-	-	-	-	-	-	-	28,050
925: E&S Loads	275,630	3,653	3,994	3,806	3,994	3,806	3,761	3,686	3,761	3,611	3,761	3,743	3,705	320,914
926: A&G Loads	106,890	1,126	1,233	1,174	1,233	1,174	1,162	1,139	1,162	1,115	1,162	1,156	1,145	120,872
928: AFUDC Debt	9,371	-	-	-	-	-	-	-	-	-	-	-	-	9,371
929: AFUDC Equity	25,964	-	-	-	-	-	-	-	-	-	-	-	-	25,964
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,509,144)	(11,255)	(16,200)	(19,744)	(22,991)	(25,177)	(26,846)	(28,016)	(29,117)	(29,668)	(30,439)	(31,015)	(125,570)	(2,905,183)
825: Closing Cost of Removal	(480,300)	(1,781)	(2,406)	(2,850)	(3,261)	(3,534)	(3,741)	(3,885)	(4,022)	(4,087)	(4,184)	(4,256)	(17,208)	(535,514)
Project Net	28,586	23,558	22,281	15,950	14,635	9,833	7,506	5,255	4,954	2,463	3,471	2,589	(105,387)	35,694

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	602,871	833	833	833	833	833	833	833	833	833	833	833	833	612,871
120: Overtime-General	104,194	167	167	167	167	167	-	-	-	-	-	-	-	105,027
350: Material Issues-Major	176,150	167	3,333	1,667	3,333	1,667	1,667	1,000	1,667	333	1,667	1,500	1,167	195,316
370: Outside Services	1,261,004	30,188	30,188	30,188	30,188	30,188	30,188	30,188	30,188	30,188	30,188	30,188	30,188	1,623,254
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	528,199	308	167	167	167	167	-	-	-	-	-	-	-	529,174
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	53,043	75	75	75	75	75	63	63	63	63	63	63	63	53,859
914: Pension and Benefits	172,207	230	230	230	230	230	192	192	192	192	192	192	192	174,702
915: Injuries and Damages	53,755	100	100	100	100	100	83	83	83	83	83	83	83	54,833
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	19,799	47	945	472	945	472	472	283	472	94	472	425	331	25,232
922: Minor Material Load	28,050	-	-	-	-	-	-	-	-	-	-	-	-	28,050
925: E&S Loads	320,914	3,688	4,036	3,844	4,036	3,844	3,798	3,721	3,798	3,645	3,798	3,779	3,740	366,640
926: A&G Loads	120,872	1,377	1,509	1,436	1,509	1,436	1,422	1,393	1,422	1,364	1,422	1,415	1,400	137,977
928: AFUDC Debt	9,371	-	-	-	-	-	-	-	-	-	-	-	-	9,371
929: AFUDC Equity	25,964	-	-	-	-	-	-	-	-	-	-	-	-	25,964
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,905,183)	(12,822)	(17,576)	(20,956)	(24,084)	(26,162)	(27,744)	(28,840)	(29,886)	(30,385)	(31,122)	(31,670)	(128,093)	(3,314,524)
825: Closing Cost of Removal	(535,514)	(1,753)	(2,400)	(2,860)	(3,286)	(3,569)	(3,785)	(3,934)	(4,076)	(4,144)	(4,245)	(4,319)	(17,469)	(591,355)
Project Net	35,694	22,605	21,606	15,362	14,212	9,447	7,189	4,982	4,754	2,266	3,350	2,488	(107,565)	36,390

Project No: 15502041 Tyrone Substation Upgrade-WFF

Company: 001 Electric Services
 Location: 155 Silver City Services Dist

Project Information

County % Grant 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2027

Description
 This project involves rebuilding of the existing Tyrone 69kV Station. The equipment within Tyrone station is decades old and past its useful life. Aging equipment in the substation has been identified as high risk for future failures and therefore outages for the local area. The existing single phase 69kV transformers set up are not standards and will be replaced with one standard three-phase unit to be able to be covered if an unexpected failure happens.

Project Need Justification
 PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the Tyrone, NM and greater Silver City, NM area.

Project Alternatives
 One alternative is to keep the existing assets in place and allow them to operate until failure. If/when the equipment were to fail, there would be an immediately impact on the area on the form of power outages that would require an emergency replacement which results in higher costs and longer outages. Another option is to replace the major assets separately to mitigate outage durations. This would allow for the outages to be shortened, but costs would be higher due to multiple mobilizations, additional labor hours for transferring customer load, and engineering phased design and construction packages.

Project Estimate Approach
 Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
 Tyrone substation serves retail load in the Silver City area. Failure of any one of the transformers will result in outages to customers.

Primary Value Driver Safety
 Safety Equipment failure can result in result in injury to nearby personnel or members of the general public.

Reliability

System Performance Equipment failure will result in outages which impacts system performance and causes an impact on customers.

Security

Compliance

Environmental

Project No:	15502041 Tyrone Substation Upgrade-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	4,921	4,921
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	44,293	44,293
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	373	373
914: Pension and Benefits	-	-	-	-	-	-	1,059	1,059
915: Injuries and Damages	-	-	-	-	-	-	421	421
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	6,383	6,383
926: A&G Loads	-	-	-	-	-	-	1,949	1,949
928: AFUDC Debt	-	-	-	-	-	-	37	37
929: AFUDC Equity	-	-	-	-	-	-	89	89
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(52,397)	(52,397)
825: Closing Cost of Removal	-	-	-	-	-	-	(7,128)	(7,128)
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	4,921	-	-	-	-	-	-	-	-	-	-	-	-	4,921
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	44,293	-	-	-	-	-	-	-	-	-	-	-	-	44,293
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	373	-	-	-	-	-	-	-	-	-	-	-	-	373
914: Pension and Benefits	1,059	-	-	-	-	-	-	-	-	-	-	-	-	1,059
915: Injuries and Damages	421	-	-	-	-	-	-	-	-	-	-	-	-	421
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	6,383	-	-	-	-	-	-	-	-	-	-	-	-	6,383
926: A&G Loads	1,949	-	-	-	-	-	-	-	-	-	-	-	-	1,949
928: AFUDC Debt	37	-	-	-	-	-	-	-	-	-	-	-	-	37
929: AFUDC Equity	89	-	-	-	-	-	-	-	-	-	-	-	-	89
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(52,397)	-	-	-	-	-	-	-	-	-	-	-	-	(52,397)
825: Closing Cost of Removal	(7,128)	-	-	-	-	-	-	-	-	-	-	-	-	(7,128)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	4,921	-	-	-	-	-	-	-	-	-	-	-	-	4,921
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	44,293	-	-	-	-	-	-	-	-	-	-	-	-	44,293
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	373	-	-	-	-	-	-	-	-	-	-	-	-	373
914: Pension and Benefits	1,059	-	-	-	-	-	-	-	-	-	-	-	-	1,059
915: Injuries and Damages	421	-	-	-	-	-	-	-	-	-	-	-	-	421
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	6,383	-	-	-	-	-	-	-	-	-	-	-	-	6,383
926: A&G Loads	1,949	-	-	-	-	-	-	-	-	-	-	-	-	1,949
928: AFUDC Debt	37	-	-	-	-	-	-	-	-	-	-	-	-	37
929: AFUDC Equity	89	-	-	-	-	-	-	-	-	-	-	-	-	89
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(52,397)	-	-	-	-	-	-	-	-	-	-	-	-	(52,397)
825: Closing Cost of Removal	(7,128)	-	-	-	-	-	-	-	-	-	-	-	-	(7,128)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 15502042 Tyrone 517 Voltage Imp Proj-WFF

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

County % Grant 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2022

Description
The project consists of updating the feeder construction with standard voltage regulators for the Tyrone 517 Feeder. Currently, the minimum voltage on the feeder is below the American National Standards Institute (ANSI) C84.1 voltage tolerance standard.

Project Need Justification
Since the Tyrone feeder's minimum voltage is currently below standard operating criteria, this project is required to address the system's current limitations of voltage levels that occur during normal peak load conditions on the Tyrone feeder.

Project Alternatives
A do nothing alternative was not viable in this situation because the minimum voltage on the feeder is below the ANSI C84.1 criteria. Another alternative is to reconstruct approximately 4 miles of existing overhead single phase circuit to three phase construction and phase balance the circuit to improve the voltage. This alternative would take longer to execute. The current project plan the one with the quickest completion time to mitigate the voltage issues.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
This project will benefit all PNM customers in the area by maintaining voltage within the normal operational limits for the PNM distribution system.

Primary Value Driver System Performance

Safety

Reliability

System Performance By meeting criteria for voltage levels, this project will provide voltage optimization and power quality improvement of the PNM system for PNM customers in the area.

Security

Compliance This project allows PNM's Tyrone 517 Feeder to stay compliant with the ANSI C84.1 voltage tolerance standard.

Environmental

Project No: 15502042 Tyrone 517 Voltage Imp Proj-WFF

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	10,000	10,000	2,000	2,000	-	24,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	10,000	10,000	10,000	10,000	-	40,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	757	757	151	151	-	1,817
914: Pension and Benefits	-	-	2,152	2,152	430	430	-	5,165
915: Injuries and Damages	-	-	856	856	171	171	-	2,054
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	2,971	2,971	1,594	1,594	-	9,130
926: A&G Loads	-	-	792	792	475	475	-	2,534
928: AFUDC Debt	-	-	17	51	78	97	106	350
929: AFUDC Equity	-	-	41	123	187	232	255	839
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(75,725)	(75,725)
825: Closing Cost of Removal	-	-	-	-	-	-	(10,164)	(10,164)
Project Net	-	-	27,586	27,702	15,087	15,151	(85,527)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	24,000	-	-	-	-	-	-	-	-	-	-	-	-	24,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	40,000	-	-	-	-	-	-	-	-	-	-	-	-	40,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,817	-	-	-	-	-	-	-	-	-	-	-	-	1,817
914: Pension and Benefits	5,165	-	-	-	-	-	-	-	-	-	-	-	-	5,165
915: Injuries and Damages	2,054	-	-	-	-	-	-	-	-	-	-	-	-	2,054
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	9,130	-	-	-	-	-	-	-	-	-	-	-	-	9,130
926: A&G Loads	2,534	-	-	-	-	-	-	-	-	-	-	-	-	2,534
928: AFUDC Debt	350	-	-	-	-	-	-	-	-	-	-	-	-	350
929: AFUDC Equity	839	-	-	-	-	-	-	-	-	-	-	-	-	839
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(75,725)	-	-	-	-	-	-	-	-	-	-	-	-	(75,725)
825: Closing Cost of Removal	(10,164)	-	-	-	-	-	-	-	-	-	-	-	-	(10,164)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	24,000	-	-	-	-	-	-	-	-	-	-	-	-	24,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	40,000	-	-	-	-	-	-	-	-	-	-	-	-	40,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,817	-	-	-	-	-	-	-	-	-	-	-	-	1,817
914: Pension and Benefits	5,165	-	-	-	-	-	-	-	-	-	-	-	-	5,165
915: Injuries and Damages	2,054	-	-	-	-	-	-	-	-	-	-	-	-	2,054
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	9,130	-	-	-	-	-	-	-	-	-	-	-	-	9,130
926: A&G Loads	2,534	-	-	-	-	-	-	-	-	-	-	-	-	2,534
928: AFUDC Debt	350	-	-	-	-	-	-	-	-	-	-	-	-	350
929: AFUDC Equity	839	-	-	-	-	-	-	-	-	-	-	-	-	839
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(75,725)	-	-	-	-	-	-	-	-	-	-	-	-	(75,725)
825: Closing Cost of Removal	(10,164)	-	-	-	-	-	-	-	-	-	-	-	-	(10,164)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 15530621 Silver City Metal Building

Company: 001 Electric Services
Location: 155 Silver City Services Dist

Project Information

County % Grant 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2022

Description
This project involves constructing a new metal building at the Silver City Service Center to provide needed protection of equipment from the elements (as the equipment currently sits uncovered outside in full exposure to the sun, precipitation, etc.) and a covered area for employees to work. The new building will be ~8,000 square feet with five overhead bay doors, two man doors, and a single sloped roof. The building will also have efficient LED Lighting, electric heat, mechanical ventilation and be fully insulated

Project Need Justification
As previously described, the equipment store at the Silver City Service Center is kept outside and is vulnerable to damage caused by sun (e.g., sun-rot of hoses/tires/covers) and other elements. By covering this equipment, PNM will see less damage to equipment in storage. The new building will also provide and indoor working space for employees to more easily and efficiently work on repairs.

Project Alternatives
The only alternative is to do nothing. This would continue to expose equipment to conditions that cause deteriorating/damage to the equipment and continue the current arrangement of employees working outside when performing repairs.

Project Estimate Approach
Initial budget projections were based on similar projects in previous years. PNM also asked six contractors to provide bids for this project and received three responses. The range of bids from contractors was rather wide as contractors post-pandemic have experienced various costs for metal materials/manufacturing. PNM selected the bid that provided the best value for the project (which is reflected as the project cost).

Customer Benefit
The building will provide needed protection from the elements for our equipment which currently sits outside and is subject to snow, sun-rot of hoses, tires, covers, etc. By covering equipment, the Company ensures that equipment will be in working order when it is needed to be placed into service and reduces damage to unused equipment.

Primary Value Driver Reliability
Safety By providing a covered building, employees will be able to work in a more safe environment. Protecting equipment from the elements also ensure they are not subject to sun/other conditions that could cause damage or detrition that could create a safety risk for employees handling and/or installing the equipment .

Reliability Currently the equipment sits outside and is subject to snow, sun-rot of hoses, tires, covers, etc. By protecting the equipment while in storage, there is a greater likelihood it will be immediately ready for use/installation on the system when needed. More rapidly repairing the system will reduce the duration of outages and increase reliability.

System Performance

Security

Compliance

Environmental

Project No: 15530621 Silver City Metal Building

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	39,697	88,000	137,000	133,000	135,000	135,000	135,000	802,697
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	125	-	-	-	-	-	-	125
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	2,382	3,485	5,425	5,267	5,346	5,346	5,346	32,597
928: AFUDC Debt	475	119	265	441	616	793	972	3,682
929: AFUDC Equity	1,517	286	636	1,058	1,479	1,904	2,332	9,212
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(753,126)	(753,126)
825: Closing Cost of Removal	-	-	-	-	-	-	(95,186)	(95,186)
Project Net	44,195	91,890	143,327	139,766	142,441	143,044	(704,662)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	802,697	-	-	-	-	-	-	-	-	-	-	-	-	802,697
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	125	-	-	-	-	-	-	-	-	-	-	-	-	125
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	32,597	-	-	-	-	-	-	-	-	-	-	-	-	32,597
928: AFUDC Debt	3,682	-	-	-	-	-	-	-	-	-	-	-	-	3,682
929: AFUDC Equity	9,212	-	-	-	-	-	-	-	-	-	-	-	-	9,212
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(753,126)	-	-	-	-	-	-	-	-	-	-	-	-	(753,126)
825: Closing Cost of Removal	(95,186)	-	-	-	-	-	-	-	-	-	-	-	-	(95,186)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	802,697	-	-	-	-	-	-	-	-	-	-	-	-	802,697
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	125	-	-	-	-	-	-	-	-	-	-	-	-	125
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	32,597	-	-	-	-	-	-	-	-	-	-	-	-	32,597
928: AFUDC Debt	3,682	-	-	-	-	-	-	-	-	-	-	-	-	3,682
929: AFUDC Equity	9,212	-	-	-	-	-	-	-	-	-	-	-	-	9,212
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(753,126)	-	-	-	-	-	-	-	-	-	-	-	-	(753,126)
825: Closing Cost of Removal	(95,186)	-	-	-	-	-	-	-	-	-	-	-	-	(95,186)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 20000107 Line Extensions - Residential

Company: 001 Electric Services
Location: 200 Deming Electric Services

Project Information

County % Luna 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions.

Project Alternatives
Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
The customer benefit from this project is electric service to their new home.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:

20000107 Line Extensions - Residential

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	197,300	1,448	1,078	1,187	598	2,275	2,042	205,927
120: Overtime-General	5,661	36	27	29	15	56	51	5,874
350: Material Issues-Major	209,238	1,191	887	976	491	1,871	1,679	216,332
370: Outside Services	40,602	401	299	329	166	630	566	42,993
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	12,579	-	-	-	-	-	-	12,579
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	84,780	-	-	-	-	-	-	84,780
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(637,081)	(2,702)	(2,012)	(2,214)	(1,115)	(4,245)	(3,810)	(653,178)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,930	112	84	92	46	176	158	15,600
914: Pension and Benefits	55,422	319	238	262	132	502	450	57,325
915: Injuries and Damages	14,740	127	95	104	52	200	179	15,497
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	19,705	319	238	262	132	502	450	21,607
922: Minor Material Load	11,626	-	-	-	-	-	-	11,626
925: E&S Loads	87,563	454	338	372	187	714	641	90,270
926: A&G Loads	29,552	122	91	100	50	191	172	30,277
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(147,637)	1,229	792	412	218	(276)	(635)	(145,896)
825: Closing Cost of Removal	(4,771)	(516)	(452)	(403)	(347)	(347)	(340)	(7,175)
Project Net	(5,790)	2,541	1,701	1,507	626	2,250	1,604	4,439

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	205,927	3,128	1,394	1,182	2,287	1,445	1,915	1,484	1,105	1,216	613	2,332	2,093	226,121
120: Overtime-General	5,874	77	35	29	57	36	47	37	27	30	15	58	52	6,374
350: Material Issues-Major	216,332	2,547	1,135	963	1,862	1,177	1,559	1,208	900	990	499	1,899	1,704	232,774
370: Outside Services	42,993	858	383	324	628	397	525	407	303	334	168	640	574	48,534
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	12,579	-	-	-	-	-	-	-	-	-	-	-	-	12,579
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	84,780	-	-	-	-	-	-	-	-	-	-	-	-	84,780
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(653,178)	(5,779)	(2,576)	(2,184)	(4,225)	(2,670)	(3,537)	(2,742)	(2,042)	(2,247)	(1,132)	(4,308)	(3,867)	(690,489)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,600	241	108	91	176	112	148	115	85	94	47	180	162	17,158
914: Pension and Benefits	57,325	738	329	279	540	341	452	350	261	287	145	550	494	62,091
915: Injuries and Damages	15,497	319	142	121	233	147	195	151	113	124	62	238	213	17,556
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	21,607	722	322	273	528	334	442	343	255	281	141	538	483	26,268
922: Minor Material Load	11,626	-	-	-	-	-	-	-	-	-	-	-	-	11,626
925: E&S Loads	90,270	910	405	344	665	420	557	432	321	354	178	678	609	96,142
926: A&G Loads	30,277	237	106	90	174	110	145	113	84	92	46	177	159	31,809
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(145,896)	(1,154)	(1,228)	(1,247)	(1,485)	(1,511)	(1,626)	(1,634)	(1,564)	(1,529)	(1,377)	(1,602)	(1,737)	(163,589)
825: Closing Cost of Removal	(7,175)	(365)	(338)	(310)	(317)	(300)	(299)	(286)	(265)	(251)	(223)	(247)	(260)	(10,635)
Project Net	4,439	2,480	216	(45)	1,121	37	522	(23)	(416)	(225)	(817)	1,132	678	9,100

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	226,121	3,206	1,429	1,212	2,344	1,481	1,962	1,521	1,133	1,247	628	2,390	2,146	246,820
120: Overtime-General	6,374	79	35	30	58	37	49	38	28	31	16	59	53	6,887
350: Material Issues-Major	232,774	2,585	1,152	977	1,890	1,194	1,582	1,227	913	1,005	506	1,927	1,730	249,463
370: Outside Services	48,534	871	388	329	637	402	533	413	308	339	171	650	583	54,159
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	12,579	-	-	-	-	-	-	-	-	-	-	-	-	12,579
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	84,780	-	-	-	-	-	-	-	-	-	-	-	-	84,780
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(690,489)	(5,866)	(2,615)	(2,217)	(4,288)	(2,710)	(3,590)	(2,783)	(2,072)	(2,281)	(1,149)	(4,373)	(3,925)	(728,360)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	17,158	247	110	94	181	114	151	117	87	96	48	184	166	18,755
914: Pension and Benefits	62,091	757	337	286	553	350	463	359	267	294	148	564	506	66,976
915: Injuries and Damages	17,556	327	146	124	239	151	200	155	116	127	64	244	219	19,666
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	26,268	733	327	277	536	339	449	348	259	285	143	546	490	30,999
922: Minor Material Load	11,626	-	-	-	-	-	-	-	-	-	-	-	-	11,626
925: E&S Loads	96,142	928	414	351	679	429	568	440	328	361	182	692	621	102,136
926: A&G Loads	31,809	293	131	111	214	135	180	139	104	114	57	219	196	33,703
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(163,589)	(2,084)	(2,002)	(1,891)	(2,033)	(1,971)	(2,020)	(1,969)	(1,847)	(1,771)	(1,581)	(1,788)	(1,907)	(186,455)
825: Closing Cost of Removal	(10,635)	(303)	(289)	(271)	(288)	(277)	(283)	(274)	(257)	(245)	(219)	(246)	(262)	(13,850)
Project Net	9,100	1,774	(436)	(589)	722	(326)	245	(269)	(634)	(398)	(986)	1,067	615	9,884

Project No: 20000207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 200 Deming Electric Services

Project Information

County % Luna 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new customers and provides for the installation of electric line extensions for service to new non-residential customers.

Project Alternatives
Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	20000207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	403,171	1,719	1,719	1,548	1,854	1,155	1,146	412,313
120: Overtime-General	21,837	11	11	10	12	7	7	21,896
350: Material Issues-Major	527,455	2,324	2,324	2,093	2,506	1,561	1,549	539,813
370: Outside Services	78,153	154	154	139	166	103	103	78,971
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,435	-	-	-	-	-	-	7,435
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	216,703	-	-	-	-	-	-	216,703
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(750,066)	(2,233)	(2,233)	(2,011)	(2,408)	(1,500)	(1,489)	(761,941)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	31,348	131	131	118	141	88	87	32,044
914: Pension and Benefits	117,854	372	372	335	402	250	248	119,834
915: Injuries and Damages	31,500	148	148	133	160	99	99	32,288
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	39,495	623	623	561	672	419	415	42,809
922: Minor Material Load	31,823	-	-	-	-	-	-	31,823
925: E&S Loads	188,542	607	607	547	655	408	405	191,772
926: A&G Loads	69,657	167	167	150	180	112	111	70,544
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(966,245)	(4,910)	(4,609)	(4,297)	(4,191)	(3,792)	(3,477)	(991,523)
825: Closing Cost of Removal	(20,569)	(2,155)	(1,787)	(1,490)	(1,277)	(1,067)	(903)	(29,248)
Project Net	28,094	(3,042)	(2,373)	(2,163)	(1,129)	(2,157)	(1,698)	15,531

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	412,313	1,762	1,312	1,801	1,762	1,880	1,693	1,762	1,762	1,587	1,900	1,184	1,175	431,893
120: Overtime-General	21,896	11	8	12	11	12	11	11	11	10	12	8	8	22,022
350: Material Issues-Major	539,813	2,359	1,756	2,411	2,359	2,516	2,266	2,359	2,359	2,124	2,544	1,584	1,573	566,025
370: Outside Services	78,971	156	116	160	156	167	150	156	156	141	168	105	104	80,706
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,435	-	-	-	-	-	-	-	-	-	-	-	-	7,435
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	216,703	-	-	-	-	-	-	-	-	-	-	-	-	216,703
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(761,941)	(2,267)	(1,688)	(2,317)	(2,267)	(2,418)	(2,178)	(2,267)	(2,267)	(2,041)	(2,444)	(1,523)	(1,511)	(787,128)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	32,044	134	99	137	134	142	128	134	134	120	144	90	89	33,528
914: Pension and Benefits	119,834	408	304	418	408	436	392	408	408	368	440	274	272	124,372
915: Injuries and Damages	32,288	176	131	180	176	188	170	176	176	159	190	119	118	34,248
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	42,809	669	498	684	669	713	642	669	669	602	721	449	446	50,239
922: Minor Material Load	31,823	-	-	-	-	-	-	-	-	-	-	-	-	31,823
925: E&S Loads	191,772	576	429	589	576	614	553	576	576	519	621	387	384	198,170
926: A&G Loads	70,544	154	115	157	154	164	148	154	154	139	166	103	103	72,254
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(991,523)	(3,514)	(3,337)	(3,422)	(3,470)	(3,562)	(3,548)	(3,569)	(3,585)	(3,518)	(3,608)	(3,352)	(3,149)	(1,033,156)
825: Closing Cost of Removal	(29,248)	(814)	(716)	(670)	(632)	(610)	(580)	(562)	(548)	(526)	(528)	(485)	(451)	(36,369)
Project Net	15,531	(189)	(972)	138	36	244	(153)	8	6	(316)	327	(1,057)	(841)	12,764

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	431,893	1,806	1,345	1,846	1,806	1,927	1,735	1,806	1,806	1,627	1,948	1,213	1,204	451,963
120: Overtime-General	22,022	12	9	12	12	12	11	12	12	10	13	8	8	22,151
350: Material Issues-Major	566,025	2,394	1,783	2,448	2,394	2,554	2,300	2,394	2,394	2,156	2,582	1,608	1,596	592,630
370: Outside Services	80,706	158	118	162	158	169	152	158	158	143	171	106	106	82,467
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,435	-	-	-	-	-	-	-	-	-	-	-	-	7,435
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	216,703	-	-	-	-	-	-	-	-	-	-	-	-	216,703
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(787,128)	(2,301)	(1,713)	(2,352)	(2,301)	(2,454)	(2,210)	(2,301)	(2,301)	(2,072)	(2,481)	(1,545)	(1,534)	(812,694)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,528	137	102	140	137	146	131	137	137	123	148	92	91	35,049
914: Pension and Benefits	124,372	419	312	428	419	447	402	419	419	377	451	281	279	129,024
915: Injuries and Damages	34,248	181	135	185	181	193	174	181	181	163	195	121	121	36,258
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	50,239	679	505	694	679	724	652	679	679	611	732	456	452	57,780
922: Minor Material Load	31,823	-	-	-	-	-	-	-	-	-	-	-	-	31,823
925: E&S Loads	198,170	587	437	600	587	627	564	587	587	529	633	394	392	204,696
926: A&G Loads	72,254	190	142	194	190	203	183	190	190	171	205	128	127	74,367
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,033,156)	(3,281)	(3,174)	(3,319)	(3,414)	(3,543)	(3,557)	(3,599)	(3,633)	(3,577)	(3,680)	(3,424)	(3,221)	(1,074,578)
825: Closing Cost of Removal	(36,369)	(464)	(446)	(463)	(474)	(489)	(490)	(495)	(498)	(490)	(504)	(468)	(440)	(42,091)
Project Net	12,764	517	(447)	575	375	514	48	169	132	(228)	413	(1,030)	(820)	12,982

Project No: 20000607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 200 Deming Electric Services

Project Information

County % Luna 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description County % Luna 100%
 This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include, but are not limited to, the design, installation, and removal of wire, poles, pole hardware (including insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification
 This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.
 Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives
 This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach
 Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit
 Customers benefit through outage restoration and increased reliability by maintaining system integrity through the replacement of damaged equipment and equipment taken out of service by storms or other events.

Primary Value Driver Compliance

Safety

Reliability Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	20000607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,128,903	2,710	2,196	2,075	2,377	2,398	1,198	1,141,856
120: Overtime-General	296,168	138	112	106	121	122	61	296,828
350: Material Issues-Major	1,717,943	3,732	3,024	2,859	3,273	3,302	1,650	1,735,784
370: Outside Services	3,025,301	4,908	3,977	3,759	4,305	4,343	2,170	3,048,765
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	14,128	-	-	-	-	-	-	14,128
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	716,142	-	-	-	-	-	-	716,142
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(90,957)	(259)	(210)	(198)	(227)	(229)	(114)	(92,194)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	106,705	216	175	165	189	191	95	107,735
914: Pension and Benefits	373,169	613	497	469	538	542	271	376,098
915: Injuries and Damages	102,082	244	198	187	214	216	108	103,247
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	164,426	1,001	811	767	878	886	442	169,210
922: Minor Material Load	158,645	-	-	-	-	-	-	158,645
925: E&S Loads	985,734	1,570	1,272	1,203	1,377	1,389	694	993,239
926: A&G Loads	451,915	455	369	348	399	403	201	454,090
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(7,050,061)	(19,771)	(18,710)	(17,704)	(16,999)	(16,392)	(15,140)	(7,154,777)
825: Closing Cost of Removal	(1,834,847)	(13,916)	(12,425)	(11,103)	(9,964)	(8,964)	(7,986)	(1,899,206)
Project Net	265,396	(18,359)	(18,715)	(17,068)	(13,520)	(11,793)	(16,349)	169,591

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,141,856	5,972	2,335	2,396	2,787	1,709	2,754	2,777	2,251	2,127	2,436	2,458	1,228	1,173,086
120: Overtime-General	296,828	304	119	122	142	87	140	142	115	108	124	125	63	298,419
350: Material Issues-Major	1,735,784	8,146	3,185	3,268	3,801	2,330	3,756	3,788	3,070	2,901	3,323	3,352	1,675	1,778,379
370: Outside Services	3,048,765	10,713	4,189	4,298	4,999	3,065	4,940	4,982	4,037	3,816	4,370	4,408	2,203	3,104,783
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	14,128	-	-	-	-	-	-	-	-	-	-	-	-	14,128
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	716,142	-	-	-	-	-	-	-	-	-	-	-	-	716,142
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(92,194)	(565)	(221)	(227)	(264)	(162)	(260)	(263)	(213)	(201)	(230)	(232)	(116)	(95,147)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	107,735	473	185	190	221	135	218	220	178	168	193	194	97	110,207
914: Pension and Benefits	376,098	1,446	565	580	675	414	667	672	545	515	590	595	297	383,657
915: Injuries and Damages	103,247	625	244	251	291	179	288	290	235	222	255	257	128	106,513
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	169,210	2,309	903	926	1,077	661	1,065	1,074	870	822	942	950	475	181,284
922: Minor Material Load	158,645	-	-	-	-	-	-	-	-	-	-	-	-	158,645
925: E&S Loads	993,239	3,183	1,245	1,277	1,485	911	1,468	1,480	1,199	1,134	1,298	1,310	654	1,009,883
926: A&G Loads	454,090	902	353	362	421	258	416	420	340	321	368	371	186	458,809
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,154,777)	(16,862)	(16,222)	(15,695)	(15,463)	(14,619)	(14,497)	(14,403)	(14,008)	(13,587)	(13,400)	(13,248)	(12,386)	(7,329,165)
825: Closing Cost of Removal	(1,899,206)	(7,510)	(6,797)	(6,175)	(5,659)	(5,118)	(4,727)	(4,384)	(4,040)	(3,727)	(3,476)	(3,258)	(2,966)	(1,957,043)
Project Net	169,591	9,136	(9,917)	(8,428)	(5,486)	(10,152)	(3,772)	(3,204)	(5,421)	(5,379)	(3,209)	(2,718)	(8,462)	112,579

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,173,086	6,122	2,394	2,456	2,857	1,751	2,823	2,847	2,307	2,180	2,497	2,519	1,259	1,205,097
120: Overtime-General	298,419	312	122	125	146	89	144	145	118	111	127	128	64	300,050
350: Material Issues-Major	1,778,379	8,268	3,233	3,317	3,858	2,365	3,812	3,845	3,116	2,945	3,372	3,402	1,700	1,821,613
370: Outside Services	3,104,783	10,874	4,252	4,362	5,074	3,111	5,014	5,057	4,097	3,873	4,435	4,474	2,236	3,161,641
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	14,128	-	-	-	-	-	-	-	-	-	-	-	-	14,128
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	716,142	-	-	-	-	-	-	-	-	-	-	-	-	716,142
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(95,147)	(573)	(224)	(230)	(268)	(164)	(264)	(267)	(216)	(204)	(234)	(236)	(118)	(98,145)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	110,207	484	189	194	226	139	223	225	183	173	198	199	100	112,740
914: Pension and Benefits	383,657	1,482	579	594	691	424	683	689	558	528	604	610	305	391,405
915: Injuries and Damages	106,513	640	250	257	299	183	295	298	241	228	261	263	132	109,860
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	181,284	2,344	916	940	1,094	670	1,081	1,090	883	835	956	964	482	193,539
922: Minor Material Load	158,645	-	-	-	-	-	-	-	-	-	-	-	-	158,645
925: E&S Loads	1,009,883	3,241	1,267	1,300	1,512	927	1,494	1,507	1,221	1,154	1,322	1,334	666	1,026,829
926: A&G Loads	458,809	1,113	435	446	519	318	513	517	419	396	454	458	229	464,626
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,329,165)	(14,522)	(14,196)	(13,946)	(13,963)	(13,323)	(13,395)	(13,472)	(13,221)	(12,925)	(12,851)	(12,800)	(12,009)	(7,489,787)
825: Closing Cost of Removal	(1,957,043)	(3,104)	(2,925)	(2,772)	(2,670)	(2,491)	(2,420)	(2,359)	(2,262)	(2,167)	(2,108)	(2,058)	(1,913)	(1,986,292)
Project Net	112,579	16,679	(3,706)	(2,956)	(624)	(6,001)	4	122	(2,556)	(2,872)	(967)	(742)	(6,868)	102,092

Project No: 20000707 Distr. System Improvements

Company: 001 Electric Services
Location: 200 Deming Electric Services

Project Information

County % Luna 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include, but are not limited to, new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisition (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability
Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. The project also improves system reliability by adding equipment and components, which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	20000707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	552,890	5,659	5,714	5,020	6,344	5,976	4,225	585,829
120: Overtime-General	98,933	1,794	1,811	1,592	2,011	1,894	1,339	109,375
350: Material Issues-Major	974,590	11,453	11,564	10,161	12,840	12,094	8,551	1,041,253
370: Outside Services	548,252	893	901	792	1,001	942	666	553,447
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,857	-	-	-	-	-	-	2,857
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	340,122	265	267	235	297	279	198	341,662
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(42,633)	-	-	-	-	-	-	(42,633)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	48,733	564	570	501	633	596	421	52,016
914: Pension and Benefits	168,599	1,604	1,619	1,423	1,798	1,694	1,197	177,934
915: Injuries and Damages	46,619	638	644	566	715	674	476	50,332
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	74,099	3,071	3,101	2,725	3,443	3,243	2,293	91,975
922: Minor Material Load	53,456	-	-	-	-	-	-	53,456
925: E&S Loads	356,581	2,859	2,886	2,536	3,205	3,019	2,134	373,220
926: A&G Loads	159,873	795	802	705	891	839	593	164,497
928: AFUDC Debt	27,237	226	235	240	247	256	257	28,698
929: AFUDC Equity	45,330	542	563	576	593	615	618	48,837
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,925,238)	(20,932)	(21,672)	(21,942)	(22,914)	(23,567)	(23,177)	(3,059,442)
825: Closing Cost of Removal	(370,099)	(1,935)	(2,133)	(2,255)	(2,463)	(2,617)	(2,621)	(384,123)
Project Net	160,200	7,496	6,873	2,874	8,642	5,937	(2,830)	189,192

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	585,829	16,194	3,971	4,132	5,610	6,258	5,470	5,801	5,857	5,146	6,503	6,125	4,330	661,227
120: Overtime-General	109,375	5,134	1,259	1,310	1,799	1,984	1,734	1,839	1,857	1,631	2,062	1,942	1,373	133,278
350: Material Issues-Major	1,041,253	32,456	7,959	8,281	11,244	12,542	10,963	11,625	11,738	10,313	13,033	12,276	8,679	1,192,362
370: Outside Services	553,447	2,529	620	645	876	977	854	906	915	804	1,016	957	676	565,223
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,857	-	-	-	-	-	-	-	-	-	-	-	-	2,857
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	341,662	750	184	191	260	290	253	269	271	238	301	284	200	345,153
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(42,633)	-	-	-	-	-	-	-	-	-	-	-	-	(42,633)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	52,016	1,606	394	410	556	621	542	575	581	510	645	607	429	59,494
914: Pension and Benefits	177,934	4,912	1,205	1,253	1,702	1,898	1,659	1,759	1,776	1,561	1,972	1,858	1,313	200,803
915: Injuries and Damages	50,332	2,122	520	541	735	820	717	760	768	674	852	803	567	60,212
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	91,975	9,200	2,256	2,347	3,187	3,555	3,108	3,295	3,327	2,923	3,694	3,480	2,460	134,808
922: Minor Material Load	53,456	-	-	-	-	-	-	-	-	-	-	-	-	53,456
925: E&S Loads	373,220	7,556	1,853	1,928	2,618	2,920	2,552	2,706	2,733	2,401	3,034	2,858	2,020	408,399
926: A&G Loads	164,497	2,049	502	523	710	792	692	734	741	651	823	775	548	174,035
928: AFUDC Debt	28,698	440	540	583	633	694	754	813	874	932	993	1,060	1,116	38,130
929: AFUDC Equity	48,837	561	689	743	807	885	962	1,037	1,115	1,189	1,267	1,352	1,424	60,869
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,059,442)	-	-	-	-	-	-	-	-	-	-	-	(537,674)	(3,597,115)
825: Closing Cost of Removal	(384,123)	-	-	-	-	-	-	-	-	-	-	-	(66,436)	(450,559)
Project Net	189,192	85,508	21,953	22,887	30,718	34,237	30,262	32,120	32,552	28,974	36,195	34,374	(578,972)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	661,227	16,599	4,071	4,235	5,751	6,415	5,607	5,946	6,003	5,275	6,665	6,278	4,439	738,510
120: Overtime-General	133,278	5,262	1,290	1,343	1,823	2,034	1,778	1,885	1,903	1,672	2,113	1,990	1,407	157,779
350: Material Issues-Major	1,192,362	32,942	8,078	8,405	11,413	12,731	11,127	11,800	11,914	10,468	13,228	12,460	8,809	1,345,738
370: Outside Services	565,223	2,567	630	655	889	992	867	920	928	816	1,031	971	686	577,176
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,857	-	-	-	-	-	-	-	-	-	-	-	-	2,857
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	345,153	761	187	194	264	294	257	273	275	242	306	288	203	348,696
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(42,633)	-	-	-	-	-	-	-	-	-	-	-	-	(42,633)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,494	1,646	404	420	570	636	556	590	595	523	661	623	440	67,158
914: Pension and Benefits	200,803	5,035	1,235	1,285	1,744	1,946	1,701	1,803	1,821	1,600	2,022	1,904	1,346	224,244
915: Injuries and Damages	60,212	2,175	533	555	754	841	735	779	787	691	873	823	582	70,340
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	134,808	9,338	2,290	2,383	3,235	3,609	3,154	3,345	3,377	2,967	3,750	3,532	2,497	178,284
922: Minor Material Load	53,456	-	-	-	-	-	-	-	-	-	-	-	-	53,456
925: E&S Loads	408,399	7,704	1,889	1,966	2,669	2,977	2,602	2,759	2,786	2,448	3,093	2,914	2,060	444,266
926: A&G Loads	174,035	2,529	620	645	876	977	854	906	915	804	1,015	956	676	185,809
928: AFUDC Debt	38,130	68	154	189	231	282	333	383	434	482	534	590	637	42,448
929: AFUDC Equity	60,869	119	267	328	401	490	578	663	752	836	926	1,023	1,104	68,354
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,597,115)	-	-	-	-	-	-	-	-	-	-	-	-	(3,597,115)
825: Closing Cost of Removal	(450,559)	-	-	-	-	-	-	-	-	-	-	-	-	(450,559)
Project Net	(0)	86,745	21,648	22,602	30,620	34,222	30,149	32,050	32,490	28,824	36,218	34,351	24,888	414,807

Project No: 20000807 Services

Company: 001 Electric Services
Location: 200 Deming Electric Services

Project Information

County % Luna 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description Luna 100%
This project covers the expenses for the installation, connection, and in the case of service retirement, disconnection and removal, of PNM customer access or "services" in Luna County. Services include overhead and underground conductors connecting the PNM distribution system to the customer. Materials to be purchased include overhead and underground service wires and associated connecting or terminating equipment.

Project Need Justification
PNM is obligated to serve customers within its service territory. PNM and the customers' service cost responsibilities are defined within PNM's Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210. This project covers the expenses associated with labor, materials, outside services (contractors), and transportation required for PNM to meet its obligation to serve customers by either connecting or disconnecting electrical service to customer facilities.

Project Alternatives
As PNM is obligated to serve customers in its territory there are few alternatives to this project. However, if a customer prefers a more expensive connection to PNM's distribution network (e.g., if a residential customer in an area served by overhead lines prefers an underground service) the customer must provide the service wires per PNM rules and is response for covering a portion of the increased costs.

Project Estimate Approach
Since the amount, length, and types of services to be installed each year is unknown at the time of budget preparation, the budget is estimated by applying escalation factors to historical spend for similar activities. The initial budget for this project was developed by cost escalation factors to the most recent 12-month actual spend. An adjustment was made to the actual spend to account for expected cost increases for a planned change in the installation practice for residential underground services from direct buried wired to installation of service wire in conduit. Labor and non-labor cost components are escalated using customary annual expected cost increase percentages supplied by PNM Budget.

Customer Benefit
This project provides funding for customers services and connections enabling power delivery to customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Enables PNM's compliance with Rules and Regulations, specifically Rules 15, 16, and 18 with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	20000807 Services							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	702,508	7,789	7,858	8,212	8,215	8,391	8,126	751,098
120: Overtime-General	37,172	177	178	186	186	190	184	38,273
350: Material Issues-Major	274,075	881	889	928	929	949	919	279,569
370: Outside Services	189,605	809	816	853	853	871	844	194,650
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	13,745	-	-	-	-	-	-	13,745
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	407,131	-	-	-	-	-	-	407,131
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	55,176	603	608	636	636	650	629	58,937
914: Pension and Benefits	188,421	1,714	1,729	1,807	1,808	1,847	1,788	199,114
915: Injuries and Damages	54,402	682	688	719	719	735	711	58,656
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	21,485	236	238	249	249	254	246	22,959
922: Minor Material Load	11,229	-	-	-	-	-	-	11,229
925: E&S Loads	225,276	1,582	1,596	1,668	1,668	1,704	1,650	235,144
926: A&G Loads	83,048	382	386	403	403	412	399	85,433
928: AFUDC Debt	4,592	-	-	-	-	-	-	4,592
929: AFUDC Equity	1,124	-	-	-	-	-	-	1,124
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,863,704)	(9,083)	(9,699)	(10,311)	(10,832)	(11,320)	(11,667)	(1,926,616)
825: Closing Cost of Removal	(348,065)	(1,728)	(1,739)	(1,760)	(1,778)	(1,799)	(1,808)	(358,678)
Project Net	57,221	4,043	3,549	3,589	3,056	2,883	2,021	76,362

Project No:	20000807 Services													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	751,098	18,976	7,298	7,937	8,416	8,293	8,258	7,984	8,055	8,417	8,420	8,601	8,329	860,081
120: Overtime-General	38,273	430	165	180	191	188	187	181	183	191	191	195	189	40,743
350: Material Issues-Major	279,569	2,125	817	889	942	929	925	894	902	942	943	963	933	291,772
370: Outside Services	194,650	1,951	750	816	865	853	849	821	828	865	866	884	856	205,856
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	13,745	-	-	-	-	-	-	-	-	-	-	-	-	13,745
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	407,131	-	-	-	-	-	-	-	-	-	-	-	-	407,131
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	58,937	1,461	562	611	648	639	636	615	620	648	648	662	641	67,330
914: Pension and Benefits	199,114	4,469	1,719	1,869	1,982	1,953	1,945	1,880	1,897	1,982	1,983	2,026	1,962	224,782
915: Injuries and Damages	58,656	1,931	743	808	856	844	840	812	820	856	857	875	848	69,746
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	22,959	602	232	252	267	263	262	253	256	267	267	273	264	26,418
922: Minor Material Load	11,229	-	-	-	-	-	-	-	-	-	-	-	-	11,229
925: E&S Loads	235,144	3,604	1,386	1,508	1,599	1,575	1,569	1,516	1,530	1,599	1,599	1,634	1,582	255,845
926: A&G Loads	85,433	843	324	353	374	368	367	355	358	374	374	382	370	90,275
928: AFUDC Debt	4,592	-	-	-	-	-	-	-	-	-	-	-	-	4,592
929: AFUDC Equity	1,124	-	-	-	-	-	-	-	-	-	-	-	-	1,124
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,926,616)	(14,721)	(14,360)	(14,216)	(14,214)	(14,181)	(14,145)	(14,044)	(13,976)	(14,011)	(14,041)	(14,112)	(14,104)	(2,096,739)
825: Closing Cost of Removal	(358,678)	(2,192)	(2,115)	(2,072)	(2,052)	(2,030)	(2,011)	(1,985)	(1,965)	(1,961)	(1,957)	(1,961)	(1,954)	(382,933)
Project Net	76,362	19,479	(2,480)	(1,066)	(124)	(307)	(318)	(717)	(494)	171	150	422	(84)	90,994

Project No:	20000807 Services													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	860,081	19,450	7,480	8,135	8,627	8,500	8,464	8,183	8,256	8,627	8,630	8,816	8,537	971,788
120: Overtime-General	40,743	441	170	184	196	193	192	185	187	196	196	200	193	43,275
350: Material Issues-Major	291,772	2,157	829	902	956	942	938	907	915	957	957	977	947	304,157
370: Outside Services	205,856	1,980	762	828	878	865	862	833	841	878	879	898	869	217,229
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	13,745	-	-	-	-	-	-	-	-	-	-	-	-	13,745
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	407,131	-	-	-	-	-	-	-	-	-	-	-	-	407,131
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	67,330	1,498	576	626	664	655	652	630	636	664	665	679	657	75,932
914: Pension and Benefits	224,782	4,581	1,762	1,916	2,032	2,002	1,994	1,927	1,944	2,032	2,033	2,076	2,011	251,091
915: Injuries and Damages	69,746	1,979	761	828	878	865	861	833	840	878	878	897	869	81,112
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	26,418	611	235	256	271	267	266	257	259	271	271	277	268	29,928
922: Minor Material Load	11,229	-	-	-	-	-	-	-	-	-	-	-	-	11,229
925: E&S Loads	255,845	3,690	1,419	1,543	1,637	1,613	1,606	1,552	1,566	1,637	1,637	1,672	1,620	277,036
926: A&G Loads	90,275	1,045	402	437	464	457	455	440	444	464	464	474	459	96,278
928: AFUDC Debt	4,592	-	-	-	-	-	-	-	-	-	-	-	-	4,592
929: AFUDC Equity	1,124	-	-	-	-	-	-	-	-	-	-	-	-	1,124
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,096,739)	(16,929)	(16,290)	(15,913)	(15,718)	(15,519)	(15,342)	(15,119)	(14,949)	(14,898)	(14,856)	(14,867)	(14,806)	(2,281,945)
825: Closing Cost of Removal	(382,933)	(2,335)	(2,244)	(2,189)	(2,159)	(2,130)	(2,104)	(2,072)	(2,047)	(2,039)	(2,032)	(2,032)	(2,023)	(408,338)
Project Net	90,994	18,168	(4,138)	(2,446)	(1,275)	(1,290)	(1,156)	(1,442)	(1,107)	(333)	(278)	67	(399)	95,364

Project No: 20001707 Deming Pure Project

Company: 001 Electric Services
Location: 200 Deming Electric Services

Project Information

County % Luna 100%

Estimated Start Date 12/1/2013

Estimated Completion Date 12/31/2027

Description
This project involves the replacement of damaged or obsolete equipment in PNM's distribution system. The specific equipment to be replaced typically includes lightning arrestors, cross-arms, cut-outs, capacitors, and insulators. The project includes costs for internal labor, equipment, materials, transportation, and contractors if they are needed.

Project Need Justification
Replacing damaged or obsolete equipment in the distribution system ensures that PNM maintains reliable service while reducing hazardous conditions, which improves safety for PNM personnel, customers, and the public. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines the requirements for following electrical and safety standards (National Electric Safety Code), minimizing interruption of service, and protective safety measures. Work needed for repairing and replacing aging distribution components is identified during routine inspections, line patrols, as well as findings when responding to outages.

Project Alternatives
No alternatives are available for this project, as it is necessary to ensure system reliability and minimize hazardous risks to PNM personnel, customers, and the public. Projects are created based on equipment conditions as determined from inspections, line patrols, and outage records.

Project Estimate Approach
PNM maintains detailed historical records of equipment replacement activities. These records allow PNM to estimate typical future annual replacement projections and needs. This project estimate is established by analyzing the most recent 12-month actual spend to estimate costs for the forecast period.

Customer Benefit
Replacing damaged and obsolete equipment increases reliability of PNM's distribution system while also improving safety conditions for PNM employees, customers, and the public.

Primary Value Driver Reliability
Safety Replacing damaged or obsolete distribution components reduces PNM employee, customer, and public exposure to possible hazards and increases the overall safety of the distribution system.
Reliability Replacing damaged or obsolete distribution components reduces outages and increases overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	20001707 Deming Pure Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	166,048	208	208	208	208	208	208	167,297
120: Overtime-General	44,190	-	-	-	-	-	-	44,190
350: Material Issues-Major	101,613	250	416	83	416	375	291	103,444
370: Outside Services	705,379	8,367	8,367	8,367	8,367	8,367	8,367	755,579
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	106,710	-	-	-	-	-	-	106,710
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,474	16	16	16	16	16	16	15,569
914: Pension and Benefits	52,027	45	45	45	45	45	45	52,296
915: Injuries and Damages	15,472	18	18	18	18	18	18	15,579
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	20,833	67	112	22	112	100	78	21,325
922: Minor Material Load	11,128	-	-	-	-	-	-	11,128
925: E&S Loads	114,779	1,113	1,134	1,092	1,134	1,128	1,118	121,497
926: A&G Loads	78,179	349	356	343	356	354	351	80,289
928: AFUDC Debt	4,989	-	-	-	-	-	-	4,989
929: AFUDC Equity	10,286	-	-	-	-	-	-	10,286
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,052,438)	(27,444)	-	-	(44,156)	-	(23,688)	(1,147,726)
825: Closing Cost of Removal	(340,546)	(4,833)	-	-	(6,894)	-	(3,405)	(355,676)
Project Net	54,122	(21,845)	10,671	10,194	(40,379)	10,611	(16,600)	6,773

Project No:	20001707 Deming Pure Project													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	167,297	212	212	212	212	212	212	212	212	212	212	212	212	169,844
120: Overtime-General	44,190	42	42	42	42	42	42	42	42	42	42	42	42	44,402
350: Material Issues-Major	103,444	42	849	425	849	425	425	255	425	85	425	382	297	108,326
370: Outside Services	755,579	8,417	8,417	8,417	8,417	8,417	8,417	8,417	8,417	8,417	8,417	8,417	8,417	856,579
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	106,710	79	42	42	42	42	42	42	42	42	42	42	42	106,958
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,569	19	19	19	19	19	16	16	16	16	16	16	16	15,776
914: Pension and Benefits	52,296	59	59	59	59	59	49	49	49	49	49	49	49	52,931
915: Injuries and Damages	15,579	25	25	25	25	25	21	21	21	21	21	21	21	15,853
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	21,325	12	241	120	241	120	120	72	120	24	120	108	84	22,708
922: Minor Material Load	11,128	-	-	-	-	-	-	-	-	-	-	-	-	11,128
925: E&S Loads	121,497	1,023	1,112	1,063	1,112	1,063	1,051	1,032	1,051	1,012	1,051	1,046	1,036	134,148
926: A&G Loads	80,289	316	343	328	343	328	325	319	325	313	325	324	320	84,198
928: AFUDC Debt	4,989	-	-	-	-	-	-	-	-	-	-	-	-	4,989
929: AFUDC Equity	10,286	-	-	-	-	-	-	-	-	-	-	-	-	10,286
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,147,726)	(2,988)	(4,390)	(5,404)	(6,323)	(6,951)	(7,433)	(7,775)	(8,092)	(8,260)	(8,480)	(8,645)	(35,023)	(1,257,490)
825: Closing Cost of Removal	(355,676)	(416)	(606)	(743)	(867)	(951)	(1,016)	(1,063)	(1,105)	(1,128)	(1,158)	(1,180)	(4,779)	(370,687)
Project Net	6,773	6,842	6,366	4,606	4,172	2,850	2,187	1,555	1,439	761	999	750	(29,349)	9,950

Project No:	20001707 Deming Pure Project													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	169,844	215	215	215	215	215	215	215	215	215	215	215	215	172,428
120: Overtime-General	44,402	43	43	43	43	43	43	43	43	43	43	43	43	44,617
350: Material Issues-Major	108,326	43	861	431	861	431	431	258	431	86	431	388	301	113,280
370: Outside Services	856,579	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	958,579
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	106,958	80	43	43	43	43	43	43	43	43	43	43	43	107,210
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,776	19	19	19	19	19	16	16	16	16	16	16	16	15,987
914: Pension and Benefits	52,931	60	60	60	60	60	50	50	50	50	50	50	50	53,576
915: Injuries and Damages	15,853	26	26	26	26	26	21	21	21	21	21	21	21	16,132
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	22,708	12	244	122	244	122	122	73	122	24	122	110	85	24,112
922: Minor Material Load	11,128	-	-	-	-	-	-	-	-	-	-	-	-	11,128
925: E&S Loads	134,148	1,033	1,123	1,074	1,123	1,074	1,062	1,042	1,062	1,022	1,062	1,057	1,047	146,929
926: A&G Loads	84,198	386	420	402	420	402	398	390	398	383	398	396	392	88,983
928: AFUDC Debt	4,989	-	-	-	-	-	-	-	-	-	-	-	-	4,989
929: AFUDC Equity	10,286	-	-	-	-	-	-	-	-	-	-	-	-	10,286
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,257,490)	(3,585)	(4,902)	(5,846)	(6,710)	(7,293)	(7,738)	(8,050)	(8,343)	(8,491)	(8,696)	(8,849)	(35,800)	(1,371,791)
825: Closing Cost of Removal	(370,687)	(489)	(669)	(797)	(915)	(995)	(1,055)	(1,098)	(1,138)	(1,158)	(1,186)	(1,207)	(4,882)	(386,274)
Project Net	9,950	6,344	5,985	4,291	3,930	2,647	2,022	1,419	1,334	670	933	697	(30,054)	10,171

Project No: 20002121 **Hondale 12 Rebuild**
Company: 001 Electric Services
Location: 200 Deming Electric Services

Project Information County % Luna 100%

Estimated Start Date 2/1/2021
 Estimated Completion Date 12/31/2023

Description

The purpose of this project is to rebuild sections of Hondale Feeder 12. These sections in order of priority are as follows:

1. Rebuild overhead along Columbus Rd and Camino Doce Rd between Pole H79C046 (Sunshine Rd) and Pole H81A028 (Camino Doce Rd) including laterals including reconductoring copper primary conductor to PNM standard conductor.
2. Rebuild overhead along Sunshine Rd east of Columbus Rd between Pole H79C046 and Pole I79D006. Also included is the lateral going south of Pole I79C020 including reconductoring copper primary conductor to PNM standard conductor.
3. Rebuild overhead along Columbus Rd between Pole H75C065 (Solano Rd SE) and Pole H79C046 (Sunshine Rd) and overhead going west to Hondale Substation. No reconductor is required. Ground line decay has been observed on numerous poles in this section.
4. Rebuild overhead along Columbus Rd south of Camino Doce Rd between Pole H81A028 (Camino Doce Rd) and Pole H81D019 (Elote Rd). Also included is the lateral going south of Pole H81D016 including reconductoring copper primary conductor to PNM standard conductor.

Project Need Justification

This project's mission is to improve the safety, reliability, resiliency, and performance of Hondale Feeder 12 in the Deming Service Area. Of the 15 distribution feeders in the Deming Service Area, Hondale Feeder 12 has been the worst performing feeder in the last several years. The top five causes for outages on this feeder are lightning, down conductor, substation equipment issues, bird related outage, and conductor slap primary.

Project Alternatives

The only alternative is to continue to perform repairs on the feeder annually or as needed, This alternative only delays the total rebuild of the feeder, and is not a viable long-term solution.

Project Estimate Approach

The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit

Customers benefit from increased integrity of PNM's overhead distribution system which leads to greater reliability and public and personnel safety.

Primary Value Driver Reliability
 Safety

Reliability The Hondale Feeder 12 has been the worst performing feeder in the last several years in the area. By rebuilding this feeder, overall reliability and system performance will be improved.

System Performance

Security

Compliance

Environmental

Project No:	20002121 Hondale 12 Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	64	6,944	6,944	6,944	6,944	6,944	6,944	41,730
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	232,516	31,250	31,250	-	-	-	-	295,016
370: Outside Services	757,715	41,667	41,667	41,667	41,667	41,667	41,667	1,007,715
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5	526	526	526	526	526	526	3,159
914: Pension and Benefits	14	1,494	1,494	1,494	1,494	1,494	1,494	8,981
915: Injuries and Damages	5	594	594	594	594	594	594	3,572
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	7,489	8,380	8,380	-	-	-	-	24,248
922: Minor Material Load	4,267	-	-	-	-	-	-	4,267
925: E&S Loads	85,508	10,309	10,309	6,403	6,403	6,403	6,403	131,740
926: A&G Loads	41,772	3,163	3,163	1,925	1,925	1,925	1,925	55,797
928: AFUDC Debt	4,245	1,391	1,527	1,636	1,718	1,800	1,883	14,201
929: AFUDC Equity	12,574	3,338	3,665	3,927	4,124	4,321	4,520	36,470
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	1,146,174	109,056	109,520	65,117	65,396	65,675	65,956	1,626,895

Project No:	20002121 Hondale 12 Rebuild													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	41,730	-	-	-	-	-	-	-	-	-	-	-	-	41,730
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	295,016	-	-	-	-	-	-	-	-	-	-	-	-	295,016
370: Outside Services	1,007,715	39,580	25,000	25,000	41,666	41,666	25,000	41,666	41,666	25,000	41,666	25,000	25,000	1,405,625
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,159	-	-	-	-	-	-	-	-	-	-	-	-	3,159
914: Pension and Benefits	8,981	-	-	-	-	-	-	-	-	-	-	-	-	8,981
915: Injuries and Damages	3,572	-	-	-	-	-	-	-	-	-	-	-	-	3,572
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	24,248	-	-	-	-	-	-	-	-	-	-	-	-	24,248
922: Minor Material Load	4,267	-	-	-	-	-	-	-	-	-	-	-	-	4,267
925: E&S Loads	131,740	4,552	2,875	2,875	4,792	4,792	2,875	4,792	4,792	2,875	4,792	2,875	2,875	177,500
926: A&G Loads	55,797	1,421	898	898	1,496	1,496	898	1,496	1,496	898	1,496	898	898	70,082
928: AFUDC Debt	14,201	2,947	3,031	3,099	3,186	3,291	3,379	3,467	3,574	3,663	3,752	3,842	3,915	55,347
929: AFUDC Equity	36,470	3,759	3,866	3,954	4,064	4,199	4,310	4,423	4,559	4,672	4,786	4,901	4,994	88,957
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(1,862,828)	(1,862,828)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(315,656)	(315,656)
Project Net	1,626,895	52,259	35,670	35,826	55,204	55,443	36,462	55,843	56,086	37,107	56,492	37,516	(2,140,803)	0

Project No:	20002121 Hondale 12 Rebuild													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	41,730	-	-	-	-	-	-	-	-	-	-	-	-	41,730
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	295,016	-	-	-	-	-	-	-	-	-	-	-	-	295,016
370: Outside Services	1,405,625	-	-	-	-	-	-	-	-	-	-	-	-	1,405,625
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,159	-	-	-	-	-	-	-	-	-	-	-	-	3,159
914: Pension and Benefits	8,981	-	-	-	-	-	-	-	-	-	-	-	-	8,981
915: Injuries and Damages	3,572	-	-	-	-	-	-	-	-	-	-	-	-	3,572
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	24,248	-	-	-	-	-	-	-	-	-	-	-	-	24,248
922: Minor Material Load	4,267	-	-	-	-	-	-	-	-	-	-	-	-	4,267
925: E&S Loads	177,500	-	-	-	-	-	-	-	-	-	-	-	-	177,500
926: A&G Loads	70,082	-	-	-	-	-	-	-	-	-	-	-	-	70,082
928: AFUDC Debt	55,347	-	-	-	-	-	-	-	-	-	-	-	-	55,347
929: AFUDC Equity	88,957	-	-	-	-	-	-	-	-	-	-	-	-	88,957
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,862,828)	-	-	-	-	-	-	-	-	-	-	-	-	(1,862,828)
825: Closing Cost of Removal	(315,656)	-	-	-	-	-	-	-	-	-	-	-	-	(315,656)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 30000107 Line Extensions - Residential

Company: 001 Electric Services
Location: 300 Las Vegas Electric Services

Project Information

County % San Miguel 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service or to upgrade existing services. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new or existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
The customer benefit from this project is electric service to their new or existing home.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:

30000107 Line Extensions - Residential

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	61,020	490	365	401	202	770	691	63,938
120: Overtime-General	3,053	-	-	-	-	-	-	3,053
350: Material Issues-Major	66,021	419	312	343	173	658	591	68,517
370: Outside Services	35,684	831	619	681	343	1,306	1,172	40,637
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,481	-	-	-	-	-	-	2,481
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	26,446	-	-	-	-	-	-	26,446
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(185,601)	(307)	(228)	(251)	(127)	(482)	(433)	(187,430)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,755	37	28	30	15	58	52	4,975
914: Pension and Benefits	16,556	105	78	86	44	166	149	17,184
915: Injuries and Damages	4,878	42	31	34	17	66	59	5,127
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	7,045	112	84	92	46	177	158	7,714
922: Minor Material Load	5,681	-	-	-	-	-	-	5,681
925: E&S Loads	28,971	241	179	197	99	378	339	30,405
926: A&G Loads	10,676	69	51	56	28	108	97	11,087
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(62,040)	(4,044)	(3,556)	(3,181)	(2,742)	(2,756)	(2,715)	(81,035)
825: Closing Cost of Removal	(1,925)	(589)	(516)	(459)	(395)	(393)	(384)	(4,660)
Project Net	23,698	(2,593)	(2,554)	(1,969)	(2,295)	56	(223)	14,120

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	63,938	1,058	472	400	774	489	648	502	374	411	207	789	708	70,769
120: Overtime-General	3,053	-	-	-	-	-	-	-	-	-	-	-	-	3,053
350: Material Issues-Major	68,517	896	400	339	655	414	549	425	317	349	176	668	600	74,304
370: Outside Services	40,637	1,778	793	672	1,300	821	1,088	844	628	691	348	1,326	1,190	52,116
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,481	-	-	-	-	-	-	-	-	-	-	-	-	2,481
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	26,446	-	-	-	-	-	-	-	-	-	-	-	-	26,446
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(187,430)	(656)	(293)	(248)	(480)	(303)	(402)	(311)	(232)	(255)	(129)	(489)	(439)	(191,667)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,975	80	36	30	58	37	49	38	28	31	16	59	53	5,490
914: Pension and Benefits	17,184	244	109	92	178	113	149	116	86	95	48	182	163	18,757
915: Injuries and Damages	5,127	105	47	40	77	49	64	50	37	41	21	78	70	5,807
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,714	254	113	96	186	117	156	121	90	99	50	189	170	9,355
922: Minor Material Load	5,681	-	-	-	-	-	-	-	-	-	-	-	-	5,681
925: E&S Loads	30,405	479	213	181	350	221	293	227	169	186	94	357	320	33,494
926: A&G Loads	11,087	134	60	51	98	62	82	64	47	52	26	100	90	11,952
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(81,035)	(2,919)	(2,702)	(2,478)	(2,538)	(2,401)	(2,393)	(2,290)	(2,123)	(2,010)	(1,784)	(1,979)	(2,086)	(108,736)
825: Closing Cost of Removal	(4,660)	(409)	(378)	(346)	(352)	(333)	(330)	(316)	(292)	(276)	(245)	(271)	(286)	(8,495)
Project Net	14,120	1,043	(1,131)	(1,171)	306	(714)	(47)	(532)	(871)	(586)	(1,173)	1,009	554	10,805

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	70,769	1,084	483	410	793	501	664	515	383	422	212	809	726	77,771
120: Overtime-General	3,053	-	-	-	-	-	-	-	-	-	-	-	-	3,053
350: Material Issues-Major	74,304	910	406	344	665	420	557	432	321	354	178	678	609	80,177
370: Outside Services	52,116	1,805	805	682	1,319	834	1,105	856	638	702	353	1,345	1,208	63,768
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,481	-	-	-	-	-	-	-	-	-	-	-	-	2,481
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	26,446	-	-	-	-	-	-	-	-	-	-	-	-	26,446
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(191,667)	(666)	(297)	(252)	(487)	(308)	(408)	(316)	(235)	(259)	(130)	(497)	(446)	(195,968)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,490	82	36	31	60	38	50	39	29	32	16	61	55	6,017
914: Pension and Benefits	18,757	250	111	94	183	115	153	119	88	97	49	186	167	20,369
915: Injuries and Damages	5,807	108	48	41	79	50	66	51	38	42	21	80	72	6,504
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,355	258	115	97	189	119	158	122	91	100	51	192	173	11,019
922: Minor Material Load	5,681	-	-	-	-	-	-	-	-	-	-	-	-	5,681
925: E&S Loads	33,494	487	217	184	356	225	298	231	172	190	95	363	326	36,641
926: A&G Loads	11,952	165	74	62	121	76	101	78	58	64	32	123	111	13,019
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(108,736)	(2,421)	(2,301)	(2,156)	(2,287)	(2,203)	(2,241)	(2,175)	(2,034)	(1,944)	(1,733)	(1,951)	(2,075)	(134,256)
825: Closing Cost of Removal	(8,495)	(331)	(315)	(295)	(312)	(301)	(306)	(297)	(278)	(265)	(237)	(266)	(283)	(11,980)
Project Net	10,805	1,731	(618)	(756)	678	(433)	197	(345)	(728)	(466)	(1,092)	1,125	642	10,741

Project No: 30000207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 300 Las Vegas Electric Services

Project Information

County % San Miguel 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new non-residential customers or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new and existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	30000207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	234,695	387	387	349	418	260	258	236,754
120: Overtime-General	15,542	23	23	21	25	15	15	15,665
350: Material Issues-Major	285,386	147	147	132	158	99	98	286,167
370: Outside Services	177,436	404	404	364	436	271	269	179,585
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,137	-	-	-	-	-	-	7,137
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	103,559	-	-	-	-	-	-	103,559
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(789,353)	26	26	23	28	17	17	(789,217)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,460	31	31	28	33	21	21	18,625
914: Pension and Benefits	68,053	88	88	80	95	59	59	68,523
915: Injuries and Damages	18,351	35	35	32	38	24	23	18,538
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	32,325	39	39	35	43	26	26	32,535
922: Minor Material Load	22,321	-	-	-	-	-	-	22,321
925: E&S Loads	140,420	140	140	126	150	94	93	141,162
926: A&G Loads	50,059	38	38	34	41	26	25	50,261
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(354,382)	(1,616)	(1,524)	(1,425)	(1,395)	(1,265)	(1,162)	(362,769)
825: Closing Cost of Removal	(23,860)	(36)	(64)	(82)	(103)	(104)	(105)	(24,354)
Project Net	6,151	(293)	(229)	(284)	(33)	(457)	(362)	4,493

Project No:	30000207 Line Extensions - Commercial													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	236,754	397	296	406	397	423	381	397	397	358	428	267	265	241,166
120: Overtime-General	15,665	24	18	24	24	25	23	24	24	21	25	16	16	15,927
350: Material Issues-Major	286,167	149	111	152	149	159	143	149	149	134	161	100	99	287,825
370: Outside Services	179,585	410	305	419	410	438	394	410	410	369	442	276	273	184,143
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,137	-	-	-	-	-	-	-	-	-	-	-	-	7,137
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	103,559	-	-	-	-	-	-	-	-	-	-	-	-	103,559
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(789,217)	26	19	27	26	28	25	26	26	23	28	17	17	(788,927)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,625	32	24	32	32	34	30	32	32	29	34	21	21	18,977
914: Pension and Benefits	68,523	97	72	99	97	103	93	97	97	87	104	65	65	69,599
915: Injuries and Damages	18,538	42	31	43	42	45	40	42	42	38	45	28	28	19,003
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	32,535	42	31	43	42	45	41	42	42	38	46	28	28	33,005
922: Minor Material Load	22,321	-	-	-	-	-	-	-	-	-	-	-	-	22,321
925: E&S Loads	141,162	132	98	135	132	141	127	132	132	119	143	89	88	142,632
926: A&G Loads	50,261	35	26	36	35	38	34	35	35	32	38	24	23	50,652
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(362,769)	(1,175)	(1,116)	(1,145)	(1,161)	(1,192)	(1,188)	(1,195)	(1,200)	(1,178)	(1,208)	(1,123)	(1,055)	(376,705)
825: Closing Cost of Removal	(24,354)	(119)	(120)	(131)	(139)	(147)	(150)	(154)	(156)	(155)	(160)	(150)	(141)	(26,075)
Project Net	4,493	93	(204)	141	86	139	(6)	38	30	(84)	126	(341)	(272)	4,239

Project No:	30000207 Line Extensions - Commercial													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	241,166	407	303	416	407	434	391	407	407	366	439	273	271	245,687
120: Overtime-General	15,927	24	18	25	24	26	23	24	24	22	26	16	16	16,196
350: Material Issues-Major	287,825	151	113	155	151	162	145	151	151	136	163	102	101	289,507
370: Outside Services	184,143	416	310	426	416	444	400	416	416	375	449	280	278	188,770
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,137	-	-	-	-	-	-	-	-	-	-	-	-	7,137
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	103,559	-	-	-	-	-	-	-	-	-	-	-	-	103,559
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(788,927)	26	20	27	26	28	25	26	26	24	28	18	18	(788,634)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,977	32	24	33	32	35	31	32	32	29	35	22	22	19,337
914: Pension and Benefits	69,599	99	74	101	99	106	95	99	99	89	107	67	66	70,702
915: Injuries and Damages	19,003	43	32	44	43	46	41	43	43	39	46	29	29	19,480
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	33,005	43	32	44	43	46	41	43	43	39	46	29	29	33,482
922: Minor Material Load	22,321	-	-	-	-	-	-	-	-	-	-	-	-	22,321
925: E&S Loads	142,632	135	100	138	135	144	130	135	135	122	146	91	90	144,132
926: A&G Loads	50,652	43	32	44	43	46	42	43	43	39	47	29	29	51,135
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(376,705)	(1,098)	(1,061)	(1,109)	(1,140)	(1,183)	(1,187)	(1,201)	(1,212)	(1,193)	(1,227)	(1,142)	(1,074)	(390,532)
825: Closing Cost of Removal	(26,075)	(148)	(143)	(150)	(154)	(161)	(161)	(163)	(165)	(162)	(167)	(156)	(146)	(27,952)
Project Net	4,239	176	(146)	194	127	173	17	57	45	(76)	138	(343)	(273)	4,328

Project No: 30000607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 300 Las Vegas Electric Services

Project Information

County % San Miguel 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
 This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including, but not limited to, insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification
 This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.
 Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives
 This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach
 Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit
 Customers benefit through outage restoration and increased reliability by maintaining the distribution system integrity through the replacement of damaged equipment and equipment taken out of service by storms or other events or deteriorated equipment through normal aging.

Primary Value Driver Compliance

Safety

Reliability Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	30000607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	258,379	2,422	1,963	1,855	2,125	2,143	1,071	269,958
120: Overtime-General	60,139	-	-	-	-	-	-	60,139
350: Material Issues-Major	222,249	940	762	720	824	832	416	226,742
370: Outside Services	75,057	1,873	1,517	1,434	1,643	1,657	828	84,009
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,169	-	-	-	-	-	-	11,169
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	133,389	-	-	-	-	-	-	133,389
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(151,805)	-	-	-	-	-	-	(151,805)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,863	183	149	140	161	162	81	24,739
914: Pension and Benefits	84,189	521	422	399	457	461	230	86,681
915: Injuries and Damages	24,201	207	168	159	182	183	92	25,192
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	16,943	252	204	193	221	223	111	18,148
922: Minor Material Load	27,403	-	-	-	-	-	-	27,403
925: E&S Loads	122,319	768	623	589	674	680	340	125,992
926: A&G Loads	41,484	207	168	159	182	183	92	42,475
928: AFUDC Debt	6	-	-	-	-	-	-	6
929: AFUDC Equity	1	-	-	-	-	-	-	1
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(710,025)	(2,380)	(2,726)	(2,995)	(3,319)	(3,610)	(3,521)	(728,575)
825: Closing Cost of Removal	(215,264)	(1,348)	(1,272)	(1,201)	(1,150)	(1,106)	(1,020)	(222,362)
Project Net	23,696	3,646	1,978	1,452	1,999	1,810	(1,280)	33,301

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	269,958	5,339	2,088	2,142	2,491	1,527	2,462	2,483	2,012	1,902	2,178	2,197	1,098	297,877
120: Overtime-General	60,139	-	-	-	-	-	-	-	-	-	-	-	-	60,139
350: Material Issues-Major	226,742	2,051	802	823	957	587	946	954	773	731	837	844	422	237,468
370: Outside Services	84,009	4,087	1,598	1,640	1,907	1,169	1,885	1,901	1,540	1,456	1,667	1,682	840	105,382
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,169	-	-	-	-	-	-	-	-	-	-	-	-	11,169
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	133,389	-	-	-	-	-	-	-	-	-	-	-	-	133,389
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(151,805)	-	-	-	-	-	-	-	-	-	-	-	-	(151,805)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	24,739	402	157	161	188	115	185	187	152	143	164	165	83	26,841
914: Pension and Benefits	86,681	1,230	481	493	574	352	567	572	463	438	502	506	253	93,111
915: Injuries and Damages	25,192	531	208	213	248	152	245	247	200	189	217	219	109	27,970
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	18,148	581	227	233	271	166	268	270	219	207	237	239	120	21,188
922: Minor Material Load	27,403	-	-	-	-	-	-	-	-	-	-	-	-	27,403
925: E&S Loads	125,992	1,569	613	629	732	449	723	730	591	559	640	645	323	134,195
926: A&G Loads	42,475	412	161	165	192	118	190	192	155	147	168	170	85	44,629
928: AFUDC Debt	6	-	-	-	-	-	-	-	-	-	-	-	-	6
929: AFUDC Equity	1	-	-	-	-	-	-	-	-	-	-	-	-	1
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(728,575)	(4,809)	(4,901)	(4,999)	(5,198)	(5,064)	(5,245)	(5,411)	(5,407)	(5,367)	(5,421)	(5,475)	(5,170)	(791,042)
825: Closing Cost of Removal	(222,362)	(1,131)	(1,087)	(1,050)	(1,033)	(976)	(966)	(959)	(932)	(903)	(890)	(879)	(821)	(233,987)
Project Net	33,301	10,262	348	451	1,330	(1,404)	1,260	1,165	(233)	(499)	298	314	(2,659)	43,934

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	297,877	5,473	2,140	2,195	2,554	1,566	2,523	2,545	2,062	1,949	2,232	2,252	1,125	326,493
120: Overtime-General	60,139	-	-	-	-	-	-	-	-	-	-	-	-	60,139
350: Material Issues-Major	237,468	2,082	814	835	972	596	960	968	785	742	849	857	428	248,356
370: Outside Services	105,382	4,149	1,622	1,664	1,936	1,187	1,913	1,929	1,563	1,478	1,692	1,707	853	127,076
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	11,169	-	-	-	-	-	-	-	-	-	-	-	-	11,169
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	133,389	-	-	-	-	-	-	-	-	-	-	-	-	133,389
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(151,805)	-	-	-	-	-	-	-	-	-	-	-	-	(151,805)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	26,841	412	161	165	192	118	190	192	155	147	168	170	85	28,996
914: Pension and Benefits	93,111	1,260	493	506	588	361	581	586	475	449	514	519	259	99,701
915: Injuries and Damages	27,970	545	213	218	254	156	251	253	205	194	222	224	112	30,817
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	21,188	590	231	237	275	169	272	274	222	210	241	243	121	24,274
922: Minor Material Load	27,403	-	-	-	-	-	-	-	-	-	-	-	-	27,403
925: E&S Loads	134,195	1,601	626	642	747	458	738	744	603	570	653	659	329	142,566
926: A&G Loads	44,629	509	199	204	238	146	235	237	192	181	208	209	105	47,291
928: AFUDC Debt	6	-	-	-	-	-	-	-	-	-	-	-	-	6
929: AFUDC Equity	1	-	-	-	-	-	-	-	-	-	-	-	-	1
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(791,042)	(6,304)	(6,234)	(6,190)	(6,266)	(6,016)	(6,104)	(6,187)	(6,106)	(5,999)	(5,995)	(5,998)	(5,639)	(864,081)
825: Closing Cost of Removal	(233,987)	(962)	(940)	(923)	(924)	(882)	(886)	(891)	(875)	(855)	(850)	(846)	(794)	(244,617)
Project Net	43,934	9,354	(675)	(446)	565	(2,144)	674	650	(718)	(934)	(65)	(5)	(3,015)	47,174

Project No: 30000807 Services

Company: 001 Electric Services
Location: 300 Las Vegas Electric Services

Project Information

County % San Miguel 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project covers the expenses for the installation, connection, and in the case of service retirement, disconnection and removal, of PNM customer access or "services" in San Miguel County. Services include overhead and underground conductors connecting the PNM distribution system to the customer. Materials to be purchased include overhead and underground service wires and associated connecting or terminating equipment.

Project Need Justification
PNM is obligated to serve customers within its service territory. PNM and the customers' service cost responsibilities are defined within PNM's Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210. This project covers the expenses associated with labor, materials, outside services (contractors), and transportation required for PNM to meet its obligation to serve customers by either connecting or disconnecting electrical service to customer facilities.

Project Alternatives
As PNM is obligated to serve customers in its territory there are few alternatives to this project. However, if a customer prefers a more expensive connection to PNM's distribution network (e.g., if a residential customer in an area served by overhead lines prefers an underground service) the customer must provide the service wires per PNM rules and is response for covering a portion of the increased costs.

Project Estimate Approach
Since the amount, length, and types of services to be installed each year is unknown at the time of budget preparation, the budget is estimated by applying escalation factors to historical spend for similar activities. The initial budget for this project was developed by cost escalation factors to the most recent 12-month actual spend. An adjustment was made to the actual spend to account for expected cost increases for a planned change in the installation practice for residential underground services from direct buried wired to installation of service wire in conduit. Labor and non-labor cost components are escalated using customary annual expected cost increase percentages supplied by PNM Budget.

Customer Benefit
This project provides funding for customers services and connections enabling power delivery to customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Enables PNM's compliance with Rules and Regulations, specifically Rules 15, 16 and 18 with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	30000807 Services							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	668,851	5,122	5,168	5,400	5,402	5,518	5,343	700,804
120: Overtime-General	14,480	190	191	200	200	204	198	15,663
350: Material Issues-Major	126,530	90	90	95	95	97	94	127,089
370: Outside Services	33,050	193	194	203	203	207	201	34,251
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,379	-	-	-	-	-	-	7,379
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	298,568	6	6	6	6	6	6	298,604
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	51,120	402	406	424	424	433	419	53,628
914: Pension and Benefits	175,224	1,143	1,153	1,205	1,206	1,231	1,193	182,355
915: Injuries and Damages	51,313	455	459	479	480	490	474	54,150
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	7,896	24	24	25	25	26	25	8,046
922: Minor Material Load	5,395	-	-	-	-	-	-	5,395
925: E&S Loads	172,764	950	958	1,001	1,002	1,023	991	178,690
926: A&G Loads	54,240	222	224	234	234	239	231	55,623
928: AFUDC Debt	7,240	-	-	-	-	-	-	7,240
929: AFUDC Equity	1,698	-	-	-	-	-	-	1,698
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,433,458)	(10,711)	(10,276)	(9,958)	(9,689)	(9,486)	(9,275)	(1,492,854)
825: Closing Cost of Removal	(174,345)	(800)	(840)	(880)	(915)	(949)	(971)	(179,700)
Project Net	67,946	(2,716)	(2,242)	(1,567)	(1,329)	(960)	(1,071)	58,061

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	700,804	12,478	4,799	5,219	5,534	5,453	5,430	5,250	5,297	5,535	5,537	5,656	5,477	772,469
120: Overtime-General	15,663	462	178	193	205	202	201	194	196	205	205	210	203	18,318
350: Material Issues-Major	127,089	216	83	90	96	95	94	91	92	96	96	98	95	128,332
370: Outside Services	34,251	464	179	194	206	203	202	195	197	206	206	210	204	36,918
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,379	-	-	-	-	-	-	-	-	-	-	-	-	7,379
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	298,604	14	5	6	6	6	6	6	6	6	6	6	6	298,682
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	53,628	974	375	408	432	426	424	410	414	432	432	442	428	59,225
914: Pension and Benefits	182,355	2,980	1,146	1,247	1,322	1,302	1,297	1,254	1,265	1,322	1,322	1,351	1,308	199,471
915: Injuries and Damages	54,150	1,288	495	539	571	563	560	542	547	571	571	584	565	61,544
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,046	61	24	26	27	27	27	26	26	27	27	28	27	8,399
922: Minor Material Load	5,395	-	-	-	-	-	-	-	-	-	-	-	-	5,395
925: E&S Loads	178,690	2,171	835	908	963	949	945	913	921	963	963	984	953	191,157
926: A&G Loads	55,623	489	188	205	217	214	213	206	208	217	217	222	215	58,434
928: AFUDC Debt	7,240	-	-	-	-	-	-	-	-	-	-	-	-	7,240
929: AFUDC Equity	1,698	-	-	-	-	-	-	-	-	-	-	-	-	1,698
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,492,854)	(10,734)	(10,221)	(9,880)	(9,663)	(9,459)	(9,281)	(9,088)	(8,935)	(8,860)	(8,796)	(8,769)	(8,705)	(1,605,244)
825: Closing Cost of Removal	(179,700)	(1,215)	(1,182)	(1,167)	(1,165)	(1,160)	(1,155)	(1,145)	(1,139)	(1,140)	(1,142)	(1,147)	(1,145)	(193,601)
Project Net	58,061	9,650	(3,096)	(2,013)	(1,248)	(1,180)	(1,037)	(1,147)	(906)	(419)	(354)	(126)	(370)	55,817

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	772,469	12,790	4,919	5,350	5,673	5,590	5,566	5,381	5,429	5,673	5,675	5,797	5,614	845,926
120: Overtime-General	18,318	474	182	198	210	207	206	199	201	210	210	215	208	21,039
350: Material Issues-Major	128,332	220	84	92	97	96	96	92	93	97	97	100	96	129,593
370: Outside Services	36,918	471	181	197	209	206	205	198	200	209	209	214	207	39,625
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	7,379	-	-	-	-	-	-	-	-	-	-	-	-	7,379
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	298,682	14	5	6	6	6	6	6	6	6	6	6	6	298,761
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,225	999	384	418	443	437	435	420	424	443	443	453	438	64,961
914: Pension and Benefits	199,471	3,055	1,175	1,278	1,355	1,335	1,329	1,285	1,297	1,355	1,355	1,385	1,341	217,015
915: Injuries and Damages	61,544	1,320	508	552	585	577	574	555	560	585	586	598	579	69,124
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,399	62	24	26	28	27	27	26	26	28	28	28	27	8,756
922: Minor Material Load	5,395	-	-	-	-	-	-	-	-	-	-	-	-	5,395
925: E&S Loads	191,157	2,224	855	930	987	972	968	936	944	987	987	1,008	976	203,932
926: A&G Loads	58,434	608	234	254	270	266	264	256	258	270	270	275	267	61,924
928: AFUDC Debt	7,240	-	-	-	-	-	-	-	-	-	-	-	-	7,240
929: AFUDC Equity	1,698	-	-	-	-	-	-	-	-	-	-	-	-	1,698
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,605,244)	(10,334)	(9,913)	(9,654)	(9,507)	(9,364)	(9,237)	(9,086)	(8,969)	(8,926)	(8,889)	(8,886)	(8,842)	(1,716,851)
825: Closing Cost of Removal	(193,601)	(1,374)	(1,322)	(1,291)	(1,275)	(1,258)	(1,244)	(1,226)	(1,212)	(1,207)	(1,204)	(1,205)	(1,200)	(208,617)
Project Net	55,817	10,528	(2,683)	(1,644)	(920)	(904)	(804)	(956)	(742)	(270)	(227)	(13)	(281)	56,901

Project No: 41000107 Line Extensions - Residential

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service or to upgrade existing services. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new or existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new or existing home.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	41000107 Line Extensions - Residential							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,201,193	15,257	11,361	12,505	6,297	23,972	21,518	2,292,102
120: Overtime-General	86,154	475	354	389	196	747	670	88,986
350: Material Issues-Major	3,311,713	19,471	14,499	15,959	8,036	30,594	27,462	3,427,733
370: Outside Services	3,401,355	30,057	22,381	24,635	12,405	47,226	42,393	3,580,452
374: Outside Services Legal	901	-	-	-	-	-	-	901
377: Outside Svcs-Temp Labor	149,435	-	-	-	-	-	-	149,435
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	961,476	229	170	188	94	360	323	962,840
805: Land and Land Rights	350	-	-	-	-	-	-	350
807: Non Refundable Contrib	(10,719,670)	(49,377)	(36,768)	(40,470)	(20,379)	(77,583)	(69,642)	#####
829: Construction Adjustment	9,261	-	-	-	-	-	-	9,261
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	169,968	1,191	887	976	492	1,871	1,680	177,064
914: Pension and Benefits	601,968	3,385	2,521	2,775	1,397	5,319	4,775	622,141
915: Injuries and Damages	169,423	1,347	1,003	1,104	556	2,116	1,899	177,447
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	343,306	5,221	3,888	4,279	2,155	8,204	7,364	374,417
922: Minor Material Load	274,640	-	-	-	-	-	-	274,640
925: E&S Loads	1,533,126	8,926	6,647	7,316	3,684	14,026	12,590	1,586,316
926: A&G Loads	595,773	2,593	1,931	2,126	1,070	4,075	3,658	611,226
928: AFUDC Debt	3	-	-	-	-	-	-	3
929: AFUDC Equity	3	-	-	-	-	-	-	3
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,805,200)	(50,898)	(46,310)	(43,008)	(37,802)	(40,648)	(41,994)	(3,065,860)
825: Closing Cost of Removal	(42,552)	(2,634)	(2,784)	(2,969)	(2,780)	(3,596)	(4,130)	(61,444)
Project Net	242,626	(14,756)	(20,220)	(14,196)	(24,579)	16,682	8,566	194,123

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,292,102	32,958	14,693	12,457	24,096	15,226	20,174	15,638	11,645	12,817	6,454	24,571	22,056	2,504,886
120: Overtime-General	88,986	1,026	458	388	750	474	628	487	363	399	201	765	687	95,613
350: Material Issues-Major	3,427,733	41,651	18,569	15,743	30,451	19,243	25,496	19,763	14,716	16,198	8,157	31,053	27,874	3,696,647
370: Outside Services	3,580,452	64,296	28,664	24,301	47,007	29,704	39,357	30,508	22,717	25,005	12,591	47,935	43,028	3,995,563
374: Outside Services Legal	901	-	-	-	-	-	-	-	-	-	-	-	-	901
377: Outside Svcs-Temp Labor	149,435	-	-	-	-	-	-	-	-	-	-	-	-	149,435
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	962,840	490	218	185	358	226	300	232	173	190	96	365	328	966,002
805: Land and Land Rights	350	-	-	-	-	-	-	-	-	-	-	-	-	350
807: Non Refundable Contrib	(11,013,889)	(105,625)	(47,089)	(39,922)	(77,222)	(48,797)	(64,655)	(50,118)	(37,319)	(41,077)	(20,684)	(78,747)	(70,687)	(11,695,832)
829: Construction Adjustment	9,261	-	-	-	-	-	-	-	-	-	-	-	-	9,261
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	177,064	2,559	1,141	967	1,871	1,182	1,566	1,214	904	995	501	1,908	1,713	193,586
914: Pension and Benefits	622,141	7,827	3,489	2,958	5,722	3,616	4,791	3,714	2,765	3,044	1,533	5,835	5,238	672,672
915: Injuries and Damages	177,447	3,381	1,508	1,278	2,472	1,562	2,070	1,604	1,195	1,315	662	2,521	2,263	199,278
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	374,417	11,807	5,264	4,462	8,632	5,454	7,227	5,602	4,171	4,592	2,312	8,802	7,901	450,643
922: Minor Material Load	274,640	-	-	-	-	-	-	-	-	-	-	-	-	274,640
925: E&S Loads	1,586,316	17,732	7,905	6,702	12,964	8,192	10,854	8,413	6,265	6,896	3,472	13,220	11,866	1,700,796
926: A&G Loads	611,226	5,041	2,247	1,905	3,686	2,329	3,086	2,392	1,781	1,960	987	3,758	3,374	643,772
928: AFUDC Debt	3	-	-	-	-	-	-	-	-	-	-	-	-	3
929: AFUDC Equity	3	-	-	-	-	-	-	-	-	-	-	-	-	3
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,065,860)	(47,605)	(44,907)	(41,802)	(43,906)	(42,087)	(42,573)	(41,159)	(38,403)	(36,612)	(32,601)	(36,552)	(38,786)	(3,552,853)
825: Closing Cost of Removal	(61,444)	(5,182)	(5,050)	(4,820)	(5,265)	(5,147)	(5,320)	(5,215)	(4,910)	(4,725)	(4,226)	(4,804)	(5,141)	(121,251)
Project Net	194,123	30,355	(12,891)	(15,197)	11,615	(8,823)	3,000	(6,923)	(13,938)	(9,003)	(20,546)	20,630	11,714	184,116

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,504,886	33,782	15,060	12,768	24,698	15,607	20,678	16,029	11,936	13,138	6,615	25,185	22,608	2,722,991
120: Overtime-General	95,613	1,052	469	398	769	486	644	499	372	409	206	784	704	102,405
350: Material Issues-Major	3,696,647	42,276	18,847	15,979	30,908	19,531	25,878	20,060	14,937	16,441	8,279	31,518	28,292	3,969,594
370: Outside Services	3,995,563	65,260	29,094	24,666	47,712	30,149	39,947	30,965	23,058	25,380	12,780	48,654	43,674	4,416,901
374: Outside Services Legal	901	-	-	-	-	-	-	-	-	-	-	-	-	901
377: Outside Svcs-Temp Labor	149,435	-	-	-	-	-	-	-	-	-	-	-	-	149,435
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	966,002	497	222	188	363	230	304	236	176	193	97	371	333	969,211
805: Land and Land Rights	350	-	-	-	-	-	-	-	-	-	-	-	-	350
807: Non Refundable Contrib	(11,695,832)	(107,209)	(47,796)	(40,521)	(78,381)	(49,529)	(65,625)	(50,869)	(37,879)	(41,694)	(20,995)	(79,928)	(71,747)	(12,388,004)
829: Construction Adjustment	9,261	-	-	-	-	-	-	-	-	-	-	-	-	9,261
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	193,586	2,623	1,169	991	1,918	1,212	1,606	1,245	927	1,020	514	1,956	1,755	210,521
914: Pension and Benefits	672,672	8,022	3,576	3,032	5,865	3,706	4,911	3,806	2,834	3,120	1,571	5,981	5,369	724,466
915: Injuries and Damages	199,278	3,466	1,545	1,310	2,534	1,601	2,122	1,645	1,225	1,348	679	2,584	2,320	221,655
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	450,643	11,984	5,343	4,529	8,761	5,536	7,335	5,686	4,234	4,660	2,347	8,934	8,020	528,013
922: Minor Material Load	274,640	-	-	-	-	-	-	-	-	-	-	-	-	274,640
925: E&S Loads	1,700,796	18,053	8,048	6,823	13,198	8,340	11,050	8,566	6,378	7,021	3,535	13,459	12,081	1,817,348
926: A&G Loads	643,772	6,215	2,771	2,349	4,544	2,871	3,804	2,949	2,196	2,417	1,217	4,633	4,159	683,896
928: AFUDC Debt	3	-	-	-	-	-	-	-	-	-	-	-	-	3
929: AFUDC Equity	3	-	-	-	-	-	-	-	-	-	-	-	-	3
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,552,853)	(45,430)	(43,327)	(40,678)	(43,318)	(41,815)	(42,629)	(41,421)	(38,779)	(37,098)	(33,089)	(37,291)	(39,697)	(4,037,427)
825: Closing Cost of Removal	(121,251)	(6,074)	(5,809)	(5,466)	(5,840)	(5,647)	(5,768)	(5,612)	(5,258)	(5,034)	(4,492)	(5,069)	(5,400)	(186,719)
Project Net	184,116	34,516	(10,787)	(13,632)	13,731	(7,723)	4,257	(6,217)	(13,645)	(8,679)	(20,735)	21,771	12,470	189,445

Project No: 41000207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new non-residential customers.

Project Alternatives
Because this project is necessary for PNM to serve new customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	41000207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,905,888	5,490	5,490	4,944	5,920	3,688	3,660	1,935,081
120: Overtime-General	136,875	362	362	326	390	243	241	138,799
350: Material Issues-Major	4,734,267	39,071	39,071	35,186	42,130	26,243	26,048	4,942,015
370: Outside Services	3,755,336	10,722	10,722	9,656	11,562	7,202	7,148	3,812,349
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	156,416	-	-	-	-	-	-	156,416
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	727,942	414	414	373	447	278	276	730,146
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(10,228,244)	(30,145)	(30,145)	(27,148)	(32,505)	(20,248)	(20,097)	(10,388,532)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	151,795	443	443	399	478	298	295	154,151
914: Pension and Benefits	549,203	1,259	1,259	1,134	1,358	846	840	555,900
915: Injuries and Damages	145,750	501	501	451	540	336	334	148,413
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	560,596	10,477	10,477	9,435	11,297	7,037	6,985	616,304
922: Minor Material Load	417,373	-	-	-	-	-	-	417,373
925: E&S Loads	1,882,804	7,283	7,283	6,559	7,853	4,892	4,855	1,921,528
926: A&G Loads	710,603	2,220	2,220	1,999	2,394	1,491	1,480	722,407
928: AFUDC Debt	1,368	-	-	-	-	-	-	1,368
929: AFUDC Equity	1,791	-	-	-	-	-	-	1,791
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,214,152)	(62,163)	(57,799)	(53,469)	(51,747)	(46,617)	(63,853)	(5,549,800)
825: Closing Cost of Removal	(134,272)	(2,392)	(3,136)	(3,589)	(4,169)	(4,105)	(6,072)	(157,740)
Project Net	261,332	(16,457)	(12,837)	(13,743)	(4,052)	(18,415)	(37,860)	157,967

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,935,081	5,628	4,189	5,752	5,628	6,003	5,406	5,628	5,628	5,068	6,068	3,780	3,752	1,997,610
120: Overtime-General	138,799	371	276	379	371	396	356	371	371	334	400	249	247	142,919
350: Material Issues-Major	4,942,015	39,657	29,523	40,537	39,657	42,303	38,094	39,657	39,657	35,713	42,762	26,637	26,438	5,382,652
370: Outside Services	3,812,349	10,883	8,102	11,125	10,883	11,609	10,454	10,883	10,883	9,801	11,735	7,310	7,256	3,933,274
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	156,416	-	-	-	-	-	-	-	-	-	-	-	-	156,416
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	730,146	421	313	430	421	449	404	421	421	379	454	283	280	734,820
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(10,388,532)	(30,598)	(22,778)	(31,276)	(30,598)	(32,639)	(29,391)	(30,598)	(30,598)	(27,555)	(32,993)	(20,551)	(20,398)	(10,728,505)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	154,151	452	336	462	452	482	434	452	452	407	487	303	301	159,169
914: Pension and Benefits	555,900	1,381	1,028	1,412	1,381	1,474	1,327	1,381	1,381	1,244	1,490	928	921	571,249
915: Injuries and Damages	148,413	597	444	610	597	637	573	597	597	537	644	401	398	155,045
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	616,304	11,241	8,369	11,491	11,241	11,991	10,798	11,241	11,241	10,123	12,121	7,550	7,494	741,207
922: Minor Material Load	417,373	-	-	-	-	-	-	-	-	-	-	-	-	417,373
925: E&S Loads	1,921,528	6,830	5,084	6,981	6,830	7,286	6,561	6,830	6,830	6,151	7,364	4,587	4,553	1,997,415
926: A&G Loads	722,407	2,045	1,522	2,090	2,045	2,181	1,964	2,045	2,045	1,841	2,205	1,373	1,363	745,127
928: AFUDC Debt	1,368	-	-	-	-	-	-	-	-	-	-	-	-	1,368
929: AFUDC Equity	1,791	-	-	-	-	-	-	-	-	-	-	-	-	1,791
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,549,800)	(37,990)	(36,681)	(38,290)	(39,334)	(40,781)	(40,905)	(41,374)	(41,740)	(41,084)	(42,256)	(39,319)	(55,472)	(6,045,026)
825: Closing Cost of Removal	(157,740)	(4,003)	(4,084)	(4,505)	(4,805)	(5,125)	(5,238)	(5,377)	(5,485)	(5,441)	(5,636)	(5,264)	(7,450)	(220,154)
Project Net	157,967	6,915	(4,355)	7,198	4,768	6,265	837	2,157	1,682	(2,482)	4,844	(11,733)	(30,316)	143,747

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,997,610	5,768	4,294	5,896	5,768	6,153	5,541	5,768	5,768	5,195	6,220	3,874	3,846	2,061,701
120: Overtime-General	142,919	380	283	389	380	405	365	380	380	342	410	255	253	147,142
350: Material Issues-Major	5,382,652	40,252	29,966	41,145	40,252	42,938	38,665	40,252	40,252	36,249	43,403	27,036	26,835	5,829,898
370: Outside Services	3,933,274	11,046	8,224	11,291	11,046	11,784	10,611	11,046	11,046	9,948	11,911	7,420	7,364	4,056,012
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	156,416	-	-	-	-	-	-	-	-	-	-	-	-	156,416
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	734,820	427	318	436	427	455	410	427	427	385	460	287	285	739,564
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(10,728,505)	(31,057)	(23,120)	(31,745)	(31,057)	(33,129)	(29,832)	(31,057)	(31,057)	(27,968)	(33,488)	(20,860)	(20,704)	(11,073,578)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	159,169	463	345	473	463	494	445	463	463	417	499	311	309	164,313
914: Pension and Benefits	571,249	1,416	1,054	1,447	1,416	1,510	1,360	1,416	1,416	1,275	1,527	951	944	586,982
915: Injuries and Damages	155,045	612	455	625	612	653	588	612	612	551	660	411	408	161,842
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	741,207	11,410	8,494	11,663	11,410	12,171	10,960	11,410	11,410	10,275	12,303	7,664	7,607	867,983
922: Minor Material Load	417,373	-	-	-	-	-	-	-	-	-	-	-	-	417,373
925: E&S Loads	1,997,415	6,942	5,168	7,096	6,942	7,405	6,668	6,942	6,942	6,252	7,485	4,663	4,628	2,074,547
926: A&G Loads	745,127	2,518	1,874	2,573	2,518	2,686	2,418	2,518	2,518	2,267	2,715	1,691	1,678	773,100
928: AFUDC Debt	1,368	-	-	-	-	-	-	-	-	-	-	-	-	1,368
929: AFUDC Equity	1,791	-	-	-	-	-	-	-	-	-	-	-	-	1,791
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,045,026)	(34,492)	(34,135)	(36,555)	(38,228)	(40,180)	(40,672)	(41,438)	(42,036)	(41,537)	(42,873)	(39,966)	(56,475)	(6,533,614)
825: Closing Cost of Removal	(220,154)	(4,652)	(4,615)	(4,954)	(5,189)	(5,460)	(5,531)	(5,639)	(5,723)	(5,657)	(5,841)	(5,446)	(7,696)	(286,557)
Project Net	143,747	11,034	(1,396)	9,781	6,761	7,885	1,996	3,100	2,418	(2,006)	5,391	(11,709)	(30,719)	146,284

Project No: 41000507 Lighting
Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information County % Santa Fe 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project includes costs for the installation, relocation, removal or replacement of PNM owned street lighting and floodlighting and the removal or replacement of private area lighting. This work includes poles, light fixtures, wiring, and ancillary lighting equipment. The poles may either be wood or aluminum ranging in size from 30 to 45 feet. Fixtures include high pressure sodium lights ranging from 70 to 400 watts per fixture and LED lights ranging from 25 to 300 watts. For PNM owned streetlights, this will include the installation of 150 feet of service wire and the luminaire. All street lighting and floodlighting systems installed will adhere to PNM equipment standards provided in Rate Schedule 20, allowing for efficient and effective maintenance in the future.

Project Need Justification

This project provides the funds necessary to meet PNM's contractual obligations with municipal corporations and subdivisions within the state of New Mexico and service requirements allowed under the rate schedules. This project will allow PNM to install streetlighting and flood lighting systems in accordance with PNM Rate Schedule 20 - Integrated System Streetlighting and Floodlighting Service, PNM Rate Schedule 6 - Private Area Lighting Service, and new installations.

Project Alternatives

Because of these contractual obligations and requirements under the rate schedules, there are no other alternative methods for this project. Under Rate Schedule 20, customers have the option to own streetlights and pay PNM or a contractor for their installation, or to request that PNM install and own the lights. Customers may request installation of LED lights, high pressure sodium lights, or LED operational substitutes for converting existing mercury vapor, high pressure sodium, or low pressure sodium lights. Under Rate Schedule 6 and the terms of the Agreement for Lighting Service thereunder, private lights are removed at the customer's request and at PNM's costs. PNM must honor installation requests under PNM Rate 20.

Project Estimate Approach

Not required for projects with less than \$250,000 of expenditures.

Customer Benefit

The customer benefit from this project is electric service for their streetlighting and floodlighting needs.

Primary Value Driver Compliance

Safety This project includes the installation of new and replacement of damaged streetlighting facilities thus supporting and restoring the public safety benefits of streetlighting and floodlighting.

Reliability

System Performance

Security

Compliance This project is implemented in accordance with PNM Rate Schedule 20 - Integrated System StreetLighting and Floodlighting Service, and PNM Rate Schedule 6 - Private Area Lighting Service and new installations.

Environmental

Project No: 41000507 Lighting

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	14,440	68	2,386	1,519	(2,257)	1,736	797	18,690
120: Overtime-General	7,321	-	-	-	-	-	-	7,321
350: Material Issues-Major	6,074	25	883	562	(835)	642	295	7,646
370: Outside Services	6,096	27	959	611	(907)	698	320	7,805
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	290	-	-	-	-	-	-	290
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	9,689	28	979	623	(925)	712	327	11,432
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(17,127)	(45)	(1,558)	(992)	1,474	(1,134)	(521)	(19,903)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,571	5	181	115	(171)	131	60	1,893
914: Pension and Benefits	5,712	15	513	327	(486)	374	172	6,627
915: Injuries and Damages	1,490	6	204	130	(193)	149	68	1,854
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	560	7	237	151	(224)	172	79	982
922: Minor Material Load	520	-	-	-	-	-	-	520
925: E&S Loads	6,677	22	763	486	(722)	555	255	8,036
926: A&G Loads	2,588	6	206	131	(195)	150	69	2,956
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(34,500)	(538)	(1,759)	(2,155)	(280)	(1,199)	(1,332)	(41,763)
825: Closing Cost of Removal	(8,824)	(202)	(334)	(363)	(88)	(200)	(208)	(10,220)
Project Net	2,576	(575)	3,659	1,146	(5,809)	2,787	382	4,165

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	18,690	(207)	237	(890)	186	504	61	70	2,446	1,557	(2,313)	1,780	817	22,940
120: Overtime-General	7,321	-	-	-	-	-	-	-	-	-	-	-	-	7,321
350: Material Issues-Major	7,646	(76)	87	(326)	68	185	22	26	896	571	(847)	652	299	9,203
370: Outside Services	7,805	(82)	94	(354)	74	201	24	28	973	620	(921)	708	325	9,496
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	290	-	-	-	-	-	-	-	-	-	-	-	-	290
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	11,432	(84)	96	(362)	76	205	25	28	993	633	(939)	723	332	13,158
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(19,903)	134	(153)	576	(120)	(326)	(40)	(45)	(1,582)	(1,007)	1,496	(1,151)	(528)	(22,651)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,893	(16)	18	(67)	14	38	5	5	184	117	(174)	134	62	2,213
914: Pension and Benefits	6,627	(48)	55	(205)	43	116	14	16	563	359	(533)	410	188	7,606
915: Injuries and Damages	1,854	(21)	24	(89)	19	50	6	7	243	155	(230)	177	81	2,276
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	982	(21)	25	(92)	19	52	6	7	254	162	(240)	185	85	1,423
922: Minor Material Load	520	-	-	-	-	-	-	-	-	-	-	-	-	520
925: E&S Loads	8,036	(61)	70	(264)	55	149	18	21	724	461	(685)	527	242	9,295
926: A&G Loads	2,956	(16)	18	(69)	15	39	5	5	191	121	(180)	139	64	3,287
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(41,763)	(854)	(759)	(45)	(139)	(390)	(320)	(274)	(1,598)	(2,057)	(179)	(1,149)	(1,306)	(50,833)
825: Closing Cost of Removal	(10,220)	(136)	(118)	(17)	(27)	(59)	(48)	(40)	(220)	(282)	(26)	(157)	(179)	(11,528)
Project Net	4,165	(1,487)	(306)	(2,204)	282	765	(220)	(145)	4,068	1,409	(5,772)	2,977	482	4,013

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	22,940	500	500	500	500	500	500	500	500	500	500	500	500	28,940
120: Overtime-General	7,321	-	-	-	-	-	-	-	-	-	-	-	-	7,321
350: Material Issues-Major	9,203	-	-	-	-	-	-	-	-	-	-	-	-	9,203
370: Outside Services	9,496	-	-	-	-	-	-	1,000	-	-	-	-	-	10,496
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	290	-	-	-	-	-	-	-	-	-	-	-	-	290
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	13,158	-	-	-	-	-	-	-	-	-	-	-	-	13,158
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(22,651)	-	-	-	-	-	-	-	-	-	-	-	-	(22,651)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,213	38	38	38	38	38	38	38	38	38	38	38	38	2,664
914: Pension and Benefits	7,606	115	115	115	115	115	115	115	115	115	115	115	115	8,987
915: Injuries and Damages	2,276	50	50	50	50	50	50	50	50	50	50	50	50	2,873
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,423	-	-	-	-	-	-	-	-	-	-	-	-	1,423
922: Minor Material Load	520	-	-	-	-	-	-	-	-	-	-	-	-	520
925: E&S Loads	9,295	81	81	81	81	81	81	196	81	81	81	81	81	10,379
926: A&G Loads	3,287	22	22	22	22	22	22	65	22	22	22	22	22	3,591
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(50,833)	(1,144)	(1,027)	(941)	(878)	(832)	(799)	(1,050)	(958)	(890)	(841)	(805)	(779)	(61,778)
825: Closing Cost of Removal	(11,528)	(157)	(140)	(129)	(120)	(114)	(109)	(143)	(131)	(121)	(115)	(110)	(106)	(13,022)
Project Net	4,013	(496)	(362)	(264)	(193)	(141)	(103)	771	(283)	(207)	(151)	(110)	(80)	2,394

Project No: 41000607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including, but not limited, insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification
This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.
Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives
This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach
Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through outage restoration and increased reliability by maintaining the distribution system integrity through the replacement of damaged equipment and equipment taken out of service by storms or other events or deteriorated equipment through normal aging.

Primary Value Driver Compliance

Safety

Reliability
Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance
Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	41000607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,808,565	11,998	9,722	9,189	10,523	10,616	5,305	1,865,917
120: Overtime-General	609,320	5,128	4,155	3,927	4,497	4,537	2,267	633,832
350: Material Issues-Major	2,521,204	25,452	20,623	19,494	22,324	22,520	11,253	2,642,870
370: Outside Services	2,831,899	18,147	14,705	13,899	15,917	16,058	8,024	2,918,649
374: Outside Services Legal	1,774	-	-	-	-	-	-	1,774
377: Outside Svcs-Temp Labor	141,166	-	-	-	-	-	-	141,166
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,043,087	627	508	480	550	555	277	1,046,084
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,182,865)	(6,013)	(4,872)	(4,605)	(5,274)	(5,320)	(2,659)	(3,211,608)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	180,675	1,296	1,050	993	1,137	1,147	573	186,872
914: Pension and Benefits	644,109	3,685	2,986	2,823	3,232	3,261	1,629	661,726
915: Injuries and Damages	176,430	1,466	1,188	1,123	1,286	1,297	648	183,438
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	301,788	6,825	5,530	5,227	5,986	6,039	3,018	334,413
922: Minor Material Load	253,411	-	-	-	-	-	-	253,411
925: E&S Loads	1,370,609	8,475	6,867	6,491	7,433	7,499	3,747	1,411,121
926: A&G Loads	555,368	2,430	1,969	1,861	2,131	2,150	1,074	566,981
928: AFUDC Debt	635	-	-	-	-	-	-	635
929: AFUDC Equity	959	-	-	-	-	-	-	959
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(8,369,975)	(14,151)	(19,257)	(23,377)	(27,937)	(32,014)	(31,885)	(8,518,596)
825: Closing Cost of Removal	(797,294)	(6,295)	(6,467)	(6,568)	(6,784)	(6,983)	(6,651)	(837,042)
Project Net	90,866	59,070	38,707	30,956	35,022	31,360	(3,380)	282,601

Project No:	41000607 Distr. Remove & Replace													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,865,917	26,444	10,340	10,608	12,340	7,565	12,194	12,298	9,965	9,419	10,786	10,881	5,437	2,004,192
120: Overtime-General	633,832	11,302	4,419	4,534	5,274	3,233	5,211	5,256	4,259	4,026	4,610	4,651	2,324	692,930
350: Material Issues-Major	2,642,870	55,550	21,721	22,284	25,922	15,891	25,615	25,833	20,933	19,786	22,658	22,858	11,422	2,933,344
370: Outside Services	2,918,649	39,608	15,488	15,889	18,483	11,331	18,264	18,420	14,925	14,108	16,156	16,298	8,144	3,125,762
374: Outside Services Legal	1,774	-	-	-	-	-	-	-	-	-	-	-	-	1,774
377: Outside Svcs-Temp Labor	141,166	-	-	-	-	-	-	-	-	-	-	-	-	141,166
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,046,084	1,368	535	549	639	391	631	636	516	487	558	563	281	1,053,239
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,211,608)	(13,124)	(5,132)	(5,265)	(6,124)	(3,754)	(6,052)	(6,103)	(4,945)	(4,674)	(5,353)	(5,400)	(2,698)	(3,280,233)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	186,872	2,842	1,111	1,140	1,326	813	1,311	1,322	1,071	1,012	1,159	1,170	584	201,734
914: Pension and Benefits	661,726	8,693	3,399	3,487	4,056	2,487	4,008	4,043	3,276	3,096	3,546	3,577	1,787	707,181
915: Injuries and Damages	183,438	3,756	1,469	1,507	1,753	1,074	1,732	1,747	1,415	1,338	1,532	1,545	772	203,076
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	334,413	15,746	6,157	6,317	7,348	4,505	7,261	7,323	5,934	5,609	6,423	6,479	3,238	416,750
922: Minor Material Load	253,411	-	-	-	-	-	-	-	-	-	-	-	-	253,411
925: E&S Loads	1,411,121	17,200	6,726	6,900	8,026	4,920	7,931	7,999	6,481	6,126	7,016	7,078	3,537	1,501,060
926: A&G Loads	566,981	4,820	1,885	1,934	2,249	1,379	2,223	2,242	1,816	1,717	1,966	1,984	991	592,187
928: AFUDC Debt	635	-	-	-	-	-	-	-	-	-	-	-	-	635
929: AFUDC Equity	959	-	-	-	-	-	-	-	-	-	-	-	-	959
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(8,518,596)	(46,455)	(48,074)	(49,684)	(52,307)	(51,292)	(53,620)	(55,741)	(55,984)	(55,818)	(56,624)	(57,399)	(294,089)	(9,395,682)
825: Closing Cost of Removal	(837,042)	(8,362)	(8,339)	(8,345)	(8,514)	(8,210)	(8,382)	(8,542)	(8,463)	(8,341)	(8,363)	(8,392)	(42,794)	(972,088)
Project Net	282,601	119,388	11,706	11,854	20,470	(9,668)	18,327	16,731	1,199	(2,110)	6,070	5,893	(301,063)	181,398

Project No:	41000607 Distr. Remove & Replace													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,004,192	27,105	10,599	10,873	12,648	7,754	12,498	12,605	10,214	9,654	11,056	11,153	5,573	2,145,924
120: Overtime-General	692,930	11,584	4,530	4,647	5,406	3,314	5,342	5,387	4,365	4,126	4,725	4,767	2,382	753,506
350: Material Issues-Major	2,933,344	56,383	22,047	22,618	26,311	16,130	25,999	26,221	21,247	20,083	22,998	23,201	11,593	3,228,175
370: Outside Services	3,125,762	40,202	15,720	16,127	18,760	11,501	18,538	18,696	15,149	14,319	16,398	16,543	8,266	3,335,982
374: Outside Services Legal	1,774	-	-	-	-	-	-	-	-	-	-	-	-	1,774
377: Outside Svcs-Temp Labor	141,166	-	-	-	-	-	-	-	-	-	-	-	-	141,166
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,053,239	1,389	543	557	648	397	640	646	523	495	567	572	286	1,060,502
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,280,233)	(13,321)	(5,209)	(5,344)	(6,216)	(3,811)	(6,142)	(6,195)	(5,020)	(4,745)	(5,433)	(5,481)	(2,739)	(3,349,887)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	201,734	2,913	1,139	1,169	1,359	833	1,343	1,355	1,098	1,038	1,188	1,199	599	216,968
914: Pension and Benefits	707,181	8,910	3,484	3,574	4,158	2,549	4,109	4,144	3,358	3,174	3,634	3,666	1,832	753,772
915: Injuries and Damages	203,076	3,850	1,505	1,544	1,796	1,101	1,775	1,790	1,451	1,371	1,570	1,584	792	223,206
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	416,750	15,982	6,250	6,411	7,458	4,572	7,370	7,433	6,023	5,693	6,519	6,577	3,286	500,323
922: Minor Material Load	253,411	-	-	-	-	-	-	-	-	-	-	-	-	253,411
925: E&S Loads	1,501,060	17,519	6,850	7,028	8,175	5,012	8,078	8,147	6,602	6,240	7,146	7,209	3,602	1,592,666
926: A&G Loads	592,187	5,945	2,325	2,385	2,774	1,701	2,741	2,765	2,240	2,117	2,425	2,446	1,222	623,273
928: AFUDC Debt	635	-	-	-	-	-	-	-	-	-	-	-	-	635
929: AFUDC Equity	959	-	-	-	-	-	-	-	-	-	-	-	-	959
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,395,682)	(37,848)	(40,676)	(43,354)	(46,946)	(46,704)	(49,789)	(52,579)	(53,371)	(53,679)	(54,924)	(56,088)	(288,342)	(10,219,981)
825: Closing Cost of Removal	(972,088)	(5,335)	(5,700)	(6,047)	(6,520)	(6,473)	(6,881)	(7,251)	(7,349)	(7,382)	(7,545)	(7,697)	(39,550)	(1,085,817)
Project Net	181,398	135,278	23,408	22,190	29,811	(2,124)	25,621	23,164	6,530	2,504	10,324	9,650	(291,198)	176,557

Project No: 41000707 Distr. System Improvements

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisitions (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, such as through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or distribution system configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. The project also improves system reliability by adding equipment and components, which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:

	41000707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,559,847	4,749	4,795	4,213	5,324	5,015	3,546	1,587,490
120: Overtime-General	217,768	208	210	184	233	219	155	218,978
350: Material Issues-Major	3,839,121	31,680	31,987	28,105	35,515	33,452	23,651	4,023,510
370: Outside Services	3,634,873	7,144	7,213	6,338	8,009	7,543	5,333	3,676,453
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	55,435	-	-	-	-	-	-	55,435
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	84,155	326	329	289	366	345	244	86,054
805: Land and Land Rights	14,475	-	-	-	-	-	-	14,475
807: Non Refundable Contrib	(450,563)	-	-	-	-	-	-	(450,563)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	130,974	375	379	333	421	396	280	133,158
914: Pension and Benefits	468,616	1,067	1,077	946	1,196	1,126	796	474,825
915: Injuries and Damages	128,216	424	428	376	476	448	317	130,686
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	382,040	8,495	8,577	7,536	9,523	8,970	6,342	431,484
922: Minor Material Load	286,832	-	-	-	-	-	-	286,832
925: E&S Loads	1,555,103	5,747	5,802	5,098	6,442	6,068	4,290	1,588,551
926: A&G Loads	644,196	1,747	1,764	1,550	1,958	1,844	1,304	654,362
928: AFUDC Debt	222,330	1,648	1,530	1,421	1,330	1,254	1,174	230,687
929: AFUDC Equity	229,833	3,955	3,672	3,411	3,192	3,011	2,817	249,889
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(11,056,047)	(144,464)	(134,359)	(124,620)	(117,544)	(110,860)	(102,920)	(11,790,814)
825: Closing Cost of Removal	(618,927)	(23,037)	(21,174)	(19,424)	(18,094)	(16,865)	(15,507)	(733,027)
Project Net	1,328,278	(99,937)	(87,769)	(84,244)	(61,653)	(58,031)	(68,179)	868,465

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,587,490	13,591	3,333	3,468	4,709	5,252	4,591	4,868	4,915	4,319	5,458	5,140	3,634	1,650,768
120: Overtime-General	218,978	595	146	152	206	230	201	213	215	189	239	225	159	221,747
350: Material Issues-Major	4,023,510	89,771	22,014	22,905	31,101	34,692	30,323	32,155	32,466	28,526	36,048	33,954	24,005	4,441,470
370: Outside Services	3,676,453	20,243	4,964	5,165	7,013	7,823	6,838	7,251	7,321	6,433	8,129	7,657	5,413	3,770,703
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	55,435	-	-	-	-	-	-	-	-	-	-	-	-	55,435
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	86,054	925	227	236	320	357	312	331	334	294	371	350	247	90,359
805: Land and Land Rights	14,475	-	-	-	-	-	-	-	-	-	-	-	-	14,475
807: Non Refundable Contrib	(450,563)	-	-	-	-	-	-	-	-	-	-	-	-	(450,563)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	133,158	1,068	262	273	370	413	361	383	386	339	429	404	286	138,132
914: Pension and Benefits	474,825	3,267	801	834	1,132	1,263	1,104	1,170	1,182	1,038	1,312	1,236	874	490,035
915: Injuries and Damages	130,686	1,411	346	360	489	545	477	506	510	449	567	534	377	137,257
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	431,484	25,446	6,240	6,493	8,816	9,834	8,595	9,115	9,203	8,086	10,218	9,625	6,805	549,958
922: Minor Material Load	286,832	-	-	-	-	-	-	-	-	-	-	-	-	286,832
925: E&S Loads	1,588,551	15,050	3,691	3,840	5,214	5,816	5,084	5,391	5,443	4,782	6,044	5,692	4,025	1,658,623
926: A&G Loads	654,362	4,492	1,102	1,146	1,556	1,736	1,517	1,609	1,625	1,427	1,804	1,699	1,201	675,276
928: AFUDC Debt	230,687	1,765	1,746	1,621	1,528	1,465	1,407	1,352	1,306	1,260	1,226	1,205	1,164	247,730
929: AFUDC Equity	249,889	2,252	2,227	2,068	1,949	1,868	1,794	1,724	1,667	1,607	1,564	1,537	1,485	271,631
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(11,790,814)	(109,623)	(101,499)	(94,500)	(90,011)	(86,786)	(83,029)	(80,086)	(77,549)	(74,488)	(73,342)	(71,894)	(68,550)	(12,802,169)
825: Closing Cost of Removal	(733,027)	(16,178)	(14,858)	(13,721)	(12,952)	(12,376)	(11,747)	(11,244)	(10,811)	(10,318)	(10,097)	(9,843)	(9,339)	(876,512)
Project Net	868,465	54,075	(69,258)	(59,661)	(38,560)	(27,869)	(32,173)	(25,264)	(21,785)	(26,057)	(10,031)	(12,481)	(28,215)	571,188

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,650,768	13,931	3,416	3,554	4,826	5,384	4,706	4,990	5,038	4,427	5,594	5,269	3,725	1,715,628
120: Overtime-General	221,747	610	149	156	211	236	206	218	220	194	245	231	163	224,585
350: Material Issues-Major	4,441,470	91,117	22,345	23,248	31,568	35,212	30,778	32,637	32,953	28,954	36,589	34,463	24,365	4,865,699
370: Outside Services	3,770,703	20,547	5,039	5,243	7,118	7,940	6,940	7,360	7,431	6,529	8,251	7,771	5,494	3,866,367
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	55,435	-	-	-	-	-	-	-	-	-	-	-	-	55,435
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	90,359	939	230	239	325	363	317	336	339	298	377	355	251	94,729
805: Land and Land Rights	14,475	-	-	-	-	-	-	-	-	-	-	-	-	14,475
807: Non Refundable Contrib	(450,563)	-	-	-	-	-	-	-	-	-	-	-	-	(450,563)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	138,132	1,095	269	279	379	423	370	392	396	348	440	414	293	143,229
914: Pension and Benefits	490,035	3,349	821	854	1,160	1,294	1,131	1,199	1,211	1,064	1,345	1,267	895	505,626
915: Injuries and Damages	137,257	1,447	355	369	501	559	489	518	523	460	581	547	387	143,993
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	549,958	25,828	6,334	6,590	8,948	9,981	8,724	9,251	9,341	8,207	10,371	9,769	6,907	670,210
922: Minor Material Load	286,832	-	-	-	-	-	-	-	-	-	-	-	-	286,832
925: E&S Loads	1,658,623	15,299	3,752	3,903	5,300	5,912	5,168	5,480	5,533	4,861	6,143	5,786	4,091	1,729,852
926: A&G Loads	675,276	5,531	1,356	1,411	1,916	2,137	1,868	1,981	2,000	1,757	2,221	2,092	1,479	701,026
928: AFUDC Debt	247,730	1,045	1,084	1,025	988	972	956	938	926	909	901	901	882	259,255
929: AFUDC Equity	271,631	1,811	1,879	1,777	1,712	1,684	1,657	1,626	1,605	1,576	1,561	1,561	1,528	291,609
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(12,802,169)	(79,642)	(75,094)	(71,261)	(69,607)	(68,906)	(67,360)	(66,382)	(65,582)	(64,040)	(64,271)	(64,031)	(61,710)	(13,620,055)
825: Closing Cost of Removal	(876,512)	(10,806)	(10,144)	(9,587)	(9,333)	(9,213)	(8,981)	(8,830)	(8,707)	(8,484)	(8,505)	(8,463)	(8,139)	(985,703)
Project Net	571,188	92,099	(38,210)	(32,197)	(13,986)	(6,022)	(13,033)	(8,284)	(6,771)	(12,939)	1,843	(2,068)	(19,389)	512,230

Project No: 41000807 Services
Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information County % Santa Fe 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
 This project covers the expenses for the installation, connection, and in the case of service retirement, disconnection and removal, of PNM customer access or "services" in Santa Fe County. Services include overhead and underground conductors connecting the PNM distribution system to the customer. Materials to be purchased include overhead and underground service wires and associated connecting or terminating equipment.

Project Need Justification
 PNM is obligated to serve customers within its service territory. PNM and the customers' service cost responsibilities are defined within PNM's Rules and Regulations, specifically Rules 15, 16, and 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210. This project covers the expenses associated with labor, materials, outside services (contractors), and transportation required for PNM to meet its obligation to serve customers by either connecting or disconnecting electrical service to customer facilities.

Project Alternatives
 As PNM is obligated to serve customers in its territory there are few alternatives to this project. However, if a customer prefers a more expensive connection to PNM's distribution network (e.g., if a residential customer in an area served by overhead lines prefers an underground service) the customer must provide the service wires per PNM rules and is response for covering a portion of the increased costs.

Project Estimate Approach
 Since the amount, length, and types of services to be installed each year is unknown at the time of budget preparation, the budget is estimated by applying escalation factors to historical spend for similar activities. The initial budget for this project was developed by cost escalation factors to the most recent 12-month actual spend. An adjustment was made to the actual spend to account for expected cost increases for a planned change in the installation practice for residential underground services from direct buried wired to installation of service wire in conduit. Labor and non-labor cost components are escalated using customary annual expected cost increase percentages supplied by PNM Budget.

Customer Benefit
 This project provides funding for customers services and connections enabling power delivery to customers.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance Enables PNM's compliance with Rules and Regulations, specifically Rules 15, 16 and 18 with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:

41000807 Services

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	4,961,257	26,467	26,703	27,904	27,914	28,513	27,612	5,126,369
120: Overtime-General	255,077	2,155	2,175	2,272	2,273	2,322	2,249	268,523
350: Material Issues-Major	1,997,394	5,677	5,727	5,985	5,987	6,116	5,922	2,032,808
370: Outside Services	6,162,316	45,434	45,839	47,901	47,917	48,946	47,400	6,445,752
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	47,725	-	-	-	-	-	-	47,725
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,696,014	47	48	50	50	51	49	1,696,310
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(132,756)	(685)	(691)	(723)	(723)	(738)	(715)	(137,032)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	388,238	2,167	2,186	2,284	2,285	2,334	2,260	401,755
914: Pension and Benefits	1,370,029	6,160	6,214	6,494	6,496	6,636	6,426	1,408,455
915: Injuries and Damages	384,592	2,450	2,472	2,583	2,584	2,639	2,556	399,877
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	215,654	1,522	1,536	1,605	1,605	1,640	1,588	225,150
922: Minor Material Load	166,279	-	-	-	-	-	-	166,279
925: E&S Loads	2,305,014	11,320	11,421	11,934	11,938	12,195	11,809	2,375,631
926: A&G Loads	851,764	3,159	3,187	3,331	3,332	3,404	3,296	871,473
928: AFUDC Debt	122,996	-	-	-	-	-	-	122,996
929: AFUDC Equity	26,743	-	-	-	-	-	-	26,743
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(19,795,195)	(101,774)	(100,608)	(100,250)	(99,952)	(100,015)	(557,716)	(20,855,509)
825: Closing Cost of Removal	(413,825)	(5,504)	(6,601)	(7,620)	(8,487)	(9,267)	(55,245)	(506,552)
Project Net	609,316	(1,406)	(393)	3,750	3,220	4,775	(502,509)	116,755

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	5,126,369	64,481	24,797	26,970	28,599	28,180	28,060	27,129	27,371	28,601	28,611	29,226	28,302	5,496,697
120: Overtime-General	268,523	5,251	2,019	2,196	2,329	2,295	2,285	2,209	2,229	2,329	2,330	2,380	2,305	298,682
350: Material Issues-Major	2,032,808	13,695	5,267	5,728	6,074	5,985	5,960	5,762	5,813	6,075	6,077	6,207	6,011	2,111,464
370: Outside Services	6,445,752	109,610	42,153	45,846	48,615	47,903	47,699	46,116	46,527	48,619	48,636	49,680	48,111	7,075,266
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	47,725	-	-	-	-	-	-	-	-	-	-	-	-	47,725
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,696,310	114	44	48	51	50	50	48	49	51	51	52	50	1,696,966
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(137,032)	(1,653)	(636)	(692)	(733)	(723)	(720)	(696)	(702)	(733)	(734)	(749)	(726)	(146,528)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	401,755	5,251	2,019	2,196	2,329	2,295	2,285	2,209	2,229	2,329	2,330	2,380	2,305	431,911
914: Pension and Benefits	1,408,455	16,059	6,176	6,717	7,123	7,018	6,989	6,757	6,817	7,123	7,126	7,279	7,049	1,500,687
915: Injuries and Damages	399,877	6,938	2,668	2,902	3,077	3,032	3,019	2,919	2,945	3,078	3,079	3,145	3,045	439,725
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	225,150	3,882	1,493	1,624	1,722	1,697	1,689	1,633	1,648	1,722	1,723	1,760	1,704	247,446
922: Minor Material Load	166,279	-	-	-	-	-	-	-	-	-	-	-	-	166,279
925: E&S Loads	2,375,631	25,461	9,792	10,649	11,293	11,127	11,080	10,712	10,808	11,294	11,298	11,540	11,175	2,521,859
926: A&G Loads	871,473	6,934	2,667	2,900	3,075	3,030	3,018	2,917	2,943	3,076	3,077	3,143	3,044	911,298
928: AFUDC Debt	122,996	-	-	-	-	-	-	-	-	-	-	-	-	122,996
929: AFUDC Equity	26,743	-	-	-	-	-	-	-	-	-	-	-	-	26,743
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(20,855,509)	(49,730)	(55,267)	(61,112)	(66,934)	(71,664)	(75,621)	(78,496)	(81,067)	(83,897)	(86,308)	(88,680)	(505,182)	(22,159,467)
825: Closing Cost of Removal	(506,552)	(6,187)	(7,031)	(7,904)	(8,762)	(9,462)	(10,048)	(10,480)	(10,864)	(11,279)	(11,632)	(11,976)	(68,331)	(680,507)
Project Net	116,755	200,106	36,161	38,069	37,856	30,765	25,746	18,739	16,745	18,387	15,663	15,387	(461,139)	109,241

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	5,496,697	66,093	25,417	27,644	29,314	28,885	28,762	27,807	28,055	29,316	29,327	29,956	29,010	5,876,283
120: Overtime-General	298,682	5,382	2,070	2,251	2,387	2,352	2,342	2,265	2,285	2,387	2,388	2,440	2,362	329,594
350: Material Issues-Major	2,111,464	13,901	5,346	5,814	6,165	6,075	6,049	5,848	5,901	6,166	6,168	6,301	6,101	2,191,299
370: Outside Services	7,075,266	111,254	42,785	46,534	49,344	48,622	48,415	46,807	47,225	49,348	49,366	50,426	48,832	7,714,222
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	47,725	-	-	-	-	-	-	-	-	-	-	-	-	47,725
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,696,966	116	45	49	51	51	50	49	49	51	51	53	51	1,697,632
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(146,528)	(1,678)	(645)	(702)	(744)	(733)	(730)	(706)	(712)	(744)	(745)	(761)	(737)	(156,167)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	431,911	5,382	2,070	2,251	2,387	2,352	2,342	2,264	2,285	2,387	2,388	2,439	2,362	462,822
914: Pension and Benefits	1,500,687	16,461	6,330	6,885	7,301	7,194	7,163	6,925	6,987	7,301	7,304	7,461	7,225	1,595,225
915: Injuries and Damages	439,725	7,112	2,735	2,975	3,154	3,108	3,095	2,992	3,019	3,155	3,156	3,223	3,122	480,570
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	247,446	3,940	1,515	1,648	1,748	1,722	1,715	1,658	1,673	1,748	1,748	1,786	1,730	270,076
922: Minor Material Load	166,279	-	-	-	-	-	-	-	-	-	-	-	-	166,279
925: E&S Loads	2,521,859	25,956	9,982	10,856	11,512	11,343	11,295	10,920	11,017	11,513	11,517	11,764	11,393	2,670,928
926: A&G Loads	911,298	8,558	3,291	3,580	3,796	3,740	3,724	3,601	3,633	3,796	3,798	3,879	3,757	960,451
928: AFUDC Debt	122,996	-	-	-	-	-	-	-	-	-	-	-	-	122,996
929: AFUDC Equity	26,743	-	-	-	-	-	-	-	-	-	-	-	-	26,743
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(22,159,467)	(49,081)	(55,043)	(61,278)	(67,453)	(72,477)	(76,683)	(79,757)	(82,500)	(85,493)	(88,043)	(90,540)	(516,133)	(23,483,948)
825: Closing Cost of Removal	(680,507)	(6,677)	(7,492)	(8,345)	(9,188)	(9,875)	(10,450)	(10,870)	(11,245)	(11,654)	(12,002)	(12,343)	(70,367)	(861,015)
Project Net	109,241	206,719	38,406	40,162	39,773	32,360	27,091	19,803	17,669	19,278	16,421	16,084	(471,292)	111,714

Project No: 41001207 Pole Replacements

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project covers the costs for repair or replacement of decaying or rotting wood power poles. Pole replacement candidates are identified through routine line patrol inspections as well as during construction or expansion of the distribution system. Other equipment on each pole (e.g., cross-arms and insulators) typically are replaced at the time the pole is replaced.

Project Need Justification
The New Mexico Public Regulation Commission (NMPRC) mandates that PNM keep its electric infrastructure in good repair and safe for customers and personnel. Compromised integrity of wooden pole structures can affect service reliability as well as public safety and the safety of PNM personnel. PNM regularly performs ground line tests on its distribution wood pole infrastructure to ensure the integrity of PNM's distribution system. Wood poles that fail inspection or tests are repaired or replaced. This project covers the labor and material costs associated with the inspection, testing, repair and potential replacement of poles that fail inspection.

Project Alternatives
The alternatives to pole replacement include structurally reinforcing the pole, fumigating the pole and area, or applying an internal void treatment. Routine inspections and testing gauges the relative condition of each pole and identifies the appropriate alternative for either repairing or replacing defective poles.

Project Estimate Approach
The budget for this blanket is estimated by applying escalation factors to historical spend. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend. Poles that support four or more wires are more costly to work than are poles supporting fewer wires. Similarly, angle or corner poles are more expensive to replace than are in-line tangent poles. Location and access to the poles, such as backyard vs. roadside, also affects costs.

Customer Benefit
This project helps maintain the integrity of PNM's overhead distribution system contributing to overall system reliability while also ensuring public safety and PNM personnel safety.

Primary Value Driver Safety

Safety This project helps maintain the integrity of PNM's overhead distribution system ensuring public safety and PNM personnel safety.

Reliability This project helps maintain the integrity of PNM's overhead distribution system which reducing possible outages contributing to overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	41001207 Pole Replacements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	180,524	497	611	493	714	985	682	184,506
120: Overtime-General	35,332	-	-	-	-	-	-	35,332
350: Material Issues-Major	191,343	176	216	175	253	349	242	192,753
370: Outside Services	465,339	108	133	107	155	214	148	466,205
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	50,317	-	-	-	-	-	-	50,317
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	78,832	156	191	155	224	308	214	80,079
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(9,234)	-	-	-	-	-	-	(9,234)
829: Construction Adjustment	1,265	-	-	-	-	-	-	1,265
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,821	38	46	37	54	75	52	16,122
914: Pension and Benefits	59,234	107	131	106	154	212	147	60,091
915: Injuries and Damages	14,630	43	52	42	61	84	58	14,971
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	13,329	47	58	47	68	94	65	13,708
922: Minor Material Load	8,259	-	-	-	-	-	-	8,259
925: E&S Loads	172,545	141	173	139	202	278	193	173,671
926: A&G Loads	59,330	37	46	37	53	74	51	59,627
928: AFUDC Debt	35,794	71	69	67	65	65	64	36,195
929: AFUDC Equity	14,126	171	166	161	157	155	153	15,090
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,225,666)	(3,084)	(3,000)	(2,905)	(2,846)	(2,830)	(2,771)	(1,243,101)
825: Closing Cost of Removal	(111,155)	(10)	(21)	(29)	(42)	(58)	(68)	(111,384)
Project Net	49,965	(1,501)	(1,129)	(1,367)	(727)	4	(771)	44,474

Project No:	41001207 Pole Replacements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	184,506	617	617	617	392	252	281	510	626	506	732	1,009	699	191,364
120: Overtime-General	35,332	-	-	-	-	-	-	-	-	-	-	-	-	35,332
350: Material Issues-Major	192,753	216	216	216	137	88	98	179	219	177	257	354	245	195,158
370: Outside Services	466,205	133	133	133	84	54	61	110	135	109	158	217	151	467,682
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	50,317	-	-	-	-	-	-	-	-	-	-	-	-	50,317
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	80,079	191	191	191	122	78	87	158	194	157	227	313	217	82,207
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(9,234)	-	-	-	-	-	-	-	-	-	-	-	-	(9,234)
829: Construction Adjustment	1,265	-	-	-	-	-	-	-	-	-	-	-	-	1,265
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	16,122	46	46	46	30	19	21	38	47	38	55	76	53	16,638
914: Pension and Benefits	60,091	142	142	142	90	58	65	117	144	116	169	232	161	61,670
915: Injuries and Damages	14,971	61	61	61	39	25	28	51	62	50	73	100	70	15,653
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	13,708	61	61	61	39	25	28	51	62	50	73	100	69	14,389
922: Minor Material Load	8,259	-	-	-	-	-	-	-	-	-	-	-	-	8,259
925: E&S Loads	173,671	162	162	162	103	66	74	134	164	133	192	265	183	175,470
926: A&G Loads	59,627	42	42	42	26	17	19	34	42	34	49	68	47	60,089
928: AFUDC Debt	36,195	94	92	90	87	84	81	78	76	75	74	74	74	37,174
929: AFUDC Equity	15,090	120	117	114	111	107	103	100	98	96	94	95	95	16,337
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,243,101)	(2,705)	(2,644)	(2,586)	(2,499)	(2,396)	(2,304)	(2,249)	(2,214)	(2,164)	(2,149)	(2,175)	(2,154)	(1,271,339)
825: Closing Cost of Removal	(111,384)	(76)	(84)	(91)	(93)	(92)	(92)	(97)	(103)	(107)	(115)	(127)	(133)	(112,593)
Project Net	44,474	(896)	(847)	(800)	(1,331)	(1,614)	(1,451)	(787)	(447)	(729)	(111)	603	(224)	35,839

Project No:	41001207 Pole Replacements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	191,364	632	632	632	402	259	288	522	642	518	750	1,035	717	198,393
120: Overtime-General	35,332	-	-	-	-	-	-	-	-	-	-	-	-	35,332
350: Material Issues-Major	195,158	220	220	220	139	90	100	181	223	180	260	359	249	197,598
370: Outside Services	467,682	135	135	135	86	55	61	111	137	111	160	221	153	469,182
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	50,317	-	-	-	-	-	-	-	-	-	-	-	-	50,317
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	82,207	194	194	194	123	79	88	160	197	159	230	318	220	84,366
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(9,234)	-	-	-	-	-	-	-	-	-	-	-	-	(9,234)
829: Construction Adjustment	1,265	-	-	-	-	-	-	-	-	-	-	-	-	1,265
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	16,638	48	48	48	30	19	22	39	48	39	57	78	54	17,168
914: Pension and Benefits	61,670	146	146	146	92	60	66	120	148	119	173	238	165	63,289
915: Injuries and Damages	15,653	63	63	63	40	26	29	52	64	52	75	103	71	16,352
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	14,389	62	62	62	40	25	28	51	63	51	74	102	71	15,081
922: Minor Material Load	8,259	-	-	-	-	-	-	-	-	-	-	-	-	8,259
925: E&S Loads	175,470	165	165	165	105	68	75	137	168	135	196	270	187	177,307
926: A&G Loads	60,089	51	51	51	33	21	23	42	52	42	61	84	58	60,660
928: AFUDC Debt	37,174	62	61	60	59	57	55	54	53	53	53	53	54	37,849
929: AFUDC Equity	16,337	107	106	105	103	99	96	93	93	92	91	93	94	17,508
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,271,339)	(2,126)	(2,099)	(2,073)	(2,016)	(1,942)	(1,876)	(1,847)	(1,837)	(1,809)	(1,817)	(1,865)	(1,865)	(1,294,510)
825: Closing Cost of Removal	(112,593)	(138)	(142)	(146)	(145)	(141)	(138)	(140)	(144)	(146)	(152)	(163)	(167)	(114,354)
Project Net	35,839	(378)	(357)	(338)	(909)	(1,225)	(1,082)	(422)	(94)	(404)	211	926	61	31,829

Project No: 41001615 Camel Tracks 12 to State Pen 12 FT

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 11/14/2014

Estimated Completion Date 12/31/2022

Description
This project will construct a new feeder tie to connect State Pen Feeder 12 to Camel Tracks Feeder 12. The project will extend the Camel Tracks Feeder 12 for approximately 4 miles from a pad mounted switch near Paseo Real Rd. and Calle Debra, south to a new pole between poles U64A034 and U64A064.

Project Need Justification
The purpose of this project is to establish a new feeder tie which will provide additional feeder and substation capacity by transferring load from State Pen Substation to Camel Tracks Substation and provide a new switching option for an outage of the State Pen Substation which is needed to avoid existing substation and feeder loading issues for contingency conditions.

Project Alternatives
The only alternative is to do nothing. This alternative was not considered because doing nothing would mean that some customers would be out of service during an outage until the problem could be fixed. The new tie will provide switching options between State Pen Feeder 12 and Camel Tracks Feeder 12 creating additional backup support options in the event of an outage of either of these feeders.

Project Estimate Approach
This project was estimated using historical PNM data on similar projects using internal engineering and external labor.

Customer Benefit
This project will ensure that PNM can maintain service to residential and commercial customers for an outage of State Pen substation. The project ensures voltages and equipment loading remain within PNM's operational limits.

Primary Value Driver Reliability

Safety

Reliability
The new feeder tie will provide switching options between State Pen Feeder 12 and Camel Tracks Feeder 12 creating additional backup support options in the area in the event of an outage of either of these feeders.

System Performance

Security

Compliance

Environmental

Project No:	41001615 Camel Tracks 12 to State Pen 12 FT							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	5,000	5,000	5,000	5,000	4,000	4,000	28,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	30,000	70,000	70,000	35,000	30,000	25,000	260,000
370: Outside Services	-	10,000	5,000	5,000	-	-	-	20,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	379	379	379	379	303	303	2,120
914: Pension and Benefits	-	1,076	1,076	1,076	1,076	861	861	6,026
915: Injuries and Damages	-	428	428	428	428	342	342	2,397
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	8,045	18,771	18,771	9,385	8,045	6,704	69,719
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	5,860	10,235	10,235	5,235	4,438	3,813	39,818
926: A&G Loads	-	1,782	3,168	3,168	1,584	1,346	1,148	12,197
928: AFUDC Debt	-	39	149	291	400	468	527	1,874
929: AFUDC Equity	-	93	357	699	959	1,124	1,266	4,498
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(393,814)	(393,814)
825: Closing Cost of Removal	-	-	-	-	-	-	(52,833)	(52,833)
Project Net	-	62,701	114,562	115,047	59,446	50,927	(402,683)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	28,000	-	-	-	-	-	-	-	-	-	-	-	-	28,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	260,000	-	-	-	-	-	-	-	-	-	-	-	-	260,000
370: Outside Services	20,000	-	-	-	-	-	-	-	-	-	-	-	-	20,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,120	-	-	-	-	-	-	-	-	-	-	-	-	2,120
914: Pension and Benefits	6,026	-	-	-	-	-	-	-	-	-	-	-	-	6,026
915: Injuries and Damages	2,397	-	-	-	-	-	-	-	-	-	-	-	-	2,397
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	69,719	-	-	-	-	-	-	-	-	-	-	-	-	69,719
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	39,818	-	-	-	-	-	-	-	-	-	-	-	-	39,818
926: A&G Loads	12,197	-	-	-	-	-	-	-	-	-	-	-	-	12,197
928: AFUDC Debt	1,874	-	-	-	-	-	-	-	-	-	-	-	-	1,874
929: AFUDC Equity	4,498	-	-	-	-	-	-	-	-	-	-	-	-	4,498
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(393,814)	-	-	-	-	-	-	-	-	-	-	-	-	(393,814)
825: Closing Cost of Removal	(52,833)	-	-	-	-	-	-	-	-	-	-	-	-	(52,833)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	28,000	-	-	-	-	-	-	-	-	-	-	-	-	28,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	260,000	-	-	-	-	-	-	-	-	-	-	-	-	260,000
370: Outside Services	20,000	-	-	-	-	-	-	-	-	-	-	-	-	20,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,120	-	-	-	-	-	-	-	-	-	-	-	-	2,120
914: Pension and Benefits	6,026	-	-	-	-	-	-	-	-	-	-	-	-	6,026
915: Injuries and Damages	2,397	-	-	-	-	-	-	-	-	-	-	-	-	2,397
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	69,719	-	-	-	-	-	-	-	-	-	-	-	-	69,719
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	39,818	-	-	-	-	-	-	-	-	-	-	-	-	39,818
926: A&G Loads	12,197	-	-	-	-	-	-	-	-	-	-	-	-	12,197
928: AFUDC Debt	1,874	-	-	-	-	-	-	-	-	-	-	-	-	1,874
929: AFUDC Equity	4,498	-	-	-	-	-	-	-	-	-	-	-	-	4,498
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(393,814)	-	-	-	-	-	-	-	-	-	-	-	-	(393,814)
825: Closing Cost of Removal	(52,833)	-	-	-	-	-	-	-	-	-	-	-	-	(52,833)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 41001621 Distribution Looping in SF-WFF

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2027

Description
The objective of this project is to improve the system reliability of PNM's infrastructure by being proactive in the identification of problematic radial underground distribution systems. The Santa Fe Looping project will consist of the designing and installation of necessary facilities for the purpose of looping existing underground distribution radials. The configuration of these underground radials results in extended outages for our customers and higher System Average Interruption Duration Index (SAIDI) minutes if a fault occurs. Engineering, Distribution Operations Center (DOC) Operations, and Planning will identify the worst performing radials, longest radials, and radials with the most customers. When these radials are identified engineering will analyze and design the best way to loop the radials to a redundant feed.

Project Need Justification
The customers downstream of the fault will remain out of power until the failure is repaired or replaced. The looped radials will provide a redundant feed to this area, and should a cable fault or transformer failure occur, the restoration time and SAIDI minutes will decrease. Looping will reduce the outage duration and number of customers impacted by a fault.

Project Alternatives
One alternative is replacing the radial, however this is not a viable option because even with new infrastructure, there is an inherent risk to having extended outage times if any of the new infrastructure is damaged or compromised. It is not a sound option to pick and choose what radials get replaced knowing that if an outage does occur customers will be without power until the fault gets replaced, the termination is replaced, or if a temporary above ground line is installed to restore power until engineering can design a solution.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
This project is necessary for maintaining the health of the underground distribution system for customer reliability as well as supporting continuity and quality of service.

Primary Value Driver Reliability

Safety

Reliability This project will improve the system reliability of PNM's infrastructure by being proactive in the identification of problematic radial underground distribution systems.

System Performance

Security

Compliance

Environmental

Project No: 41001621 Distribution Looping in SF-WFF

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	31,558	-	-	-	-	-	-	31,558
120: Overtime-General	562	-	-	-	-	-	-	562
350: Material Issues-Major	1,439,136	-	-	-	-	-	-	1,439,136
370: Outside Services	2,590,553	-	-	-	-	-	-	2,590,553
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	16,852	-	-	-	-	-	-	16,852
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,425	-	-	-	-	-	-	2,425
914: Pension and Benefits	7,073	-	-	-	-	-	-	7,073
915: Injuries and Damages	2,675	-	-	-	-	-	-	2,675
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	54,028	-	-	-	-	-	-	54,028
922: Minor Material Load	26,410	-	-	-	-	-	-	26,410
925: E&S Loads	341,001	-	-	-	-	-	-	341,001
926: A&G Loads	190,326	-	-	-	-	-	-	190,326
928: AFUDC Debt	24,355	6,306	6,336	6,367	6,397	6,428	6,459	62,648
929: AFUDC Equity	73,686	15,135	15,208	15,281	15,354	15,428	15,502	165,595
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(77,168)	-	-	-	-	-	(4,603,461)	(4,680,629)
825: Closing Cost of Removal	(3,257)	-	-	-	-	-	(246,958)	(250,214)
Project Net	4,720,216	21,441	21,544	21,648	21,752	21,856	(4,828,458)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	31,558	-	-	-	-	-	-	-	-	-	-	-	-	31,558
120: Overtime-General	562	-	-	-	-	-	-	-	-	-	-	-	-	562
350: Material Issues-Major	1,439,136	-	-	-	-	-	-	-	-	-	-	-	-	1,439,136
370: Outside Services	2,590,553	-	-	-	-	-	-	-	-	-	-	-	-	2,590,553
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	16,852	-	-	-	-	-	-	-	-	-	-	-	-	16,852
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,425	-	-	-	-	-	-	-	-	-	-	-	-	2,425
914: Pension and Benefits	7,073	-	-	-	-	-	-	-	-	-	-	-	-	7,073
915: Injuries and Damages	2,675	-	-	-	-	-	-	-	-	-	-	-	-	2,675
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	54,028	-	-	-	-	-	-	-	-	-	-	-	-	54,028
922: Minor Material Load	26,410	-	-	-	-	-	-	-	-	-	-	-	-	26,410
925: E&S Loads	341,001	-	-	-	-	-	-	-	-	-	-	-	-	341,001
926: A&G Loads	190,326	-	-	-	-	-	-	-	-	-	-	-	-	190,326
928: AFUDC Debt	62,648	-	-	-	-	-	-	-	-	-	-	-	-	62,648
929: AFUDC Equity	165,595	-	-	-	-	-	-	-	-	-	-	-	-	165,595
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,680,629)	-	-	-	-	-	-	-	-	-	-	-	-	(4,680,629)
825: Closing Cost of Removal	(250,214)	-	-	-	-	-	-	-	-	-	-	-	-	(250,214)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	31,558	-	-	-	-	-	-	-	-	-	-	-	-	31,558
120: Overtime-General	562	-	-	-	-	-	-	-	-	-	-	-	-	562
350: Material Issues-Major	1,439,136	-	-	-	-	-	-	-	-	-	-	-	-	1,439,136
370: Outside Services	2,590,553	-	-	-	-	-	-	-	-	-	-	-	-	2,590,553
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	16,852	-	-	-	-	-	-	-	-	-	-	-	-	16,852
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,425	-	-	-	-	-	-	-	-	-	-	-	-	2,425
914: Pension and Benefits	7,073	-	-	-	-	-	-	-	-	-	-	-	-	7,073
915: Injuries and Damages	2,675	-	-	-	-	-	-	-	-	-	-	-	-	2,675
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	54,028	-	-	-	-	-	-	-	-	-	-	-	-	54,028
922: Minor Material Load	26,410	-	-	-	-	-	-	-	-	-	-	-	-	26,410
925: E&S Loads	341,001	-	-	-	-	-	-	-	-	-	-	-	-	341,001
926: A&G Loads	190,326	-	-	-	-	-	-	-	-	-	-	-	-	190,326
928: AFUDC Debt	62,648	-	-	-	-	-	-	-	-	-	-	-	-	62,648
929: AFUDC Equity	165,595	-	-	-	-	-	-	-	-	-	-	-	-	165,595
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,680,629)	-	-	-	-	-	-	-	-	-	-	-	-	(4,680,629)
825: Closing Cost of Removal	(250,214)	-	-	-	-	-	-	-	-	-	-	-	-	(250,214)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 41001622 Caja Del Rio 13 Backbone Upgrade

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 3/1/2022

Estimated Completion Date 12/31/2023

Description
This project includes upgrading approximately 6.3 miles of existing feeder backbone to standard conductor, installing a pad-mount capacitor bank, and phase balancing on Caja Del Rio Feeder 13.

Project Need Justification
The purpose of this project is to mitigate equipment overloads and low voltages on Caja Del Rio Feeder 13 during peak feeder load conditions. The Caja Del Rio Feeder 13 backbone is constructed of 4/0 aluminum underground conductor which is presently operating at 113% of the normal rating during peak timeframes. In addition, the Synergi model shows the feeder voltage is 115.8 volts on the B phase and 115 volts on the C phase which are below the American National Standards Institute (ANSI) C84.1 Range A limit of 118.7 volts for normal conditions.

Project Alternatives
The alternative is a do nothing approach. This is not a viable alternative because the minimum voltage on the feeder is below PNM's operational limits per ANSI C84.1.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using internal engineering and external labor.

Customer Benefit
This project will benefit all PNM customers in the area by maintaining voltage within the normal operational limits for the PNM distribution system. In addition, with more feeder capacity, it will ensure sufficient capacity to accommodate normal load growth and continuity of service during contingency conditions.

Primary Value Driver System Performance

Safety

Reliability

System Performance
By meeting criteria for voltage levels, this project will provide voltage optimization and power quality improvement of the PNM system for PNM customers in the area and ensure sufficient capacity to accommodate normal load growth and continuity of service during contingency conditions.

Security

Compliance
This project allows PNM's Caja Del Rio Feeder 13 to stay compliant with the ANSI C84.1 voltage tolerance standard.

Environmental

Project No: 41001622 Caja Del Rio 13 Backbone Upgrade

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	1,000	1,800	1,000	1,000	1,000	1,000	6,800
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	2,000	200,000	186,500	240,000	40,000	668,500
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	76	136	76	76	76	76	515
914: Pension and Benefits	-	215	387	215	215	215	215	1,463
915: Injuries and Damages	-	86	154	86	86	86	86	582
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	536	53,630	50,010	64,356	10,726	179,258
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	172	560	25,172	23,485	30,172	5,172	84,733
926: A&G Loads	-	40	150	7,960	7,425	9,544	1,624	26,742
928: AFUDC Debt	-	1	6	188	535	919	1,175	2,824
929: AFUDC Equity	-	2	13	452	1,284	2,206	2,820	6,778
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	1,592	5,743	288,778	270,615	348,574	62,893	978,194

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	6,800	6,000	5,000	5,000	5,000	5,000	4,200	50,000	5,000	1,000	1,000	1,000	1,000	96,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	668,500	200,000	403,000	350,000	307,000	40,000	1,500	500	-	-	-	-	-	1,970,500
370: Outside Services	-	7,000	20,000	20,000	20,000	18,000	20,000	20,000	20,000	20,000	20,000	20,000	-	205,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	515	452	377	377	377	377	316	3,765	377	75	75	75	75	7,232
914: Pension and Benefits	1,463	1,382	1,152	1,152	1,152	1,152	967	11,515	1,152	230	230	230	230	22,006
915: Injuries and Damages	582	597	498	498	498	498	418	4,975	498	100	100	100	100	9,457
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	179,258	56,692	114,234	99,211	87,022	11,338	425	142	-	-	-	-	-	548,323
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	84,733	24,775	49,453	43,358	38,413	7,478	3,151	10,437	3,108	2,462	2,462	2,462	162	272,451
926: A&G Loads	26,742	7,647	15,365	13,463	11,919	2,262	923	2,531	898	754	754	754	36	84,045
928: AFUDC Debt	2,824	2,117	2,982	4,065	5,024	5,570	5,708	5,862	6,017	6,098	6,173	6,249	6,304	64,994
929: AFUDC Equity	6,778	2,701	3,804	5,186	6,409	7,106	7,281	7,478	7,675	7,779	7,875	7,972	8,042	86,084
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(2,980,292)	(2,980,292)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(385,802)	(385,802)
Project Net	978,194	309,362	615,865	542,308	482,813	98,779	44,889	117,205	44,723	38,497	38,669	38,842	(3,350,145)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	96,000	-	-	-	-	-	-	-	-	-	-	-	-	96,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,970,500	-	-	-	-	-	-	-	-	-	-	-	-	1,970,500
370: Outside Services	205,000	-	-	-	-	-	-	-	-	-	-	-	-	205,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	7,232	-	-	-	-	-	-	-	-	-	-	-	-	7,232
914: Pension and Benefits	22,006	-	-	-	-	-	-	-	-	-	-	-	-	22,006
915: Injuries and Damages	9,457	-	-	-	-	-	-	-	-	-	-	-	-	9,457
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	548,323	-	-	-	-	-	-	-	-	-	-	-	-	548,323
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	272,451	-	-	-	-	-	-	-	-	-	-	-	-	272,451
926: A&G Loads	84,045	-	-	-	-	-	-	-	-	-	-	-	-	84,045
928: AFUDC Debt	64,994	-	-	-	-	-	-	-	-	-	-	-	-	64,994
929: AFUDC Equity	86,084	-	-	-	-	-	-	-	-	-	-	-	-	86,084
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,980,292)	-	-	-	-	-	-	-	-	-	-	-	-	(2,980,292)
825: Closing Cost of Removal	(385,802)	-	-	-	-	-	-	-	-	-	-	-	-	(385,802)
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 41001707 Santa Fe Pure Project

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 12/1/2013

Estimated Completion Date 12/31/2027

Description
This project involves the replacement of damaged or obsolete equipment in PNM's distribution system. The specific equipment to be replaced may include lightning arrestors, cross-arms, cut-outs, capacitors, and insulators. The project includes costs for internal labor, equipment, materials, transportation, and contractors if they are needed.

Project Need Justification
Replacing damaged or obsolete equipment in the distribution system ensures that PNM maintains reliable service while reducing hazardous conditions, which improves safety for PNM personnel, customers, and the public. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines the requirements for following electrical and safety standards (National Electric Safety Code), minimizing interruption of service, and protective safety measures. Work needed for repairing and replacing aging distribution components is identified during routine inspections, line patrols, as well as responding to outages.

Project Alternatives
No alternatives are available for this project, as it is necessary to ensure system reliability and minimize hazardous risks to PNM personnel, customers, and the public. Projects are created based on equipment conditions as determined from inspections, line patrols, and outage records.

Project Estimate Approach
PNM maintains detailed historical records of equipment replacement activities. These records allow PNM to estimate typical future annual replacement projections and needs. This project estimate is established by analyzing the most recent 12-month actual spend to estimate costs for the forecast period.

Customer Benefit
Replacing damaged and obsolete equipment increases reliability of PNM's distribution system while also improving safety conditions for PNM employees, customers, and the public.

Primary Value Driver Reliability

Safety Replacing damaged or obsolete distribution components reduces PNM employee, customer, and public exposure to possible hazards and increases the overall safety of the distribution system.

Reliability Replacing damaged or obsolete distribution components reduces outages and increase overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	41001707 Santa Fe Pure Project							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	604,234	13,913	13,913	13,913	13,913	13,913	4,969	678,768
120: Overtime-General	185,335	-	-	-	-	-	-	185,335
350: Material Issues-Major	337,654	8,750	8,750	8,750	8,750	8,750	3,150	384,554
370: Outside Services	2,483,847	-	-	-	-	-	-	2,483,847
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	325,584	-	-	-	-	-	-	325,584
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,660	1,053	1,053	1,053	1,053	1,053	376	65,302
914: Pension and Benefits	198,683	2,994	2,994	2,994	2,994	2,994	1,069	214,723
915: Injuries and Damages	57,820	1,191	1,191	1,191	1,191	1,191	425	64,200
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	52,455	2,346	2,346	2,346	2,346	2,346	845	65,032
922: Minor Material Load	26,601	-	-	-	-	-	-	26,601
925: E&S Loads	577,452	3,488	3,488	3,488	3,488	3,488	1,249	596,139
926: A&G Loads	250,399	897	897	897	897	897	322	255,208
928: AFUDC Debt	14,962	-	-	-	-	-	-	14,962
929: AFUDC Equity	25,257	-	-	-	-	-	-	25,257
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,776,203)	(101,772)	-	-	(154,562)	-	(64,027)	(5,096,563)
825: Closing Cost of Removal	(260,140)	2,654	-	-	(7,851)	-	(6,086)	(271,422)
Project Net	163,602	(64,485)	34,633	34,633	(127,780)	34,633	(57,708)	17,528

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	678,768	5,016	14,046	14,046	14,046	14,046	14,046	14,046	14,046	14,046	14,046	14,046	5,016	829,260
120: Overtime-General	185,335	-	-	-	-	-	-	-	-	-	-	-	-	185,335
350: Material Issues-Major	384,554	3,180	8,834	8,834	8,834	8,834	8,834	8,834	8,834	8,834	8,834	8,834	3,180	479,254
370: Outside Services	2,483,847	-	-	-	-	-	-	-	-	-	-	-	-	2,483,847
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	325,584	-	-	-	-	-	-	-	-	-	-	-	-	325,584
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	65,302	378	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058	378	76,634
914: Pension and Benefits	214,723	1,155	3,235	3,235	3,235	3,235	3,235	3,235	3,235	3,235	3,235	3,235	1,155	249,381
915: Injuries and Damages	64,200	499	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	1,398	499	79,174
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	65,032	901	2,504	2,504	2,504	2,504	2,504	2,504	2,504	2,504	2,504	2,504	901	91,875
922: Minor Material Load	26,601	-	-	-	-	-	-	-	-	-	-	-	-	26,601
925: E&S Loads	596,139	1,176	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	1,176	631,347
926: A&G Loads	255,208	294	821	821	821	821	821	821	821	821	821	821	294	264,010
928: AFUDC Debt	14,962	-	-	-	-	-	-	-	-	-	-	-	-	14,962
929: AFUDC Equity	25,257	-	-	-	-	-	-	-	-	-	-	-	-	25,257
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,096,563)	(21,676)	(29,103)	(30,588)	(30,885)	(30,944)	(30,956)	(30,959)	(30,959)	(30,959)	(30,959)	(30,959)	(15,062)	(5,440,573)
825: Closing Cost of Removal	(271,422)	(2,427)	(3,863)	(4,150)	(4,207)	(4,219)	(4,221)	(4,222)	(4,222)	(4,222)	(4,222)	(4,222)	(2,054)	(317,671)
Project Net	17,528	(11,503)	2,216	443	89	18	4	1	0	-	0	0	(4,516)	4,279

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	829,260	5,064	14,100	14,100	14,100	14,100	14,100	14,100	14,100	14,100	14,100	14,100	5,064	980,388
120: Overtime-General	185,335	-	-	-	-	-	-	-	-	-	-	-	-	185,335
350: Material Issues-Major	479,254	3,210	8,919	8,919	8,919	8,919	8,919	8,919	8,919	8,919	8,919	8,919	3,210	574,864
370: Outside Services	2,483,847	-	-	-	-	-	-	-	-	-	-	-	-	2,483,847
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	325,584	-	-	-	-	-	-	-	-	-	-	-	-	325,584
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	76,634	381	1,062	1,062	1,062	1,062	1,062	1,062	1,062	1,062	1,062	1,062	381	88,014
914: Pension and Benefits	249,381	1,166	3,247	3,247	3,247	3,247	3,247	3,247	3,247	3,247	3,247	3,247	1,166	284,186
915: Injuries and Damages	79,174	504	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	504	94,211
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	91,875	910	2,528	2,528	2,528	2,528	2,528	2,528	2,528	2,528	2,528	2,528	910	118,977
922: Minor Material Load	26,601	-	-	-	-	-	-	-	-	-	-	-	-	26,601
925: E&S Loads	631,347	1,187	3,304	3,304	3,304	3,304	3,304	3,304	3,304	3,304	3,304	3,304	1,187	666,762
926: A&G Loads	264,010	360	1,001	1,001	1,001	1,001	1,001	1,001	1,001	1,001	1,001	1,001	360	274,743
928: AFUDC Debt	14,962	-	-	-	-	-	-	-	-	-	-	-	-	14,962
929: AFUDC Equity	25,257	-	-	-	-	-	-	-	-	-	-	-	-	25,257
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,440,573)	(12,011)	(27,440)	(30,525)	(31,142)	(31,266)	(31,291)	(31,296)	(31,296)	(31,297)	(31,297)	(31,297)	(15,258)	(5,775,988)
825: Closing Cost of Removal	(317,671)	(1,638)	(3,742)	(4,163)	(4,247)	(4,264)	(4,267)	(4,268)	(4,268)	(4,268)	(4,268)	(4,268)	(2,081)	(363,410)
Project Net	4,279	(867)	4,383	877	175	35	7	1	0	0	-	-	(4,556)	4,335

Project No: 41001720 Santa Fe Streetlight Conversion

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 9/30/2022

Description
The City of Santa Fe requested that PNM replace all 2,600 PNM-owned streetlights from High Pressure Sodium (HPS) and Mercury Vapor (MV) to more cost-effective Light-emitting diode (LED) technology. The 16th Revision of PNM's Rate No. 20, states that upon the request from the Customer (City of Santa Fe) the Company (PNM) shall convert Company-owned street lighting fixtures at its own expense up to the limits provided by the installation allowance, with any remaining expenses being the responsibility of the Customer.

Project Need Justification
Per the 16th Revision of PNM's Rate No. 20 PNM shall replace streetlights per the customer's request.

Project Alternatives
Since PNM is required to convert streetlights per Rate 16 no other alternatives were considered.

Project Estimate Approach
This project cost was estimated using the average of the fixed cost bids for the City of Albuquerque project with a 5% contingency for contractor mobilization.

Customer Benefit
This project will benefit the City of Santa Fe by lowering their monthly bills since LED lights use less energy than the currently-installed technology.

Primary Value Driver Compliance

Safety The safety driver for the City of Santa Fe for this project is the possibility in the reduction of crime and pedestrian fatalities due to poorly lit streets, as LED lights are brighter.

Reliability This project will increase reliability because LED lights have a longer life than currently installed bulbs.

System Performance

Security

Compliance This project was required per PNM Rate 20

Environmental

Project No:	41001720 Santa Fe Streetlight Conversion							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	4,201	-	-	-	-	-	-	4,201
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	10,000	-	-	-	-	-	10,000
370: Outside Services	77,081	80,000	80,000	50,000	-	-	-	287,081
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	317	-	-	-	-	-	-	317
914: Pension and Benefits	925	-	-	-	-	-	-	925
915: Injuries and Damages	352	-	-	-	-	-	-	352
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	219	2,682	-	-	-	-	-	2,900
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	8,992	11,250	10,000	6,250	-	-	-	36,492
926: A&G Loads	4,116	3,564	3,168	1,980	-	-	-	12,828
928: AFUDC Debt	561	165	291	386	-	-	-	1,403
929: AFUDC Equity	1,775	396	698	927	-	-	-	3,795
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(300,366)	-	-	-	(300,366)
825: Closing Cost of Removal	-	-	-	-	(59,928)	-	-	(59,928)
Project Net	98,538	108,057	94,156	(240,824)	(59,928)	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	4,201	-	-	-	-	-	-	-	-	-	-	-	-	4,201
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	10,000	-	-	-	-	-	-	-	-	-	-	-	-	10,000
370: Outside Services	287,081	-	-	-	-	-	-	-	-	-	-	-	-	287,081
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	317	-	-	-	-	-	-	-	-	-	-	-	-	317
914: Pension and Benefits	925	-	-	-	-	-	-	-	-	-	-	-	-	925
915: Injuries and Damages	352	-	-	-	-	-	-	-	-	-	-	-	-	352
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,900	-	-	-	-	-	-	-	-	-	-	-	-	2,900
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	36,492	-	-	-	-	-	-	-	-	-	-	-	-	36,492
926: A&G Loads	12,828	-	-	-	-	-	-	-	-	-	-	-	-	12,828
928: AFUDC Debt	1,403	-	-	-	-	-	-	-	-	-	-	-	-	1,403
929: AFUDC Equity	3,795	-	-	-	-	-	-	-	-	-	-	-	-	3,795
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(300,366)	-	-	-	-	-	-	-	-	-	-	-	-	(300,366)
825: Closing Cost of Removal	(59,928)	-	-	-	-	-	-	-	-	-	-	-	-	(59,928)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	4,201	-	-	-	-	-	-	-	-	-	-	-	-	4,201
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	10,000	-	-	-	-	-	-	-	-	-	-	-	-	10,000
370: Outside Services	287,081	-	-	-	-	-	-	-	-	-	-	-	-	287,081
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	317	-	-	-	-	-	-	-	-	-	-	-	-	317
914: Pension and Benefits	925	-	-	-	-	-	-	-	-	-	-	-	-	925
915: Injuries and Damages	352	-	-	-	-	-	-	-	-	-	-	-	-	352
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,900	-	-	-	-	-	-	-	-	-	-	-	-	2,900
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	36,492	-	-	-	-	-	-	-	-	-	-	-	-	36,492
926: A&G Loads	12,828	-	-	-	-	-	-	-	-	-	-	-	-	12,828
928: AFUDC Debt	1,403	-	-	-	-	-	-	-	-	-	-	-	-	1,403
929: AFUDC Equity	3,795	-	-	-	-	-	-	-	-	-	-	-	-	3,795
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(300,366)	-	-	-	-	-	-	-	-	-	-	-	-	(300,366)
825: Closing Cost of Removal	(59,928)	-	-	-	-	-	-	-	-	-	-	-	-	(59,928)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 41001721 FOMA13 Feeder Rebuild

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2025

Description
The Fort Marcy 13 Underground (FOMA13 UG) project includes the demolition and construction of the FOMA13 distribution feeder. The project will consist of a complete rebuild of approximately 5.09 miles of the FOMA13 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~ 180 poles to ensure they are the standard height and class, upgrading ~ 26,875 linear feet of primary wire to 397 All Aluminum Conductor with a 2/O Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's FOMA13 Feeder which serves over 8,974 customers and has, over the last several years, experienced 24 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the FOMA13 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, which would decrease overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest reliability benefits.

System Performance

Security

Compliance

Environmental

Project No:	41001721 FOMA13 Feeder Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	29,409	15,756	15,756	10,756	119,650	119,650	310,978
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	97,106	97,106	194,212
370: Outside Services	-	264,680	141,808	141,808	96,808	727,267	727,267	2,099,640
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	58,264	58,264	116,527
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	2,226	1,193	1,193	814	9,057	9,057	23,541
914: Pension and Benefits	-	6,329	3,391	3,391	2,315	25,749	25,749	66,923
915: Injuries and Damages	-	2,517	1,349	1,349	921	10,242	10,242	26,620
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	26,039	26,039	52,078
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	38,145	20,437	20,437	13,952	130,917	130,917	354,805
926: A&G Loads	-	11,646	6,240	6,240	4,260	39,691	39,691	107,766
928: AFUDC Debt	-	221	560	799	1,002	1,860	3,415	7,857
929: AFUDC Equity	-	529	1,345	1,918	2,405	4,465	8,196	18,858
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	355,703	192,079	192,892	133,233	1,250,306	1,255,592	3,379,804

Project No:	41001721 FOMA13 Feeder Rebuild													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	310,978	146,303	146,303	145,547	145,547	145,547	-	-	-	-	-	-	-	1,040,226
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	194,212	97,106	97,106	97,106	97,106	97,106	-	-	-	-	-	-	-	679,742
370: Outside Services	2,099,640	-	-	-	-	-	-	-	-	-	-	-	-	2,099,640
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	116,527	58,264	58,264	58,264	58,264	58,264	-	-	-	-	-	-	-	407,845
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,541	11,017	11,017	10,960	10,960	10,960	-	-	-	-	-	-	-	78,453
914: Pension and Benefits	66,923	33,694	33,694	33,519	33,519	33,519	-	-	-	-	-	-	-	234,868
915: Injuries and Damages	26,620	14,557	14,557	14,482	14,482	14,482	-	-	-	-	-	-	-	99,180
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	52,078	27,526	27,526	27,526	27,526	27,526	-	-	-	-	-	-	-	189,706
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	354,805	41,508	41,508	41,386	41,386	41,386	-	-	-	-	-	-	-	561,979
926: A&G Loads	107,766	10,830	10,830	10,803	10,803	10,803	-	-	-	-	-	-	-	161,835
928: AFUDC Debt	7,857	6,742	2,687	1,950	1,579	1,401	901	-	-	-	-	-	-	23,117
929: AFUDC Equity	18,858	8,601	3,427	2,487	2,014	1,787	1,150	-	-	-	-	-	-	38,324
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	(2,310,856)	(740,124)	(565,848)	(473,950)	(431,727)	(425,993)	-	-	-	-	-	-	(4,948,498)
825: Closing Cost of Removal	-	(311,196)	(99,587)	(76,190)	(63,907)	(58,294)	(57,243)	-	-	-	-	-	-	(666,417)
Project Net	3,379,804	(2,165,905)	(392,793)	(198,009)	(94,673)	(47,241)	(481,185)	-	-	-	-	-	-	-

Project No:	41001721 FOMA13 Feeder Rebuild													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,040,226	-	-	-	-	-	-	-	-	-	-	-	-	1,040,226
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	679,742	-	-	-	-	-	-	-	-	-	-	-	-	679,742
370: Outside Services	2,099,640	-	-	-	-	-	-	-	-	-	-	-	-	2,099,640
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	407,845	-	-	-	-	-	-	-	-	-	-	-	-	407,845
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	78,453	-	-	-	-	-	-	-	-	-	-	-	-	78,453
914: Pension and Benefits	234,868	-	-	-	-	-	-	-	-	-	-	-	-	234,868
915: Injuries and Damages	99,180	-	-	-	-	-	-	-	-	-	-	-	-	99,180
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	189,706	-	-	-	-	-	-	-	-	-	-	-	-	189,706
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	561,979	-	-	-	-	-	-	-	-	-	-	-	-	561,979
926: A&G Loads	161,835	-	-	-	-	-	-	-	-	-	-	-	-	161,835
928: AFUDC Debt	23,117	-	-	-	-	-	-	-	-	-	-	-	-	23,117
929: AFUDC Equity	38,324	-	-	-	-	-	-	-	-	-	-	-	-	38,324
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,948,498)	-	-	-	-	-	-	-	-	-	-	-	-	(4,948,498)
825: Closing Cost of Removal	(666,417)	-	-	-	-	-	-	-	-	-	-	-	-	(666,417)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 41001820 SF Switchgear Replacements 20-24

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 4/1/2020

Estimated Completion Date 12/31/2026

Description

This project provides for numerous small distribution facility improvements including the design and replacement of outdated underground pad mounted switchgears. In an effort to improve safety and system reliability, PNM is replacing live front padmounted switchgears with dead front padmounted switchgears. Live front means that the switchgear has exposed energized parts inside both the switch bays and fuse bays. Older style switchgears pose an operational and safety hazard. In addition, they are a reliability exposure. These identified switchgears will be replaced with dead front padmounted switchgears. Dead front means that the switchgear will not have any exposed energized parts and allow PNM to break load thus providing additional employee safety when accessing the switchgear and installation. For all new padmounted switchgear installations, a dead front is the PNM standard.

Project Need Justification

Switchgear flashovers and fires have occurred in past due to the nature of the live front gear and access to energized equipment contact by rodents. In addition, unexpected outages associated with these switchgear can be very lengthy and thus increasing restoration times and System Average Interruption Duration Index (SAIDI) minutes.

Project Alternatives

The alternative to this project is to leave the existing outdated, unsafe underground pad mounted switchgears in place and only replace the equipment as the infrastructure fails. This can cause lengthy outages and restoration times and increase the amount of SAIDI minutes for PNM.

Project Estimate Approach

The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards. The estimate also took into account the total number of switches.

Customer Benefit

Customers benefit through reduced outage frequency and duration, maintained service integrity, and enhanced system reliability.

Primary Value Driver Safety

Safety Replacing the pad mounted switchgears eliminates safety issues, such as flash-overs, attributed to the existing switchgears installed on the system. This improves safety for PNM personnel and the general public.

Reliability This project helps maintain the integrity of the underground and pad mounted switchgear in PNM's distribution system, increasing reliability and reducing SAIDI minutes.

System Performance

Security

Compliance

Environmental

Project No:	41001820 SF Switchgear Replacements 20-24							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	18,937	-	-	-	-	-	-	18,937
120: Overtime-General	792	-	-	-	-	-	-	792
350: Material Issues-Major	189,422	-	-	-	-	-	-	189,422
370: Outside Services	38,601	-	-	-	-	-	-	38,601
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	10,073	-	-	-	-	-	-	10,073
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,485	-	-	-	-	-	-	1,485
914: Pension and Benefits	4,354	-	-	-	-	-	-	4,354
915: Injuries and Damages	1,580	-	-	-	-	-	-	1,580
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	5,228	-	-	-	-	-	-	5,228
922: Minor Material Load	5,786	-	-	-	-	-	-	5,786
925: E&S Loads	20,179	-	-	-	-	-	-	20,179
926: A&G Loads	14,481	-	-	-	-	-	-	14,481
928: AFUDC Debt	1,599	216	217	218	219	220	221	2,908
929: AFUDC Equity	5,001	517	520	522	525	528	530	8,144
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(135,278)	-	-	-	-	-	(157,150)	(292,428)
825: Closing Cost of Removal	-	-	-	-	-	-	(29,542)	(29,542)
Project Net	182,240	733	737	740	744	747	(185,940)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	18,937	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	143,937
120: Overtime-General	792	694	694	694	694	694	694	694	694	694	694	694	694	9,125
350: Material Issues-Major	189,422	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	314,422
370: Outside Services	38,601	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	205,268
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	10,073	-	-	-	-	-	-	-	-	-	-	-	-	10,073
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,485	837	837	837	837	837	837	837	837	837	837	837	837	11,525
914: Pension and Benefits	4,354	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	35,060
915: Injuries and Damages	1,580	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	14,847
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	5,228	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	40,660
922: Minor Material Load	5,786	-	-	-	-	-	-	-	-	-	-	-	-	5,786
925: E&S Loads	20,179	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	75,265
926: A&G Loads	14,481	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	29,738
928: AFUDC Debt	2,908	46	137	229	321	414	507	601	695	789	884	980	1,076	9,585
929: AFUDC Equity	8,144	58	175	292	410	528	647	766	886	1,007	1,128	1,250	1,372	16,662
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(292,428)	-	-	-	-	-	-	-	-	-	-	-	(529,810)	(822,238)
825: Closing Cost of Removal	(29,542)	-	-	-	-	-	-	-	-	-	-	-	(70,175)	(99,716)
Project Net	-	48,836	49,044	49,253	49,463	49,674	49,886	50,099	50,313	50,528	50,745	50,962	(548,805)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	143,937	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	268,937
120: Overtime-General	9,125	694	694	694	694	694	694	694	694	694	694	694	694	17,458
350: Material Issues-Major	314,422	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	10,417	439,422
370: Outside Services	205,268	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	13,889	371,935
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	10,073	-	-	-	-	-	-	-	-	-	-	-	-	10,073
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,525	837	837	837	837	837	837	837	837	837	837	837	837	21,565
914: Pension and Benefits	35,060	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	2,559	65,767
915: Injuries and Damages	14,847	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	1,106	28,113
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	40,660	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	2,953	76,093
922: Minor Material Load	5,786	-	-	-	-	-	-	-	-	-	-	-	-	5,786
925: E&S Loads	75,265	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	4,591	130,352
926: A&G Loads	29,738	1,541	1,541	1,541	1,541	1,541	1,541	1,541	1,541	1,541	1,541	1,541	1,541	48,226
928: AFUDC Debt	9,585	39	116	194	273	352	431	511	591	671	752	833	915	15,262
929: AFUDC Equity	16,662	67	202	337	473	610	747	885	1,024	1,163	1,303	1,444	1,585	26,502
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(822,238)	-	-	-	-	-	-	-	-	-	-	-	(532,974)	(1,355,212)
825: Closing Cost of Removal	(99,716)	-	-	-	-	-	-	-	-	-	-	-	(70,562)	(170,279)
Project Net	0	49,107	49,320	49,533	49,748	49,963	50,180	50,397	50,616	50,836	51,057	51,278	(552,035)	(0)

Project No: 41001822 SF Switchgear Replacements 2022

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2022

Description
In an effort to improve our safety and system reliability in PNM's Northern territory, PNM is replacing live front padmounted switchgears with dead front padmounted switchgears. Live front means that the switchgear has exposed energized parts inside both the switch bays and fuse bays. Older style switchgears pose an operational and safety hazard. In addition they are a reliability exposure. These identified switchgears will be replaced with dead front padmounted switchgears. Dead front means that the switchgear will not have any exposed energized parts and allow us to break load thus providing additional employee safety when accessing the switchgear and installation. For all new padmounted switchgear installations, a dead front is the PNM standard.

Project Need Justification
Switchgear flashovers and fires have occurred in past due to the nature of the live front gear and access to energized equipment contact by rodents. In addition, unexpected outages associated with these switchgear can be very lengthy and thus increasing restoration times and System Average Interruption Duration Index (SAIDI) minutes.

Project Alternatives
The alternative to this project is to leave the existing outdated, unsafe underground pad mounted switchgears in place and only replace the equipment as the infrastructure fails. This can cause lengthy outages and restoration times and increase the amount of SAIDI minutes for PNM.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards. The estimate also took into account the total number of switches.

Customer Benefit
Customers benefit through reduced outage frequency and duration, maintained service integrity, and enhanced system reliability.

Primary Value Driver
Safety
Replacing the pad mounted switchgears eliminates safety issues, such as flash-overs, attributed to the existing switchgears installed on the system. This improves safety for PNM personnel and the general public.

Reliability
This project helps maintain the integrity of the underground and pad mounted switchgear in PNM's distribution system, increasing reliability and reducing SAIDI minutes.

System Performance

Security

Compliance

Environmental

Project No:

41001822 SF Switchgear Replacements 2022

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	20,833	20,833	20,833	20,833	20,833	20,833	125,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	20,833	20,833	20,833	20,833	20,833	20,833	125,000
370: Outside Services	-	27,778	27,778	27,778	27,778	27,778	27,778	166,667
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	1,577	1,577	1,577	1,577	1,577	1,577	9,462
914: Pension and Benefits	-	4,483	4,483	4,483	4,483	4,483	4,483	26,900
915: Injuries and Damages	-	1,783	1,783	1,783	1,783	1,783	1,783	10,700
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	5,586	5,586	5,586	5,586	5,586	5,586	33,519
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	9,661	9,661	9,661	9,661	9,661	9,661	57,966
926: A&G Loads	-	2,750	2,750	2,750	2,750	2,750	2,750	16,500
928: AFUDC Debt	-	59	178	297	417	537	658	2,147
929: AFUDC Equity	-	142	427	713	1,001	1,290	1,580	5,153
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(510,408)	(510,408)
825: Closing Cost of Removal	-	-	-	-	-	-	(68,606)	(68,606)
Project Net	-	95,487	95,890	96,296	96,703	97,113	(481,490)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	125,000	-	-	-	-	-	-	-	-	-	-	-	-	125,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	125,000	-	-	-	-	-	-	-	-	-	-	-	-	125,000
370: Outside Services	166,667	-	-	-	-	-	-	-	-	-	-	-	-	166,667
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,462	-	-	-	-	-	-	-	-	-	-	-	-	9,462
914: Pension and Benefits	26,900	-	-	-	-	-	-	-	-	-	-	-	-	26,900
915: Injuries and Damages	10,700	-	-	-	-	-	-	-	-	-	-	-	-	10,700
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	33,519	-	-	-	-	-	-	-	-	-	-	-	-	33,519
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	57,966	-	-	-	-	-	-	-	-	-	-	-	-	57,966
926: A&G Loads	16,500	-	-	-	-	-	-	-	-	-	-	-	-	16,500
928: AFUDC Debt	2,147	-	-	-	-	-	-	-	-	-	-	-	-	2,147
929: AFUDC Equity	5,153	-	-	-	-	-	-	-	-	-	-	-	-	5,153
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(510,408)	-	-	-	-	-	-	-	-	-	-	-	-	(510,408)
825: Closing Cost of Removal	(68,606)	-	-	-	-	-	-	-	-	-	-	-	-	(68,606)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	125,000	-	-	-	-	-	-	-	-	-	-	-	-	125,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	125,000	-	-	-	-	-	-	-	-	-	-	-	-	125,000
370: Outside Services	166,667	-	-	-	-	-	-	-	-	-	-	-	-	166,667
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,462	-	-	-	-	-	-	-	-	-	-	-	-	9,462
914: Pension and Benefits	26,900	-	-	-	-	-	-	-	-	-	-	-	-	26,900
915: Injuries and Damages	10,700	-	-	-	-	-	-	-	-	-	-	-	-	10,700
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	33,519	-	-	-	-	-	-	-	-	-	-	-	-	33,519
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	57,966	-	-	-	-	-	-	-	-	-	-	-	-	57,966
926: A&G Loads	16,500	-	-	-	-	-	-	-	-	-	-	-	-	16,500
928: AFUDC Debt	2,147	-	-	-	-	-	-	-	-	-	-	-	-	2,147
929: AFUDC Equity	5,153	-	-	-	-	-	-	-	-	-	-	-	-	5,153
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(510,408)	-	-	-	-	-	-	-	-	-	-	-	-	(510,408)
825: Closing Cost of Removal	(68,606)	-	-	-	-	-	-	-	-	-	-	-	-	(68,606)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 41002015 Caja del Rio 11 to Beckner 12 FT

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/6/2015

Estimated Completion Date 12/31/2024

Description
This project will construct a new feeder tie to connect Beckner Feeder 12 to Caja Del Rio Feeder 11. The project will extend the Beckner Feeder 12 for approximately 1.5 miles to the end of Miguel Lujan Feeder 14 at switch SW3882F. That portion of Miguel Lujan Feeder 14 up to switch SW2519FD will transfer to Caja Del Rio Feeder 11.

Project Need Justification
The purpose of this project is to establish a new feeder tie which will provide additional feeder and substation capacity by transferring load from Beckner Substation to Caja Del Rio Substation and provide a new switching option for an outage of the Beckner Substation which is needed to avoid existing substation and feeder loading issues for contingency conditions.

Project Alternatives
The only alternative is to do nothing. Doing nothing would mean that some customers would be out of service during an outage until the problem could be fixed. The new tie will provide switching options between Beckner Feeder 12 and Caja Del Rio Feeder 11 creating additional backup support options in the event of an outage of either of these feeders.

Project Estimate Approach
This project was estimated using historical PNM data on similar projects using internal engineering and external labor.

Customer Benefit
This project will ensure that PNM can maintain service to residential and commercial customers for an outage of State Pen substation. The project ensures voltages and equipment loading remain within PNM's operational limits.

Primary Value Driver Reliability

Safety

Reliability
The new feeder tie will provide switching options between Beckner Feeder 12 and Caja Del Rio Feeder 11 creating additional backup support options in the area in the event of an outage of either of these feeders.

System Performance

Security

Compliance

Environmental

Project No:	41002015 Caja del Rio 11 to Beckner 12 FT							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	3,000	3,000	3,500	3,000	2,500	1,500	16,500
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	14,000	18,000	14,000	37,000	7,145	7,145	97,290
370: Outside Services	-	1,000	1,000	1,000	1,000	1,000	1,000	6,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	227	227	265	227	189	114	1,249
914: Pension and Benefits	-	646	646	753	646	538	323	3,551
915: Injuries and Damages	-	257	257	300	257	214	128	1,412
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	3,754	4,827	3,754	9,922	1,916	1,916	26,088
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	2,391	2,891	2,477	5,266	1,448	1,276	15,750
926: A&G Loads	-	713	871	733	1,624	422	382	4,744
928: AFUDC Debt	-	16	52	89	142	189	208	697
929: AFUDC Equity	-	39	125	213	342	454	500	1,672
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	26,042	31,896	27,083	59,425	16,015	14,492	174,953

Project No:	41002015 Caja del Rio 11 to Beckner 12 FT													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	16,500	10,000	10,000	1,500	2,000	1,500	1,500	1,500	1,500	1,500	-	-	-	46,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	97,290	350,000	300,000	107,000	-	-	-	-	-	-	-	-	-	854,290
370: Outside Services	6,000	200,000	20,000	20,000	20,000	20,000	5,000	5,000	5,000	-	-	-	-	301,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,249	753	753	113	151	113	113	113	113	-	-	-	-	3,470
914: Pension and Benefits	3,551	2,303	2,303	345	461	345	345	345	345	-	-	-	-	10,345
915: Injuries and Damages	1,412	995	995	149	199	149	149	149	149	-	-	-	-	4,348
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	26,088	99,211	85,038	30,330	-	-	-	-	-	-	-	-	-	240,668
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	15,750	64,866	38,416	14,847	2,623	2,542	817	817	817	-	-	-	-	141,497
926: A&G Loads	4,744	20,104	11,847	4,613	790	772	233	233	233	-	-	-	-	43,570
928: AFUDC Debt	697	1,028	2,172	2,789	2,994	3,057	3,103	3,133	3,164	-	-	-	-	22,136
929: AFUDC Equity	1,672	1,311	2,770	3,557	3,819	3,899	3,958	3,997	4,036	-	-	-	-	29,021
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	(1,498,922)	-	-	-	-	(1,498,922)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	(197,422)	-	-	-	-	(197,422)
Project Net	174,953	750,571	474,294	185,244	33,037	32,378	15,220	15,289	(1,680,986)	-	-	-	-	-

Project No:	41002015 Caja del Rio 11 to Beckner 12 FT													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	46,000	-	-	-	-	-	-	-	-	-	-	-	-	46,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	854,290	-	-	-	-	-	-	-	-	-	-	-	-	854,290
370: Outside Services	301,000	-	-	-	-	-	-	-	-	-	-	-	-	301,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,470	-	-	-	-	-	-	-	-	-	-	-	-	3,470
914: Pension and Benefits	10,345	-	-	-	-	-	-	-	-	-	-	-	-	10,345
915: Injuries and Damages	4,348	-	-	-	-	-	-	-	-	-	-	-	-	4,348
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	240,668	-	-	-	-	-	-	-	-	-	-	-	-	240,668
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	141,497	-	-	-	-	-	-	-	-	-	-	-	-	141,497
926: A&G Loads	43,570	-	-	-	-	-	-	-	-	-	-	-	-	43,570
928: AFUDC Debt	22,136	-	-	-	-	-	-	-	-	-	-	-	-	22,136
929: AFUDC Equity	29,021	-	-	-	-	-	-	-	-	-	-	-	-	29,021
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,498,922)	-	-	-	-	-	-	-	-	-	-	-	-	(1,498,922)
825: Closing Cost of Removal	(197,422)	-	-	-	-	-	-	-	-	-	-	-	-	(197,422)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 41002215 Mejia 14 to Santa Fe Estates Line Ext

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 1/1/2018

Estimated Completion Date 12/31/2022

Description
This project will cover the capital expense for constructing a feeder tie line between PNM's Mejia and Fort Mercy power lines. The new tie line will include approximately 7,000 feet of three-phase overhead conductor and the installation of a pad mounted switch.

Project Need Justification
The purpose of this project is to mitigate equipment loading above PNM's operational limits (PNM Distribution Standard 16-7.3) that occur on Mejia feeder when load from Fort Marcy is transferred to Mejia during an outage at the Fort Marcy substation. This transfer results in the Mejia feeder conductor operating at 120% of its emergency rating while the power is transferred. Due to the overloading of the Mejia line, a portion of the Fort Marcy load cannot be served. The completion of this project will provide sufficient distribution back-up support during contingency situations.

Project Alternatives
One alternative considered was the construction of a new substation in the area, but that alternative is cost prohibitive. This new feeder tie line between Mejia and Fort Marcy lines is the least cost solution.

Project Estimate Approach
This project employed a construction level cost estimate approach. The major cost drivers for this project include equipment, outside services, and engineering design. Major equipment associated with the project includes overhead conductor, utility poles, and a pad mounted switch. The equipment component cost estimates were developed using PNM's average system unit price index for equipment. Labor and design estimates were developed using PNM's labor database.

Customer Benefit
This project will ensure that PNM can safely maintain service to residential customers during an outage of the Fort Marcy substation by ensuring that equipment loading on the Mejia line remains within PNM's operational limits (PNM Distribution Standard 16-7.3) which will improve reliability.

Primary Value Driver Reliability

Safety

Reliability
This project will increase reliability and reduce on System Average Interruption Duration Index (SAIDI) minutes while ensuring PNM can maintain service to customers during an outage of the Fort Marcy substation.

System Performance

Security

Compliance

Environmental

Project No:	41002215 Mejia 14 to Santa Fe Estates Line Ext							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,126	2,500	2,500	2,500	2,500	2,500	-	14,626
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	40,000	20,000	20,000	20,000	20,000	-	120,000
370: Outside Services	58,863	90,000	48,000	48,000	48,000	48,000	-	340,863
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	103	-	-	-	-	-	-	103
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	160	189	189	189	189	189	-	1,107
914: Pension and Benefits	470	538	538	538	538	538	-	3,160
915: Injuries and Damages	176	214	214	214	214	214	-	1,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	147	10,726	5,363	5,363	5,363	5,363	-	32,325
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	6,158	16,680	8,930	8,930	8,930	8,930	-	58,558
926: A&G Loads	3,014	5,247	2,792	2,792	2,792	2,792	-	19,428
928: AFUDC Debt	313	185	344	456	568	681	739	3,288
929: AFUDC Equity	933	445	827	1,095	1,364	1,635	1,774	8,073
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(526,110)	(526,110)
825: Closing Cost of Removal	-	-	-	-	-	-	(76,667)	(76,667)
Project Net	72,464	166,725	89,697	90,077	90,459	90,842	(600,264)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	14,626	-	-	-	-	-	-	-	-	-	-	-	-	14,626
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	120,000	-	-	-	-	-	-	-	-	-	-	-	-	120,000
370: Outside Services	340,863	-	-	-	-	-	-	-	-	-	-	-	-	340,863
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	103	-	-	-	-	-	-	-	-	-	-	-	-	103
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,107	-	-	-	-	-	-	-	-	-	-	-	-	1,107
914: Pension and Benefits	3,160	-	-	-	-	-	-	-	-	-	-	-	-	3,160
915: Injuries and Damages	1,246	-	-	-	-	-	-	-	-	-	-	-	-	1,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	32,325	-	-	-	-	-	-	-	-	-	-	-	-	32,325
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	58,558	-	-	-	-	-	-	-	-	-	-	-	-	58,558
926: A&G Loads	19,428	-	-	-	-	-	-	-	-	-	-	-	-	19,428
928: AFUDC Debt	3,288	-	-	-	-	-	-	-	-	-	-	-	-	3,288
929: AFUDC Equity	8,073	-	-	-	-	-	-	-	-	-	-	-	-	8,073
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(526,110)	-	-	-	-	-	-	-	-	-	-	-	-	(526,110)
825: Closing Cost of Removal	(76,667)	-	-	-	-	-	-	-	-	-	-	-	-	(76,667)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	14,626	-	-	-	-	-	-	-	-	-	-	-	-	14,626
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	120,000	-	-	-	-	-	-	-	-	-	-	-	-	120,000
370: Outside Services	340,863	-	-	-	-	-	-	-	-	-	-	-	-	340,863
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	103	-	-	-	-	-	-	-	-	-	-	-	-	103
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,107	-	-	-	-	-	-	-	-	-	-	-	-	1,107
914: Pension and Benefits	3,160	-	-	-	-	-	-	-	-	-	-	-	-	3,160
915: Injuries and Damages	1,246	-	-	-	-	-	-	-	-	-	-	-	-	1,246
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	32,325	-	-	-	-	-	-	-	-	-	-	-	-	32,325
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	58,558	-	-	-	-	-	-	-	-	-	-	-	-	58,558
926: A&G Loads	19,428	-	-	-	-	-	-	-	-	-	-	-	-	19,428
928: AFUDC Debt	3,288	-	-	-	-	-	-	-	-	-	-	-	-	3,288
929: AFUDC Equity	8,073	-	-	-	-	-	-	-	-	-	-	-	-	8,073
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(526,110)	-	-	-	-	-	-	-	-	-	-	-	-	(526,110)
825: Closing Cost of Removal	(76,667)	-	-	-	-	-	-	-	-	-	-	-	-	(76,667)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 41002316 Bird Guard Reliability

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 12/18/2015

Estimated Completion Date 12/31/2027

Description
This project involves the installation of protective covers for overhead distribution equipment to prevent birds and other wildlife from coming in direct contact with energized infrastructure. Bird or other wildlife contact with energized infrastructure often causes electrical outages and can be fatal to the animal.

Project Need Justification
Avian and other wildlife contact with electrical distribution infrastructure is a leading cause of outages annually across PNM's system. This project will help increase PNM's reliability by hardening equipment to reduce the chances of wildlife-caused outages, while simultaneously providing environmental benefit of protecting wildlife.

Project Alternatives
Protective covers for energized equipment is often the most economical means of preventing electrical contact of birds and other animals that leads to outages, especially in retrofit applications. Other alternatives include changing pole construction type or using longer spanning cross arms, however these are generally more expensive options and can also include the need to acquire additional right-of-way easements which can be expensive, time consuming, and/or challenging to impossible and may still require the need for equipment covers.

Project Estimate Approach
The estimate for annual spend on the project was developed by escalating the most recent 12-month spend by 2% annually. Additionally, incremental savings may be achieved by coordinating the scheduling of installation of bird guards simultaneously with two other projects: PURE (funding project 10001707); and Pole Grounds (funding project 10002516).

Customer Benefit
Bird guard installation increases reliability by reducing outages caused by electrical contact from birds and other wildlife.

Primary Value Driver Environmental

Safety

Reliability Installing bird guards increases reliability by reducing outages caused by electrical contact from birds and other wildlife.

System Performance

Security

Compliance

Environmental Installing bird guards reduces the hazard of electrical contact with birds and other wildlife, some of whom may be protected by federal or state environmental regulations.

Project No: 41002316 Bird Guard Reliability

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	188,236	4,500	4,500	4,500	4,500	4,500	1,800	212,536
120: Overtime-General	30,928	-	-	-	-	-	-	30,928
350: Material Issues-Major	100,466	1,520	1,520	1,520	1,520	1,520	1,000	109,066
370: Outside Services	731,980	-	-	-	-	-	-	731,980
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	91,783	-	-	-	-	-	-	91,783
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	16,765	341	341	341	341	341	136	18,604
914: Pension and Benefits	55,003	968	968	968	968	968	387	60,232
915: Injuries and Damages	16,406	385	385	385	385	385	154	18,486
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	23,117	408	408	408	408	408	268	25,423
922: Minor Material Load	8,814	-	-	-	-	-	-	8,814
925: E&S Loads	176,904	964	964	964	964	964	435	182,160
926: A&G Loads	72,346	238	238	238	238	238	111	73,649
928: AFUDC Debt	1,866	-	-	-	-	-	-	1,866
929: AFUDC Equity	4,109	-	-	-	-	-	-	4,109
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,440,243)	(43,341)	-	-	(54,366)	-	(20,459)	(1,558,410)
825: Closing Cost of Removal	-	(559)	-	-	(3,133)	-	(1,934)	(5,626)
Project Net	78,477	(34,576)	9,325	9,325	(48,175)	9,325	(18,101)	5,598

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	212,536	1,817	4,543	4,543	4,543	4,543	4,543	4,543	4,543	4,543	4,543	4,543	1,817	261,600
120: Overtime-General	30,928	-	-	-	-	-	-	-	-	-	-	-	-	30,928
350: Material Issues-Major	109,066	1,116	1,535	1,535	1,535	1,535	1,535	1,535	1,535	1,535	1,535	1,535	1,116	126,648
370: Outside Services	731,980	-	-	-	-	-	-	-	-	-	-	-	-	731,980
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	91,783	-	-	-	-	-	-	-	-	-	-	-	-	91,783
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,604	137	342	342	342	342	342	342	342	342	342	342	137	22,299
914: Pension and Benefits	60,232	418	1,046	1,046	1,046	1,046	1,046	1,046	1,046	1,046	1,046	1,046	418	71,532
915: Injuries and Damages	18,486	181	452	452	452	452	452	452	452	452	452	452	181	23,368
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	25,423	316	435	435	435	435	435	435	435	435	435	435	316	30,407
922: Minor Material Load	8,814	-	-	-	-	-	-	-	-	-	-	-	-	8,814
925: E&S Loads	182,160	422	911	911	911	911	911	911	911	911	911	911	422	192,110
926: A&G Loads	73,649	105	218	218	218	218	218	218	218	218	218	218	105	76,042
928: AFUDC Debt	1,866	-	-	-	-	-	-	-	-	-	-	-	-	1,866
929: AFUDC Equity	4,109	-	-	-	-	-	-	-	-	-	-	-	-	4,109
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,558,410)	(7,269)	(8,129)	(8,301)	(8,336)	(8,343)	(8,344)	(8,344)	(8,344)	(8,344)	(8,344)	(8,344)	(4,846)	(1,653,700)
825: Closing Cost of Removal	(5,626)	(820)	(1,074)	(1,125)	(1,135)	(1,137)	(1,138)	(1,138)	(1,138)	(1,138)	(1,138)	(1,138)	(661)	(18,406)
Project Net	5,598	(3,576)	279	56	11	2	0	0	0	-	-	-	(994)	1,377

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	261,600	1,828	4,572	4,572	4,572	4,572	4,572	4,572	4,572	4,572	4,572	4,572	1,828	310,976
120: Overtime-General	30,928	-	-	-	-	-	-	-	-	-	-	-	-	30,928
350: Material Issues-Major	126,648	1,122	1,544	1,544	1,544	1,544	1,544	1,544	1,544	1,544	1,544	1,544	1,122	144,332
370: Outside Services	731,980	-	-	-	-	-	-	-	-	-	-	-	-	731,980
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	91,783	-	-	-	-	-	-	-	-	-	-	-	-	91,783
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,299	138	344	344	344	344	344	344	344	344	344	344	138	26,017
914: Pension and Benefits	71,532	421	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	1,053	421	82,903
915: Injuries and Damages	23,368	182	455	455	455	455	455	455	455	455	455	455	182	28,280
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	30,407	318	438	438	438	438	438	438	438	438	438	438	318	35,420
922: Minor Material Load	8,814	-	-	-	-	-	-	-	-	-	-	-	-	8,814
925: E&S Loads	192,110	424	916	916	916	916	916	916	916	916	916	916	424	202,122
926: A&G Loads	76,042	128	266	266	266	266	266	266	266	266	266	266	128	78,959
928: AFUDC Debt	1,866	-	-	-	-	-	-	-	-	-	-	-	-	1,866
929: AFUDC Equity	4,109	-	-	-	-	-	-	-	-	-	-	-	-	4,109
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,653,700)	(4,180)	(7,586)	(8,267)	(8,404)	(8,431)	(8,436)	(8,437)	(8,438)	(8,438)	(8,438)	(8,438)	(4,899)	(1,746,090)
825: Closing Cost of Removal	(18,406)	(570)	(1,034)	(1,127)	(1,146)	(1,150)	(1,150)	(1,151)	(1,151)	(1,151)	(1,151)	(1,151)	(668)	(31,005)
Project Net	1,377	(189)	968	194	39	8	2	0	0	0	0	0	(1,005)	1,392

Project No: 41002516 Pole Grounds
Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information County % Santa Fe 100%

Estimated Start Date 12/18/2015

Estimated Completion Date 12/31/2027

Description
 This project is intended primarily to replace stolen copper pole grounds using a less valuable copper clad steel wire. Pole grounds are wires attached to equipment on the pole and/or attached to the neutral conductor running the length of the pole. They enable the proper operation of protective devices, provide paths for lightning strikes to ground, and provide voltage stability. For many years PNM used all copper wire for the ground wires. In recent years, theft of the copper ground wires has increased due to its increased market value at salvage/recycling yards. The #4 copper clad steel wire is used for general pole grounding and 2/0 copper clad steel wire is used for grounding poles with pole mounted switches or backbone conductor risers attached to the poles.

Project Need Justification
 Pole grounds are necessary on all poles with equipment attached, such as transformers, capacitors, risers, and switches, for the proper and safe operation of the distribution system. At a minimum, four grounds per mile of overhead line are required when equipment is not attached to poles. With increased theft of copper grounds, it is necessary to replace the stolen grounds to keep the distribution system safe and operating properly.

Project Alternatives
 Stolen ground wires could be replaced with the same copper wire that was stolen, however, this likely would result in repeated thefts, increased costs, and could impact safety due to the need to repeatedly replace the wiring. An alternative to replacing stolen ground wires with the same wire is to replace them with copper clad steel wire, which has less recyclable value which will reduce ground wire thefts.

Project Estimate Approach
 Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
 Performing this work helps to increase PNM's distribution system reliability and safety through voltage stabilization and proper operation of protective grounding devices.

Primary Value Driver Safety
 Maintaining grounds on the distribution system helps ensure that metal equipment will not become energized, which exposes PNM employees and contractors, and the public, to dangerous voltages. Ground wires also help ensure protective devices and lightning protection systems operate properly.

Reliability

System Performance Performing this work helps to increase PNM's distribution system reliability through voltage stabilization and proper operation of protective grounding devices.

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	41002516 Pole Grounds							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	6,191	48	48	48	48	48	48	6,482
120: Overtime-General	541	-	-	-	-	-	-	541
350: Material Issues-Major	7,093	58	97	19	97	87	68	7,519
370: Outside Services	42,899	872	1,000	700	969	700	484	47,623
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	2,319	-	-	-	-	-	-	2,319
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	523	4	4	4	4	4	4	545
914: Pension and Benefits	1,767	10	10	10	10	10	10	1,829
915: Injuries and Damages	438	4	4	4	4	4	4	463
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	677	16	26	5	26	23	18	792
922: Minor Material Load	978	-	-	-	-	-	-	978
925: E&S Loads	9,940	125	145	98	142	107	77	10,634
926: A&G Loads	3,740	39	45	30	44	33	24	3,955
928: AFUDC Debt	27	-	-	-	-	-	-	27
929: AFUDC Equity	77	-	-	-	-	-	-	77
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(63,118)	(1,867)	-	-	(4,059)	-	(2,047)	(71,090)
825: Closing Cost of Removal	(11,393)	(71)	-	-	(406)	-	(250)	(12,120)
Project Net	2,699	(762)	1,380	920	(3,121)	1,017	(1,559)	574

Project No:	41002516 Pole Grounds													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	6,482	48	48	48	48	48	48	48	48	48	48	48	48	7,063
120: Overtime-General	541	10	10	10	10	10	10	-	-	-	-	-	-	590
350: Material Issues-Major	7,519	10	194	97	194	97	97	58	97	97	97	87	68	8,710
370: Outside Services	47,623	291	872	872	872	1,550	872	872	1,000	872	969	581	484	57,728
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,319	18	10	10	10	10	-	-	-	-	-	-	-	2,376
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	545	4	4	4	4	4	4	4	4	4	4	4	4	593
914: Pension and Benefits	1,829	13	13	13	13	13	11	11	11	11	11	11	11	1,974
915: Injuries and Damages	463	6	6	6	6	6	5	5	5	5	5	5	5	526
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	792	3	55	27	55	27	27	16	27	27	27	25	19	1,129
922: Minor Material Load	978	-	-	-	-	-	-	-	-	-	-	-	-	978
925: E&S Loads	10,634	46	133	122	133	200	119	115	134	119	130	85	71	12,041
926: A&G Loads	3,955	14	41	37	41	62	37	35	41	37	40	26	22	4,386
928: AFUDC Debt	27	-	-	-	-	-	-	-	-	-	-	-	-	27
929: AFUDC Equity	77	-	-	-	-	-	-	-	-	-	-	-	-	77
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(71,090)	(735)	(1,122)	(1,102)	(1,196)	(1,666)	(1,192)	(1,058)	(1,174)	(1,094)	(1,156)	(845)	(684)	(84,114)
825: Closing Cost of Removal	(12,120)	(94)	(152)	(150)	(163)	(227)	(163)	(144)	(160)	(149)	(158)	(115)	(93)	(13,889)
Project Net	574	(367)	111	(6)	27	134	(135)	(38)	33	(23)	18	(88)	(46)	194

Project No:	41002516 Pole Grounds													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	7,063	48	48	48	48	48	48	48	48	48	48	48	48	7,644
120: Overtime-General	590	10	10	10	10	10	-	-	-	-	-	-	-	638
350: Material Issues-Major	8,710	10	194	97	194	97	97	58	97	97	97	87	68	9,863
370: Outside Services	57,728	291	872	872	872	1,550	872	872	1,000	872	969	581	484	67,832
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,376	18	10	10	10	10	-	-	-	-	-	-	-	2,433
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	593	4	4	4	4	4	4	4	4	4	4	4	4	640
914: Pension and Benefits	1,974	13	13	13	13	13	11	11	11	11	11	11	11	2,119
915: Injuries and Damages	526	6	6	6	6	6	5	5	5	5	5	5	5	588
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,129	3	55	27	55	27	27	16	27	16	27	25	19	1,456
922: Minor Material Load	978	-	-	-	-	-	-	-	-	-	-	-	-	978
925: E&S Loads	12,041	46	133	122	133	200	119	115	134	115	130	85	71	13,444
926: A&G Loads	4,386	16	49	45	49	75	44	43	50	43	48	31	26	4,905
928: AFUDC Debt	27	-	-	-	-	-	-	-	-	-	-	-	-	27
929: AFUDC Equity	77	-	-	-	-	-	-	-	-	-	-	-	-	77
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(84,114)	(464)	(1,074)	(1,098)	(1,201)	(1,676)	(1,199)	(1,065)	(1,182)	(1,061)	(1,155)	(848)	(688)	(96,827)
825: Closing Cost of Removal	(13,889)	(63)	(146)	(150)	(164)	(229)	(164)	(145)	(161)	(145)	(158)	(116)	(94)	(15,622)
Project Net	194	(63)	173	7	29	135	(135)	(38)	33	(34)	27	(87)	(45)	196

Project No: 41005221 COLI13 Feeder Rebuild

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 9/1/2021

Estimated Completion Date 12/31/2025

Description

The COLI13 project includes the demolition and construction of the COLI13 distribution feeder. The project will consist of a complete rebuild of approximately 23.16 miles of the COLI13 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~816 poles to ensure they are the standard height and class, upgrading ~122,284 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification

The purpose of this project is to improve the reliability of PNM's COLI13 Feeder which serves over 10,758 customers and has, over the last several years, experienced 30 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives

An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach

The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit

This project will rebuild the COLI13 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders).

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, which would decrease overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest reliability benefits.

System Performance

Security

Compliance

Environmental

Project No:	41005221 COLI13 Feeder Rebuild							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	17,016	12,016	12,016	10,049	8,993	60,092
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	153,148	108,148	108,148	90,442	80,938	540,824
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	1,288	910	910	761	681	4,549
914: Pension and Benefits	-	-	3,662	2,586	2,586	2,163	1,935	12,932
915: Injuries and Damages	-	-	1,457	1,029	1,029	860	770	5,144
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	22,071	15,586	15,586	13,034	11,665	77,943
926: A&G Loads	-	-	6,739	4,759	4,759	3,979	3,561	23,796
928: AFUDC Debt	-	-	128	346	528	696	842	2,539
929: AFUDC Equity	-	-	306	830	1,267	1,670	2,021	6,094
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	205,815	146,209	146,828	123,654	111,406	733,912

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	60,092	-	-	-	-	-	-	-	-	-	-	-	-	60,092
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	540,824	-	-	-	-	-	-	-	-	-	-	-	-	540,824
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,549	-	-	-	-	-	-	-	-	-	-	-	-	4,549
914: Pension and Benefits	12,932	-	-	-	-	-	-	-	-	-	-	-	-	12,932
915: Injuries and Damages	5,144	-	-	-	-	-	-	-	-	-	-	-	-	5,144
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	77,943	-	-	-	-	-	-	-	-	-	-	-	-	77,943
926: A&G Loads	23,796	-	-	-	-	-	-	-	-	-	-	-	-	23,796
928: AFUDC Debt	2,539	1,375	1,382	1,389	1,395	1,402	1,409	1,416	-	-	-	-	-	12,307
929: AFUDC Equity	6,094	1,754	1,763	1,771	1,780	1,789	1,797	1,806	-	-	-	-	-	18,554
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(669,106)	-	-	-	-	-	(669,106)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(87,033)	-	-	-	-	-	(87,033)
Project Net	733,912	3,130	3,145	3,160	3,175	3,191	3,206	(752,918)	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	60,092	-	-	-	-	-	-	-	-	-	-	-	-	60,092
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	540,824	-	-	-	-	-	-	-	-	-	-	-	-	540,824
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,549	-	-	-	-	-	-	-	-	-	-	-	-	4,549
914: Pension and Benefits	12,932	-	-	-	-	-	-	-	-	-	-	-	-	12,932
915: Injuries and Damages	5,144	-	-	-	-	-	-	-	-	-	-	-	-	5,144
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	77,943	-	-	-	-	-	-	-	-	-	-	-	-	77,943
926: A&G Loads	23,796	-	-	-	-	-	-	-	-	-	-	-	-	23,796
928: AFUDC Debt	12,307	-	-	-	-	-	-	-	-	-	-	-	-	12,307
929: AFUDC Equity	18,554	-	-	-	-	-	-	-	-	-	-	-	-	18,554
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(669,106)	-	-	-	-	-	-	-	-	-	-	-	-	(669,106)
825: Closing Cost of Removal	(87,033)	-	-	-	-	-	-	-	-	-	-	-	-	(87,033)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 41030621 Santa Fe Gate/Fencing Upgrades

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 4/1/2021

Estimated Completion Date 12/31/2023

Description
This project encompasses the replacement of existing gates and fences for the Santa Fe Electric Service Center (SFESC). The existing systems are very old and have been cut/repared many times over the years and do not meet current security requirements for protecting property and assets. The automatic gates are also in urgent need to be replaced due to constant malfunctions, leaving gates wide open and or fully closed until repair services can be rendered. Newer gates have significantly more reliable openers and are faster than the old chain-drive systems currently deployed.

Project Need Justification
Poorly maintained fences and gates leave the facility and property susceptible to vandalism and theft. When failures occur, gates need to be manually opened/closed which is not practical given the size and number of vehicles crossing through these areas. Increased efficiency and security is required at this site.

Project Alternatives
The alternative is to continue repairing gates and mending fences as breakdowns occur. With more emphasis on safety and proficiency in operations, it is recommended to bring these items up to the same improvement standard that we have initiated at other PNM facilities.

Project Estimate Approach
The project team and all key stakeholders will be involved in the competitive bid process utilizing PNM's Sourcing group for procurement and contractual processes. Architectural drawings will be developed, approved, and stamped to support this effort for General Contractor bids. Initial assumptions were done by the project manager and were approved by the business unit to fund the project. Other projects similar in scope were considered to determine the project estimate.

Customer Benefit
This project will benefit customers by providing PNM support crews with more efficient and reliable access to the facility and improving security of assets that are used throughout the SFESC service territory.

Primary Value Driver Security

Safety

Reliability

System Performance

Security This project will improve physical and technological access to the SFESC while securing the property and assets.

Compliance

Environmental

Project No: 41030621 Santa Fe Gate/Fencing Upgrades

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	60,000	60,000	42,000	40,000	42,500	-	244,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	2,154	2,154	1,508	1,436	1,526	-	8,778
928: AFUDC Debt	-	-	-	-	-	-	-	58	175	274	355	437	480	1,779
929: AFUDC Equity	-	-	-	-	-	-	-	74	223	350	453	557	612	2,270
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(226,934)	(226,934)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(30,393)	(30,393)
Project Net	-	-	-	-	-	-	-	62,286	62,552	44,132	42,244	45,020	(256,234)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	244,500	-	-	-	-	-	-	-	-	-	-	-	-	244,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	8,778	-	-	-	-	-	-	-	-	-	-	-	-	8,778
928: AFUDC Debt	1,779	-	-	-	-	-	-	-	-	-	-	-	-	1,779
929: AFUDC Equity	2,270	-	-	-	-	-	-	-	-	-	-	-	-	2,270
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(226,934)	-	-	-	-	-	-	-	-	-	-	-	-	(226,934)
825: Closing Cost of Removal	(30,393)	-	-	-	-	-	-	-	-	-	-	-	-	(30,393)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 41030622 Santa Fe Backup Generators

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County % Santa Fe 100%

Estimated Start Date 8/1/2021

Estimated Completion Date 6/30/2023

Description
New Mexico Operations has a need to install two new backup generators for the Santa Fe Electric Service Center (SFESC). These units will provide backup power requirements for the primary buildings, i.e., the garage and line department building as well as the old engineering/administration and substation buildings. Specific genset(s) size, fuel capacity, uninterruptible power supply (UPS), and supporting transfer switchgear requirements will be identified during the initial engineering design phase of this project.

Project Need Justification
This project is needed to provide essential back-up power capabilities for SFESC during outages caused by storms and other unforeseen circumstances which can have negative impacts on essential operations. Modernizing PNM's overhead distribution system is necessary to help reduce the duration of outages. Traditional manual switches require dispatching crews to troubleshoot and then manually operate switches to restore power. Remotely operated switches can expedite power restoration without the need for a crew to be on-site to operate a switch.

Project Alternatives
The only alternative would be the addition of non-supervisory control and data acquisition (SCADA) controlled switches which would not improve system reliability or decrease outage time. Manual switches would require a lineman to physically open or close the switch by hand. This would not improve outage time which directly affects PNM's System Average Interruption Duration Index (SAIDI) minutes.

Project Estimate Approach
An external engineering design firm was contracted to prepare the design drawings and estimated cost of this project, accounting for material purchases and labor requirements. Requests for proposals (RFPs) were then sent to qualified general contractors, coordinated through the Sourcing department.

Customer Benefit
Customers will benefit from SFESC personnel having the ability to maintain operations during outages and other unforeseen circumstances.

Primary Value Driver Safety

Safety
Constant improvements are required for facilities throughout PNM's service territory. This particular initiative will keep the SFESC properly functioning during outages (i.e., grounds and building lighting, computer systems, etc.), improving safety. This project also reduces the need for linemen to manually perform work, limiting their exposure as well.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	41030622 Santa Fe Backup Generators							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	33,657	112,700	77,000	78,000	88,000	88,000	73,000	550,357
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	106	-	-	-	-	-	-	106
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	2,019	4,463	3,049	3,089	3,485	3,485	2,891	22,481
928: AFUDC Debt	407	126	249	350	459	575	682	2,848
929: AFUDC Equity	1,299	302	597	840	1,102	1,380	1,636	7,156
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(518,488)	(518,488)
825: Closing Cost of Removal	-	-	-	-	-	-	(64,459)	(64,459)
Project Net	37,488	117,590	80,895	82,279	93,046	93,440	(504,739)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	550,357	39,427	39,427	39,427	39,427	38,253	-	-	-	-	-	-	-	746,318
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	106	-	-	-	-	-	-	-	-	-	-	-	-	106
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	22,481	1,415	1,415	1,415	1,415	1,373	-	-	-	-	-	-	-	29,516
928: AFUDC Debt	2,848	38	115	192	269	346	384	-	-	-	-	-	-	4,192
929: AFUDC Equity	7,156	49	146	245	343	441	490	-	-	-	-	-	-	8,870
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(518,488)	-	-	-	-	-	(181,694)	-	-	-	-	-	-	(700,182)
825: Closing Cost of Removal	(64,459)	-	-	-	-	-	(24,359)	-	-	-	-	-	-	(88,819)
Project Net	(0)	40,929	41,104	41,279	41,455	40,412	(205,179)	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	746,318	-	-	-	-	-	-	-	-	-	-	-	-	746,318
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	106	-	-	-	-	-	-	-	-	-	-	-	-	106
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	29,516	-	-	-	-	-	-	-	-	-	-	-	-	29,516
928: AFUDC Debt	4,192	-	-	-	-	-	-	-	-	-	-	-	-	4,192
929: AFUDC Equity	8,870	-	-	-	-	-	-	-	-	-	-	-	-	8,870
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(700,182)	-	-	-	-	-	-	-	-	-	-	-	-	(700,182)
825: Closing Cost of Removal	(88,819)	-	-	-	-	-	-	-	-	-	-	-	-	(88,819)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 41034007 **Tools & Equipment**

Company: 001 Electric Services
Location: 410 Santa Fe Electric Services

Project Information

County %	Santa Fe	90%
	San Miguel	10%
	Sandoval	

Estimated Start Date 9/12/2006

Estimated Completion Date 12/31/2027

Description
This project is to fund the purchase of tools and equipment used in construction and maintenance activities, and replace defective and/or broken tools and equipment utilized by PNM personnel in Santa Fe and Las Vegas. Examples of tools to be purchased include digital voltage indicators, fault wizards, concrete saws, impact tools, crimper kits, and more.

Project Need Justification
This project funds the purchase of tools and equipment used in construction and maintenance and to replace defective and broken equipment utilized by PNM personnel in Santa Fe and Las Vegas. Properly working tools and equipment are necessary to ensure PNM employees are able to perform work safely and effectively.

Project Alternatives
Not purchasing tools and equipment will negatively impact PNM employees' ability to perform distribution work, which potentially increases costs as more time and effort may be required to perform the task without the proper tools. Specific alternatives as to the type of tools and equipment purchased will be evaluated the time of replacement.

Project Estimate Approach
The project estimate based on historical spend when purchasing similar tools and equipment and the projected needs for these in Santa Fe and Las Vegas.

Customer Benefit
Customers benefit from this project as PNM personnel with the right tools may respond and restore outages more quickly improving reliability of customers' electricity service.

Primary Value Driver Safety

Safety Having the proper tools and equipment needed to conduct work will ensure PNM personnel are able to perform work safely and effectively.

Reliability This project improves overall reliability by ensuring PNM personnel have access to tools necessary to respond and restore outages as quickly as possible.

System Performance

Security

Compliance

Environmental

Project No:	41034007 Tools & Equipment							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,862	-	-	-	-	-	-	2,862
120: Overtime-General	136	-	-	-	-	-	-	136
350: Material Issues-Major	744,802	-	-	-	-	-	-	744,802
370: Outside Services	33,756	-	-	-	-	-	-	33,756
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	3,199	-	23	87	40	80	122	3,551
610: Expenses - General	12,882	-	19,300	31,833	31,806	-	31,833	127,654
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	219	-	-	-	-	-	-	219
914: Pension and Benefits	864	-	-	-	-	-	-	864
915: Injuries and Damages	204	-	-	-	-	-	-	204
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	18,648	-	-	-	-	-	-	18,648
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	2,124	-	-	-	-	-	-	2,124
926: A&G Loads	51,343	-	764	1,261	1,260	-	1,261	55,888
928: AFUDC Debt	4,740	-	-	-	-	-	-	4,740
929: AFUDC Equity	904	-	-	-	-	-	-	904
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(876,684)	-	-	(46,804)	-	-	(58,461)	(981,949)
825: Closing Cost of Removal	-	-	-	(6,379)	-	-	(7,939)	(14,318)
Project Net	0	-	20,088	(20,002)	33,105	80	(33,185)	86

Project No:	41034007 Tools & Equipment													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,862	-	-	-	-	-	-	-	-	-	-	-	-	2,862
120: Overtime-General	136	-	-	-	-	-	-	-	-	-	-	-	-	136
350: Material Issues-Major	744,802	-	-	-	-	-	-	-	-	-	-	-	-	744,802
370: Outside Services	33,756	-	-	-	-	-	-	-	-	-	-	-	-	33,756
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	3,551	-	-	45	-	-	-	47	-	-	48	-	51	3,741
610: Expenses - General	127,654	-	-	34,888	-	-	-	34,888	-	-	34,888	-	34,888	267,206
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	219	-	-	-	-	-	-	-	-	-	-	-	-	219
914: Pension and Benefits	864	-	-	-	-	-	-	-	-	-	-	-	-	864
915: Injuries and Damages	204	-	-	-	-	-	-	-	-	-	-	-	-	204
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	18,648	-	-	-	-	-	-	-	-	-	-	-	-	18,648
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,124	-	-	-	-	-	-	-	-	-	-	-	-	2,124
926: A&G Loads	55,888	-	-	1,252	-	-	-	1,252	-	-	1,252	-	1,252	60,898
928: AFUDC Debt	4,740	-	-	-	-	-	-	-	-	-	-	-	-	4,740
929: AFUDC Equity	904	-	-	-	-	-	-	-	-	-	-	-	-	904
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(981,949)	-	-	(31,849)	-	-	-	(31,850)	-	-	(31,852)	-	(31,854)	(1,109,354)
825: Closing Cost of Removal	(14,318)	-	-	(4,337)	-	-	-	(4,337)	-	-	(4,337)	-	(4,337)	(31,665)
Project Net	86	-	-	-	-	-	-	-	-	-	-	-	-	86

Project No:	41034007 Tools & Equipment													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,862	-	-	-	-	-	-	-	-	-	-	-	-	2,862
120: Overtime-General	136	-	-	-	-	-	-	-	-	-	-	-	-	136
350: Material Issues-Major	744,802	-	-	-	-	-	-	-	-	-	-	-	-	744,802
370: Outside Services	33,756	-	-	-	-	-	-	-	-	-	-	-	-	33,756
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	3,741	-	-	61	-	-	-	61	-	-	61	-	61	3,985
610: Expenses - General	267,206	-	-	38,238	-	-	-	38,238	-	-	38,238	-	38,238	420,158
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	219	-	-	-	-	-	-	-	-	-	-	-	-	219
914: Pension and Benefits	864	-	-	-	-	-	-	-	-	-	-	-	-	864
915: Injuries and Damages	204	-	-	-	-	-	-	-	-	-	-	-	-	204
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	18,648	-	-	-	-	-	-	-	-	-	-	-	-	18,648
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,124	-	-	-	-	-	-	-	-	-	-	-	-	2,124
926: A&G Loads	60,898	-	-	1,663	-	-	-	1,663	-	-	1,663	-	1,663	67,552
928: AFUDC Debt	4,740	-	-	-	-	-	-	-	-	-	-	-	-	4,740
929: AFUDC Equity	904	-	-	-	-	-	-	-	-	-	-	-	-	904
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,109,354)	-	-	(35,174)	-	-	-	(35,174)	-	-	(35,174)	-	(35,175)	(1,250,051)
825: Closing Cost of Removal	(31,665)	-	-	(4,788)	-	-	-	(4,788)	-	-	(4,788)	-	(4,788)	(50,818)
Project Net	86	-	-	-	-	-	-	-	-	-	-	-	-	86

Project No: 50000107 Line Extensions - Residential

Company: 001 Electric Services
Location: 500 Belen Division

Project Information

County % Valencia 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service or to upgrade existing services. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new or existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new or existing home.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	50000107 Line Extensions - Residential							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	595,633	4,567	3,401	3,743	1,885	7,176	6,442	622,848
120: Overtime-General	8,261	3	3	3	1	5	5	8,282
350: Material Issues-Major	1,237,338	7,033	5,237	5,765	2,903	11,051	9,920	1,279,247
370: Outside Services	1,988,260	26,243	19,541	21,509	10,831	41,234	37,014	2,144,633
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	19,741	-	-	-	-	-	-	19,741
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	354,561	282	210	231	116	443	397	356,239
805: Land and Land Rights	7,630	-	-	-	-	-	-	7,630
807: Non Refundable Contrib	(3,687,009)	(28,760)	(21,415)	(23,572)	(11,870)	(45,189)	(40,564)	(3,858,379)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	44,923	346	258	284	143	544	488	46,985
914: Pension and Benefits	159,426	984	732	806	406	1,545	1,387	165,287
915: Injuries and Damages	43,842	391	291	321	161	615	552	46,173
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	98,292	1,886	1,404	1,546	778	2,963	2,660	109,530
922: Minor Material Load	80,132	-	-	-	-	-	-	80,132
925: E&S Loads	564,030	4,981	3,709	4,083	2,056	7,827	7,026	593,711
926: A&G Loads	231,938	1,510	1,124	1,238	623	2,372	2,130	240,935
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,594,389)	(12,120)	(12,235)	(12,560)	(11,572)	(14,334)	(16,103)	(1,673,311)
825: Closing Cost of Removal	(60,629)	(7,940)	(6,824)	(5,940)	(5,045)	(4,797)	(4,527)	(95,703)
Project Net	91,980	(594)	(4,563)	(2,545)	(8,582)	11,456	6,827	93,979

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	622,848	9,866	4,399	3,729	7,213	4,558	6,039	4,681	3,486	3,837	1,932	7,356	6,603	686,546
120: Overtime-General	8,282	7	3	3	5	3	5	4	3	3	1	6	5	8,330
350: Material Issues-Major	1,279,247	15,045	6,707	5,687	11,000	6,951	9,210	7,139	5,316	5,851	2,946	11,217	10,069	1,376,384
370: Outside Services	2,144,633	56,138	25,027	21,218	41,042	25,935	34,363	26,637	19,834	21,832	10,993	41,853	37,569	2,507,073
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	19,741	-	-	-	-	-	-	-	-	-	-	-	-	19,741
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	356,239	602	269	228	440	278	369	286	213	234	118	449	403	360,129
805: Land and Land Rights	7,630	-	-	-	-	-	-	-	-	-	-	-	-	7,630
807: Non Refundable Contrib	(3,858,379)	(61,522)	(27,427)	(23,253)	(44,979)	(28,422)	(37,659)	(29,191)	(21,737)	(23,926)	(12,048)	(45,867)	(41,172)	(4,255,580)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	46,985	743	331	281	544	343	455	353	263	289	146	554	498	51,785
914: Pension and Benefits	165,287	2,274	1,014	859	1,662	1,051	1,392	1,079	803	884	445	1,695	1,522	179,968
915: Injuries and Damages	46,173	982	438	371	718	454	601	466	347	382	192	732	657	52,516
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	109,530	4,265	1,901	1,612	3,118	1,970	2,611	2,024	1,507	1,659	835	3,180	2,854	137,065
922: Minor Material Load	80,132	-	-	-	-	-	-	-	-	-	-	-	-	80,132
925: E&S Loads	593,711	9,851	4,392	3,723	7,202	4,551	6,030	4,674	3,480	3,831	1,929	7,344	6,592	657,310
926: A&G Loads	240,935	2,932	1,307	1,108	2,143	1,354	1,794	1,391	1,036	1,140	574	2,186	1,962	259,862
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,673,311)	(19,728)	(19,085)	(18,115)	(19,624)	(19,106)	(19,660)	(19,216)	(18,062)	(17,348)	(15,503)	(17,576)	(18,778)	(1,895,113)
825: Closing Cost of Removal	(95,703)	(4,602)	(4,170)	(3,756)	(3,730)	(3,470)	(3,390)	(3,202)	(2,940)	(2,756)	(2,434)	(2,659)	(2,776)	(135,586)
Project Net	93,979	16,855	(4,894)	(6,305)	6,756	(3,548)	2,160	(2,876)	(6,451)	(4,088)	(9,872)	10,469	6,007	98,191

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	686,546	10,113	4,508	3,822	7,394	4,672	6,190	4,798	3,573	3,933	1,980	7,539	6,768	751,838
120: Overtime-General	8,330	8	3	3	6	4	5	4	3	3	2	6	5	8,380
350: Material Issues-Major	1,376,384	15,271	6,808	5,772	11,165	7,055	9,348	7,246	5,396	5,939	2,991	11,385	10,220	1,474,978
370: Outside Services	2,507,073	56,980	25,402	21,536	41,658	26,324	34,878	27,036	20,132	22,159	11,158	42,480	38,132	2,874,950
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	19,741	-	-	-	-	-	-	-	-	-	-	-	-	19,741
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	360,129	612	273	231	447	283	374	290	216	238	120	456	409	364,077
805: Land and Land Rights	7,630	-	-	-	-	-	-	-	-	-	-	-	-	7,630
807: Non Refundable Contrib	(4,255,580)	(62,444)	(27,839)	(23,602)	(45,653)	(28,849)	(38,223)	(29,629)	(22,063)	(24,285)	(12,228)	(46,555)	(41,790)	(4,658,739)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	51,785	762	340	288	557	352	466	362	269	296	149	568	510	56,705
914: Pension and Benefits	179,968	2,331	1,039	881	1,704	1,077	1,427	1,106	824	906	456	1,738	1,560	195,016
915: Injuries and Damages	52,516	1,007	449	381	736	465	616	478	356	392	197	751	674	59,017
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	137,065	4,329	1,930	1,636	3,165	2,000	2,650	2,054	1,529	1,683	848	3,227	2,897	165,012
922: Minor Material Load	80,132	-	-	-	-	-	-	-	-	-	-	-	-	80,132
925: E&S Loads	657,310	10,014	4,465	3,785	7,322	4,627	6,130	4,752	3,538	3,895	1,961	7,466	6,702	721,967
926: A&G Loads	259,862	3,610	1,609	1,364	2,639	1,668	2,210	1,713	1,275	1,404	707	2,691	2,416	283,167
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,895,113)	(22,145)	(21,166)	(19,906)	(21,255)	(20,546)	(20,977)	(20,403)	(19,114)	(18,297)	(16,325)	(18,416)	(19,616)	(2,133,279)
825: Closing Cost of Removal	(135,586)	(3,196)	(3,031)	(2,833)	(2,996)	(2,882)	(2,926)	(2,836)	(2,650)	(2,531)	(2,256)	(2,536)	(2,695)	(168,954)
Project Net	98,191	17,250	(5,209)	(6,642)	6,887	(3,751)	2,167	(3,030)	(6,716)	(4,264)	(10,240)	10,802	6,192	101,638

Project No: 50000207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 500 Belen Division

Project Information

County % Valencia 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description

This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgear, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification

This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new non-residential customers or existing customers requiring upgrades.

Project Alternatives

Because this project is necessary for PNM to serve new and existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach

Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit

The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	50000207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	742,852	2,509	2,509	2,259	2,705	1,685	1,672	756,190
120: Overtime-General	16,992	-	-	-	-	-	-	16,992
350: Material Issues-Major	1,454,322	4,090	4,090	3,683	4,410	2,747	2,727	1,476,069
370: Outside Services	1,643,046	8,924	8,924	8,036	9,622	5,994	5,949	1,690,495
374: Outside Services Legal	4,742	-	-	-	-	-	-	4,742
377: Outside Svcs-Temp Labor	38,336	-	-	-	-	-	-	38,336
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	168,117	-	-	-	-	-	-	168,117
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,018,809)	(6,525)	(6,525)	(5,877)	(7,036)	(4,383)	(4,350)	(3,053,506)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	55,943	190	190	171	205	128	127	56,953
914: Pension and Benefits	202,434	540	540	486	582	363	360	205,304
915: Injuries and Damages	55,981	215	215	193	232	144	143	57,122
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	193,321	1,097	1,097	988	1,183	737	731	199,152
922: Minor Material Load	150,148	-	-	-	-	-	-	150,148
925: E&S Loads	645,068	2,058	2,058	1,854	2,219	1,383	1,372	656,012
926: A&G Loads	260,345	615	615	554	663	413	410	263,614
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,125,815)	(89,528)	(72,486)	(58,930)	(48,827)	(39,868)	(32,867)	(2,468,320)
825: Closing Cost of Removal	(79,944)	(3,046)	(2,738)	(2,461)	(2,310)	(2,045)	(1,837)	(94,381)
Project Net	407,079	(78,863)	(61,513)	(49,044)	(36,353)	(32,704)	(25,563)	123,039

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	756,190	2,571	1,914	2,628	2,571	2,743	2,470	2,571	2,571	2,316	2,773	1,727	1,714	784,759
120: Overtime-General	16,992	-	-	-	-	-	-	-	-	-	-	-	-	16,992
350: Material Issues-Major	1,476,069	4,151	3,090	4,243	4,151	4,428	3,988	4,151	4,151	3,738	4,476	2,788	2,768	1,522,194
370: Outside Services	1,690,495	9,058	6,743	9,258	9,058	9,662	8,700	9,058	9,058	8,157	9,767	6,084	6,038	1,791,134
374: Outside Services Legal	4,742	-	-	-	-	-	-	-	-	-	-	-	-	4,742
377: Outside Svcs-Temp Labor	38,336	-	-	-	-	-	-	-	-	-	-	-	-	38,336
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	168,117	-	-	-	-	-	-	-	-	-	-	-	-	168,117
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,053,506)	(6,623)	(4,931)	(6,770)	(6,623)	(7,065)	(6,362)	(6,623)	(6,623)	(5,965)	(7,142)	(4,449)	(4,416)	(3,127,098)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	56,953	194	144	198	194	207	186	194	194	174	209	130	129	59,104
914: Pension and Benefits	205,304	592	441	605	592	632	569	592	592	533	639	398	395	211,884
915: Injuries and Damages	57,122	256	190	262	256	273	246	256	256	230	276	172	171	59,965
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	199,152	1,177	876	1,203	1,177	1,255	1,130	1,177	1,177	1,060	1,269	790	784	212,227
922: Minor Material Load	150,148	-	-	-	-	-	-	-	-	-	-	-	-	150,148
925: E&S Loads	656,012	1,934	1,440	1,977	1,934	2,064	1,858	1,934	1,934	1,742	2,086	1,299	1,290	677,507
926: A&G Loads	263,614	567	422	579	567	604	544	567	567	510	611	381	378	269,908
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,468,320)	(28,322)	(24,091)	(21,537)	(19,485)	(18,064)	(16,671)	(15,689)	(14,924)	(14,060)	(13,864)	(12,618)	(11,633)	(2,679,280)
825: Closing Cost of Removal	(94,381)	(1,799)	(1,676)	(1,682)	(1,678)	(1,700)	(1,678)	(1,675)	(1,673)	(1,635)	(1,670)	(1,549)	(1,452)	(114,245)
Project Net	123,039	(16,245)	(15,437)	(9,035)	(7,287)	(4,962)	(5,019)	(3,488)	(2,721)	(3,199)	(571)	(4,847)	(3,834)	46,392

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	784,759	2,636	1,962	2,694	2,636	2,811	2,532	2,636	2,636	2,373	2,842	1,770	1,757	814,043
120: Overtime-General	16,992	-	-	-	-	-	-	-	-	-	-	-	-	16,992
350: Material Issues-Major	1,522,194	4,214	3,137	4,307	4,214	4,495	4,047	4,214	4,214	3,794	4,543	2,830	2,809	1,569,011
370: Outside Services	1,791,134	9,193	6,844	9,397	9,193	9,807	8,831	9,193	9,193	8,279	9,913	6,175	6,129	1,893,283
374: Outside Services Legal	4,742	-	-	-	-	-	-	-	-	-	-	-	-	4,742
377: Outside Svcs-Temp Labor	38,336	-	-	-	-	-	-	-	-	-	-	-	-	38,336
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	168,117	-	-	-	-	-	-	-	-	-	-	-	-	168,117
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,127,098)	(6,723)	(5,005)	(6,872)	(6,723)	(7,171)	(6,458)	(6,723)	(6,723)	(6,054)	(7,249)	(4,515)	(4,482)	(3,201,795)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,104	198	148	203	198	212	191	198	198	179	214	133	132	61,309
914: Pension and Benefits	211,884	607	452	620	607	647	583	607	607	547	654	408	405	218,628
915: Injuries and Damages	59,965	262	195	268	262	280	252	262	262	236	283	176	175	62,879
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	212,227	1,194	889	1,221	1,194	1,274	1,147	1,194	1,194	1,076	1,288	802	796	225,497
922: Minor Material Load	150,148	-	-	-	-	-	-	-	-	-	-	-	-	150,148
925: E&S Loads	677,507	1,968	1,465	2,011	1,968	2,099	1,890	1,968	1,968	1,772	2,122	1,322	1,312	699,369
926: A&G Loads	269,908	698	520	713	698	744	670	698	698	628	752	469	465	277,662
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,679,280)	(11,832)	(11,282)	(11,620)	(11,822)	(12,163)	(12,137)	(12,225)	(12,294)	(12,073)	(12,391)	(11,518)	(10,823)	(2,821,459)
825: Closing Cost of Removal	(114,245)	(1,509)	(1,457)	(1,521)	(1,562)	(1,620)	(1,625)	(1,643)	(1,658)	(1,632)	(1,679)	(1,562)	(1,469)	(133,181)
Project Net	46,392	907	(2,133)	1,423	863	1,415	(76)	379	295	(875)	1,293	(3,510)	(2,794)	43,580

Project No: 50000507 Lighting
Company: 001 Electric Services
Location: 500 Belen Division

Project Information

County % Valencia 100%

Estimated Start Date 1/1/2007
Estimated Completion Date 12/31/2027

Description
 This project includes costs for the installation, relocation, removal or replacement of PNM owned streetlighting and floodlighting and the removal or replacement of private area lighting. This work includes poles, light fixtures, wiring, and ancillary lighting equipment. The poles may either be wood or aluminum ranging in size from 30 to 45 feet. Fixtures include high pressure sodium lights ranging from 70 to 400 watts per fixture and LED lights ranging from 25 to 300 watts. For PNM owned streetlights, this will include the installation of 150 feet of service wire and the luminaire. All street lighting and floodlighting systems installed will adhere to PNM equipment standards provided in Rate Schedule 20, allowing for efficient and effective maintenance in the future.

Project Need Justification
 This project provides the funds necessary to meet PNM’s contractual obligations with municipal corporations and subdivisions within the state of New Mexico and service requirements allowed under the rate schedules. This project will allow PNM to install streetlighting and floodlighting systems in accordance with PNM Rate Schedule 20 - Integrated System Streetlighting and Floodlighting Service, Rate Schedule 6 – Private Area Lighting Service and new installations.

Project Alternatives
 Because of these contractual obligations and requirements under the rate schedules, there are no other alternatives for this project. Under Rate Schedule 20, customers have the option to own streetlights and pay PNM or a contractor for their installation, or request PNM install and own the lights. Customers may request installation of LED lights, high pressure sodium lights, or LED operational substitutes for converting existing mercury vapor, high pressure sodium, or low pressure sodium lights. Under Rate Schedule 6 and the terms of the Agreement for Lighting Service thereunder, private lights are removed at the customer’s request and at PNM’s costs. PNM must honor installation requests under PNM Rate 20.

Project Estimate Approach
 Historical spend in this funding project was analyzed to develop this project’s estimated future spend. This blanket’s project spend forecast is prepared by escalating the most recent 12-month actual spend by labor and non-labor escalation rates.

Customer Benefit
 The customer benefit from this project is electric service for their streetlighting and floodlighting needs.

Primary Value Driver Compliance
Safety This project includes the installation of new and replacement of damaged streetlighting facilities thus supporting and restoring the public safety benefits of streetlighting and floodlighting.

Reliability

System Performance

Security

Compliance This project is implemented in accordance with PNM Rate Schedule 20 - Integrated System Street Lighting and Floodlighting Service, and PNM Rate Schedule 6 - Private Area Lighting Service and new installations.

Environmental

Project No:	50000507 Lighting							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	55,732	85	44	51	66	82	48	56,107
120: Overtime-General	13,287	(216)	(112)	(129)	(167)	(209)	(122)	12,332
350: Material Issues-Major	25,595	92	48	55	71	89	52	26,001
370: Outside Services	104,536	1,282	664	768	991	1,243	723	110,207
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	605	-	-	-	-	-	-	605
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	20,714	-	-	-	-	-	-	20,714
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(22,445)	(246)	(127)	(147)	(190)	(238)	(138)	(23,531)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,058	(10)	(5)	(6)	(8)	(10)	(6)	5,014
914: Pension and Benefits	18,226	(28)	(15)	(17)	(22)	(27)	(16)	18,101
915: Injuries and Damages	4,976	(11)	(6)	(7)	(9)	(11)	(6)	4,926
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	4,339	25	13	15	19	24	14	4,447
922: Minor Material Load	2,920	-	-	-	-	-	-	2,920
925: E&S Loads	34,977	149	77	89	115	145	84	35,637
926: A&G Loads	13,373	49	25	29	38	48	28	13,591
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(139,234)	(278)	(347)	(420)	(522)	(651)	(632)	(142,084)
825: Closing Cost of Removal	(139,829)	(802)	(605)	(464)	(368)	(306)	(245)	(142,619)
Project Net	2,830	91	(346)	(183)	15	179	(216)	2,369

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	56,107	67	100	67	102	42	77	87	45	52	67	84	49	56,947
120: Overtime-General	12,332	(171)	(256)	(171)	(259)	(106)	(197)	(221)	(115)	(133)	(171)	(215)	(125)	10,192
350: Material Issues-Major	26,001	72	108	72	109	45	83	93	48	56	72	90	52	26,901
370: Outside Services	110,207	1,006	1,504	1,006	1,524	624	1,156	1,302	674	780	1,006	1,262	733	122,785
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	605	-	-	-	-	-	-	-	-	-	-	-	-	605
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	20,714	-	-	-	-	-	-	-	-	-	-	-	-	20,714
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(23,531)	(193)	(288)	(193)	(292)	(120)	(221)	(249)	(129)	(149)	(193)	(242)	(140)	(25,940)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,014	(8)	(12)	(8)	(12)	(5)	(9)	(10)	(5)	(6)	(8)	(10)	(6)	4,916
914: Pension and Benefits	18,101	(24)	(36)	(24)	(36)	(15)	(28)	(31)	(16)	(19)	(24)	(30)	(17)	17,802
915: Injuries and Damages	4,926	(10)	(15)	(10)	(16)	(6)	(12)	(13)	(7)	(8)	(10)	(13)	(8)	4,797
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,447	20	31	20	31	13	23	26	14	16	20	26	15	4,703
922: Minor Material Load	2,920	-	-	-	-	-	-	-	-	-	-	-	-	2,920
925: E&S Loads	35,637	107	160	107	162	67	123	139	72	83	107	134	78	36,977
926: A&G Loads	13,591	35	52	35	53	22	40	45	23	27	35	44	25	14,028
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(142,084)	(675)	(814)	(808)	(915)	(801)	(831)	(884)	(789)	(742)	(756)	(820)	(755)	(151,673)
825: Closing Cost of Removal	(142,619)	(208)	(195)	(172)	(170)	(142)	(137)	(138)	(120)	(110)	(110)	(117)	(107)	(144,345)
Project Net	2,369	19	340	(78)	282	(383)	69	145	(305)	(153)	36	194	(204)	2,330

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	56,947	69	103	69	104	43	79	89	46	53	69	86	50	57,808
120: Overtime-General	10,192	(175)	(262)	(175)	(266)	(109)	(202)	(227)	(118)	(136)	(175)	(220)	(128)	7,998
350: Material Issues-Major	26,901	73	109	73	111	45	84	95	49	57	73	92	53	27,815
370: Outside Services	122,785	1,021	1,527	1,021	1,547	634	1,174	1,321	684	791	1,021	1,281	744	135,552
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	605	-	-	-	-	-	-	-	-	-	-	-	-	605
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	20,714	-	-	-	-	-	-	-	-	-	-	-	-	20,714
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(25,940)	(196)	(292)	(196)	(296)	(121)	(225)	(253)	(131)	(152)	(196)	(245)	(143)	(28,384)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,916	(8)	(12)	(8)	(12)	(5)	(9)	(10)	(5)	(6)	(8)	(10)	(6)	4,816
914: Pension and Benefits	17,802	(25)	(37)	(25)	(37)	(15)	(28)	(32)	(16)	(19)	(25)	(31)	(18)	17,495
915: Injuries and Damages	4,797	(11)	(16)	(11)	(16)	(7)	(12)	(14)	(7)	(8)	(11)	(13)	(8)	4,664
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,703	21	31	21	31	13	24	27	14	16	21	26	15	4,962
922: Minor Material Load	2,920	-	-	-	-	-	-	-	-	-	-	-	-	2,920
925: E&S Loads	36,977	109	162	109	165	67	125	141	73	84	109	136	79	38,335
926: A&G Loads	14,028	43	64	43	65	27	49	56	29	33	43	54	31	14,565
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(151,673)	(770)	(890)	(868)	(965)	(841)	(865)	(915)	(815)	(764)	(777)	(842)	(774)	(161,758)
825: Closing Cost of Removal	(144,345)	(108)	(123)	(120)	(133)	(115)	(119)	(125)	(111)	(104)	(106)	(115)	(106)	(145,730)
Project Net	2,330	43	365	(67)	297	(384)	75	152	(309)	(155)	38	199	(208)	2,378

Project No: 50000607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 500 Belen Division

Project Information

County % Valencia 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including, but not limited to, insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification
This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives
This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach
Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through outage restoration and increased reliability by maintaining the distribution system integrity through the replacement of damaged equipment and equipment taken out of service by storms, other events or deteriorated equipment through normal aging.

Primary Value Driver Compliance

Safety

Reliability Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	50000607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,131,432	4,370	3,541	3,347	3,833	3,867	1,932	1,152,323
120: Overtime-General	857,931	7,060	5,721	5,408	6,193	6,247	3,122	891,682
350: Material Issues-Major	1,214,540	17,017	13,789	13,033	14,925	15,057	7,524	1,295,886
370: Outside Services	2,012,183	31,788	41,152	24,346	27,881	28,127	14,054	2,179,531
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	39,545	500	406	383	439	443	221	41,937
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	810,202	308	250	236	271	273	136	811,676
805: Land and Land Rights	38,972	-	-	-	-	-	-	38,972
807: Non Refundable Contrib	(1,324,556)	(3,640)	(2,950)	(2,788)	(3,193)	(3,221)	(1,610)	(1,341,959)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	148,359	865	701	663	759	766	383	152,495
914: Pension and Benefits	527,276	2,460	1,993	1,884	2,158	2,177	1,088	539,035
915: Injuries and Damages	147,986	978	793	749	858	866	433	152,663
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	133,134	4,563	3,697	3,495	4,002	4,038	2,018	154,947
922: Minor Material Load	120,210	-	-	-	-	-	-	120,210
925: E&S Loads	911,846	8,168	8,543	6,256	7,165	7,228	3,612	952,818
926: A&G Loads	347,264	2,417	2,568	1,851	2,120	2,139	1,069	359,430
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(6,279,502)	(18,019)	(24,326)	(27,623)	(31,427)	(34,837)	(148,395)	(6,564,129)
825: Closing Cost of Removal	(604,549)	(19,077)	(17,943)	(16,637)	(15,611)	(14,717)	(58,242)	(746,777)
Project Net	232,274	39,761	37,936	14,605	20,372	18,451	(172,656)	190,742

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,152,323	9,632	3,767	3,864	4,495	2,756	4,442	4,480	3,630	3,431	3,929	3,964	1,981	1,202,692
120: Overtime-General	891,682	15,562	6,085	6,243	7,262	4,452	7,176	7,237	5,864	5,543	6,348	6,404	3,200	973,056
350: Material Issues-Major	1,295,886	37,141	14,523	14,899	17,331	10,625	17,126	17,272	13,996	13,229	15,149	15,283	7,637	1,490,097
370: Outside Services	2,179,531	69,379	27,129	27,832	32,375	19,847	31,992	32,264	26,144	24,712	28,299	28,549	14,265	2,542,316
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	41,937	1,092	427	438	510	312	504	508	412	389	446	449	225	47,649
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	811,676	673	263	270	314	193	310	313	254	240	275	277	138	815,196
805: Land and Land Rights	38,972	-	-	-	-	-	-	-	-	-	-	-	-	38,972
807: Non Refundable Contrib	(1,341,959)	(7,946)	(3,107)	(3,187)	(3,708)	(2,273)	(3,664)	(3,695)	(2,994)	(2,830)	(3,241)	(3,270)	(1,634)	(1,383,507)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	152,495	1,897	742	761	885	543	875	882	715	676	774	781	390	162,416
914: Pension and Benefits	539,035	5,802	2,269	2,328	2,708	1,660	2,675	2,698	2,186	2,067	2,367	2,388	1,193	569,375
915: Injuries and Damages	152,663	2,507	980	1,006	1,170	717	1,156	1,166	945	893	1,023	1,032	515	165,772
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	154,947	10,528	4,117	4,223	4,913	3,012	4,855	4,896	3,967	3,750	4,294	4,332	2,165	209,998
922: Minor Material Load	120,210	-	-	-	-	-	-	-	-	-	-	-	-	120,210
925: E&S Loads	952,818	16,524	6,461	6,629	7,711	4,727	7,619	7,684	6,227	5,886	6,740	6,799	3,398	1,039,221
926: A&G Loads	359,430	4,792	1,874	1,922	2,236	1,371	2,210	2,228	1,806	1,707	1,955	1,972	985	384,487
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,564,129)	(34,134)	(36,958)	(39,622)	(43,126)	(43,013)	(46,012)	(48,720)	(49,542)	(49,901)	(51,131)	(52,277)	(215,118)	(7,273,684)
825: Closing Cost of Removal	(746,777)	(8,865)	(8,745)	(8,663)	(8,750)	(8,390)	(8,496)	(8,599)	(8,476)	(8,319)	(8,305)	(8,301)	(33,805)	(874,490)
Project Net	190,742	124,584	19,827	18,941	26,326	(3,463)	22,767	20,615	5,131	1,471	8,920	8,380	(214,466)	229,776

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,202,692	9,873	3,861	3,961	4,607	2,824	4,553	4,592	3,721	3,517	4,027	4,063	2,030	1,254,320
120: Overtime-General	973,056	15,951	6,237	6,399	7,443	4,563	7,355	7,418	6,011	5,681	6,506	6,564	3,280	1,056,463
350: Material Issues-Major	1,490,097	37,698	14,741	15,123	17,591	10,784	17,383	17,531	14,206	13,427	15,377	15,512	7,751	1,687,221
370: Outside Services	2,542,316	70,419	27,536	28,249	32,860	20,145	32,471	32,748	26,536	25,082	28,723	28,977	14,479	2,910,543
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	47,649	1,109	434	445	517	317	511	516	418	395	452	456	228	53,446
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	815,196	683	267	274	319	195	315	318	257	243	279	281	140	818,769
805: Land and Land Rights	38,972	-	-	-	-	-	-	-	-	-	-	-	-	38,972
807: Non Refundable Contrib	(1,383,507)	(8,065)	(3,154)	(3,235)	(3,763)	(2,307)	(3,719)	(3,751)	(3,039)	(2,873)	(3,290)	(3,319)	(1,658)	(1,425,678)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	162,416	1,945	760	780	907	556	897	904	733	693	793	800	400	172,584
914: Pension and Benefits	569,375	5,947	2,326	2,386	2,775	1,701	2,742	2,766	2,241	2,118	2,426	2,447	1,223	600,474
915: Injuries and Damages	165,772	2,569	1,005	1,031	1,199	735	1,185	1,195	968	915	1,048	1,057	528	179,208
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	209,998	10,686	4,178	4,287	4,986	3,057	4,927	4,969	4,027	3,806	4,359	4,397	2,197	265,875
922: Minor Material Load	120,210	-	-	-	-	-	-	-	-	-	-	-	-	120,210
925: E&S Loads	1,039,221	16,812	6,574	6,744	7,845	4,810	7,752	7,819	6,335	5,988	6,858	6,918	3,457	1,127,134
926: A&G Loads	384,487	5,904	2,309	2,369	2,755	1,689	2,723	2,746	2,225	2,103	2,408	2,430	1,214	415,361
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,273,684)	(41,942)	(43,992)	(45,980)	(48,915)	(48,227)	(50,792)	(53,121)	(53,572)	(53,595)	(54,552)	(55,460)	(227,625)	(8,051,456)
825: Closing Cost of Removal	(874,490)	(6,215)	(6,435)	(6,653)	(7,008)	(6,873)	(7,188)	(7,474)	(7,508)	(7,487)	(7,596)	(7,701)	(31,566)	(984,191)
Project Net	229,776	123,375	16,647	16,178	24,121	(6,030)	21,117	19,176	3,558	15	7,819	7,424	(223,922)	239,253

Project No: 50000707 Distr. System Improvements

Company: 001 Electric Services
Location: 500 Belen Division

Project Information

County % Valencia 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisitions (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, such as through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or distribution system configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. This project also improves system reliability by adding equipment and components, which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	50000707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	583,965	10	11	9	12	11	8	584,026
120: Overtime-General	254,265	-	-	-	-	-	-	254,265
350: Material Issues-Major	974,928	(896)	(905)	(795)	(1,004)	(946)	(669)	969,714
370: Outside Services	1,803,960	6,423	6,485	5,698	7,201	6,782	4,795	1,841,346
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,919	-	-	-	-	-	-	1,919
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	201,353	-	-	-	-	-	-	201,353
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(152,525)	(558)	(563)	(495)	(626)	(589)	(417)	(155,773)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,272	1	1	1	1	1	1	59,276
914: Pension and Benefits	217,713	2	2	2	3	2	2	217,727
915: Injuries and Damages	58,921	1	1	1	1	1	1	58,926
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	96,978	(240)	(243)	(213)	(269)	(254)	(179)	95,580
922: Minor Material Load	72,815	-	-	-	-	-	-	72,815
925: E&S Loads	571,141	693	699	615	777	731	517	575,173
926: A&G Loads	263,383	219	221	195	246	232	164	264,660
928: AFUDC Debt	37,951	316	286	259	236	216	197	39,460
929: AFUDC Equity	50,033	758	686	622	566	518	472	53,654
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,667,684)	(27,351)	(24,788)	(22,449)	(20,521)	(18,777)	(17,050)	(4,798,621)
825: Closing Cost of Removal	(173,642)	(4,026)	(3,625)	(3,262)	(2,962)	(2,693)	(2,430)	(192,641)
Project Net	254,745	(24,647)	(21,731)	(19,814)	(16,342)	(14,765)	(14,590)	142,856

Project No:	50000707 Distr. System Improvements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	584,026	30	7	8	10	12	10	11	11	10	12	11	8	584,165
120: Overtime-General	254,265	-	-	-	-	-	-	-	-	-	-	-	-	254,265
350: Material Issues-Major	969,714	(2,539)	(623)	(648)	(880)	(981)	(858)	(909)	(918)	(807)	(1,019)	(960)	(679)	957,894
370: Outside Services	1,841,346	18,201	4,464	4,644	6,306	7,034	6,148	6,520	6,583	5,784	7,309	6,884	4,867	1,926,088
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,919	-	-	-	-	-	-	-	-	-	-	-	-	1,919
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	201,353	-	-	-	-	-	-	-	-	-	-	-	-	201,353
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(155,773)	(1,581)	(388)	(403)	(548)	(611)	(534)	(566)	(572)	(502)	(635)	(598)	(423)	(163,136)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,276	2	1	1	1	1	1	1	1	1	1	1	1	59,287
914: Pension and Benefits	217,727	7	2	2	2	3	2	2	2	2	3	3	2	217,759
915: Injuries and Damages	58,926	3	1	1	1	1	1	1	1	1	1	1	1	58,940
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	95,580	(720)	(176)	(184)	(249)	(278)	(243)	(258)	(260)	(229)	(289)	(272)	(192)	92,229
922: Minor Material Load	72,815	-	-	-	-	-	-	-	-	-	-	-	-	72,815
925: E&S Loads	575,173	1,806	443	461	626	698	610	647	653	574	725	683	483	583,581
926: A&G Loads	264,660	563	138	144	195	218	190	202	204	179	226	213	151	267,283
928: AFUDC Debt	39,460	280	264	241	221	206	192	179	169	158	144	136	136	41,799
929: AFUDC Equity	53,654	357	337	307	282	262	245	229	215	202	192	183	173	56,638
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,798,621)	(16,746)	(15,217)	(13,882)	(12,853)	(12,011)	(11,185)	(10,488)	(9,878)	(9,265)	(8,863)	(8,469)	(7,935)	(4,935,413)
825: Closing Cost of Removal	(192,641)	(2,366)	(2,138)	(1,939)	(1,785)	(1,659)	(1,536)	(1,433)	(1,343)	(1,254)	(1,195)	(1,138)	(1,062)	(211,490)
Project Net	142,856	(2,702)	(12,886)	(11,249)	(8,671)	(7,106)	(6,956)	(5,863)	(5,133)	(5,147)	(3,383)	(3,314)	(4,470)	65,977

Project No:	50000707 Distr. System Improvements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	584,165	31	8	8	11	12	10	11	11	10	12	12	8	584,308
120: Overtime-General	254,265	-	-	-	-	-	-	-	-	-	-	-	-	254,265
350: Material Issues-Major	957,894	(2,577)	(632)	(657)	(893)	(996)	(870)	(923)	(932)	(819)	(1,035)	(975)	(689)	945,896
370: Outside Services	1,926,088	18,474	4,530	4,714	6,400	7,139	6,240	6,617	6,681	5,871	7,419	6,987	4,940	2,012,103
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	1,919	-	-	-	-	-	-	-	-	-	-	-	-	1,919
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	201,353	-	-	-	-	-	-	-	-	-	-	-	-	201,353
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(163,136)	(1,605)	(394)	(410)	(556)	(620)	(542)	(575)	(580)	(510)	(645)	(607)	(429)	(170,608)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	59,287	2	1	1	1	1	1	1	1	1	1	1	1	59,298
914: Pension and Benefits	217,759	7	2	2	2	3	2	3	3	2	3	3	2	217,792
915: Injuries and Damages	58,940	3	1	1	1	1	1	1	1	1	1	1	1	58,954
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	92,229	(730)	(179)	(186)	(253)	(282)	(247)	(262)	(264)	(232)	(293)	(276)	(195)	88,828
922: Minor Material Load	72,815	-	-	-	-	-	-	-	-	-	-	-	-	72,815
925: E&S Loads	583,581	1,833	450	468	635	708	619	657	663	583	736	693	490	592,116
926: A&G Loads	267,283	693	170	177	240	268	234	248	251	220	278	262	185	270,508
928: AFUDC Debt	41,799	117	118	110	105	102	98	95	93	90	89	88	85	42,990
929: AFUDC Equity	56,638	203	205	191	182	176	171	165	161	157	154	152	148	58,702
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(4,935,413)	(8,725)	(8,134)	(7,629)	(7,338)	(7,149)	(6,899)	(6,712)	(6,554)	(6,338)	(6,291)	(6,209)	(5,947)	(5,019,337)
825: Closing Cost of Removal	(211,490)	(1,167)	(1,084)	(1,013)	(972)	(945)	(910)	(884)	(862)	(832)	(826)	(815)	(779)	(222,577)
Project Net	65,977	6,560	(4,939)	(4,224)	(2,435)	(1,583)	(2,091)	(1,558)	(1,327)	(1,797)	(397)	(682)	(2,180)	49,325

Project No: 50001207 Pole Replacements

Company: 001 Electric Services
Location: 500 Belen Division

Project Information

County % Valencia 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project covers the costs for repair or replacement of decaying or rotting wood power poles. Pole replacement candidates are identified through routine line patrol inspections as well as during construction or expansion of the distribution system. Other equipment on each pole (e.g., cross-arms and insulators) typically are replaced at the time the pole is replaced.

Project Need Justification
The New Mexico Public Regulation Commission (NMPRC) mandates that PNM keep its electric infrastructure in good repair and safe for customers and personnel. Compromised integrity of wooden pole structures can affect service reliability as well as public safety and the safety of PNM personnel. PNM regularly performs ground line tests on its distribution wood pole infrastructure to ensure the integrity of PNM's distribution system. Wood poles that fail inspection or tests are repaired or replaced. This project covers the labor and material costs associated with the inspection, testing, repair and potential replacement of poles that fail inspection.

Project Alternatives
The alternatives to pole replacement include structurally reinforcing the pole, fumigating the pole and area, or applying an internal void treatment. Routine inspections and testing gauges the relative condition of each pole and identifies the appropriate alternative for either repairing or replacing defective poles.

Project Estimate Approach
The budget for this blanket is estimated by applying escalation factors to historical spend. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend. Poles that support four or more wires are more costly to work than are poles supporting fewer wires. Similarly, angle or corner poles are more expensive to replace than are in-line tangent poles. Location and access to the poles, such as backyard vs. roadside, also affects costs.

Customer Benefit
This project helps maintain the integrity of PNM's overhead distribution system contributing to overall system reliability while also ensuring public safety and PNM personnel safety.

Primary Value Driver Safety

Safety This project helps maintain the integrity of PNM's overhead distribution system ensuring public safety and PNM personnel safety.

Reliability This project helps maintain the integrity of PNM's overhead distribution system which reducing possible outages contributing to overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	50001207 Pole Replacements							EndBal-22
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
110: Straight Time-General	57,418	54	67	54	78	108	74	57,852
120: Overtime-General	3,708	29	35	29	41	57	40	3,939
350: Material Issues-Major	93,528	903	1,109	896	1,297	1,789	1,239	100,762
370: Outside Services	285,716	5,370	5,370	5,370	5,370	5,370	5,370	317,938
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,420	30	37	30	43	59	41	3,660
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	22,256	-	-	-	-	-	-	22,256
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,588	6	8	6	9	12	9	4,639
914: Pension and Benefits	16,305	18	22	18	26	35	25	16,448
915: Injuries and Damages	4,964	7	9	7	10	14	10	5,021
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	13,443	242	297	240	348	480	332	15,383
922: Minor Material Load	11,987	-	-	-	-	-	-	11,987
925: E&S Loads	66,321	802	832	801	859	931	851	71,398
926: A&G Loads	28,998	253	262	253	270	292	268	30,596
928: AFUDC Debt	2,642	5	14	23	31	40	48	2,803
929: AFUDC Equity	3,113	12	34	55	75	96	116	3,500
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(486,792)	(408)	(812)	(1,174)	(1,551)	(1,949)	(2,278)	(494,965)
825: Closing Cost of Removal	(131,617)	(56)	(110)	(159)	(210)	(263)	(307)	(132,721)
Project Net	-	7,268	7,174	6,448	6,698	7,071	5,838	40,496

Project No:	50001207 Pole Replacements												EndBal-23	
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23		Dec-23
110: Straight Time-General	57,852	67	67	67	43	28	31	56	68	55	80	110	76	58,601
120: Overtime-General	3,939	36	36	36	23	15	16	30	36	29	42	58	40	4,336
350: Material Issues-Major	100,762	1,110	1,110	1,110	705	454	505	917	1,126	910	1,317	1,816	1,258	113,098
370: Outside Services	317,938	5,290	5,290	5,290	5,290	5,290	5,290	5,290	5,290	5,290	5,290	5,290	5,290	381,424
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	3,660	37	37	37	23	15	17	30	37	30	44	60	42	4,069
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	22,256	-	-	-	-	-	-	-	-	-	-	-	-	22,256
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,639	8	8	8	5	3	4	6	8	6	9	13	9	4,725
914: Pension and Benefits	16,448	24	24	24	15	10	11	20	24	19	28	39	27	16,712
915: Injuries and Damages	5,021	10	10	10	7	4	5	8	10	8	12	17	12	5,135
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,383	315	315	315	200	129	143	260	319	258	373	515	357	18,880
922: Minor Material Load	11,987	-	-	-	-	-	-	-	-	-	-	-	-	11,987
925: E&S Loads	71,398	757	757	757	703	669	676	731	759	730	785	851	777	80,349
926: A&G Loads	30,596	235	235	235	218	208	210	227	235	227	243	263	241	33,374
928: AFUDC Debt	2,803	83	93	102	110	117	123	129	136	143	149	156	163	4,308
929: AFUDC Equity	3,500	106	119	130	141	149	157	165	174	182	190	199	208	5,419
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(494,965)	(2,569)	(2,844)	(3,104)	(3,315)	(3,492)	(3,664)	(3,862)	(4,067)	(4,242)	(4,442)	(4,673)	(4,844)	(540,084)
825: Closing Cost of Removal	(132,721)	(345)	(381)	(415)	(442)	(465)	(487)	(512)	(538)	(560)	(586)	(616)	(637)	(138,705)
Project Net	40,496	5,163	4,874	4,601	3,725	3,133	3,036	3,495	3,619	3,086	3,535	4,099	3,018	85,882

Project No:	50001207 Pole Replacements												EndBal-24	
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24		Dec-24
110: Straight Time-General	58,601	69	69	69	44	28	31	57	70	57	82	113	78	59,368
120: Overtime-General	4,336	37	37	37	23	15	17	30	37	30	43	60	42	4,743
350: Material Issues-Major	113,098	1,126	1,126	1,126	715	460	513	931	1,143	923	1,336	1,843	1,277	125,618
370: Outside Services	381,424	5,129	5,129	5,129	5,129	5,129	5,129	5,129	5,129	5,129	5,129	5,129	5,129	442,967
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	4,069	37	37	37	24	15	17	31	38	31	44	61	42	4,484
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	22,256	-	-	-	-	-	-	-	-	-	-	-	-	22,256
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,725	8	8	8	5	3	4	7	8	7	9	13	9	4,813
914: Pension and Benefits	16,712	24	24	24	15	10	11	20	25	20	29	40	28	16,983
915: Injuries and Damages	5,135	11	11	11	7	4	5	9	11	9	12	17	12	5,252
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	18,880	319	319	319	203	131	145	264	324	262	379	522	362	22,429
922: Minor Material Load	11,987	-	-	-	-	-	-	-	-	-	-	-	-	11,987
925: E&S Loads	80,349	741	741	741	686	651	658	714	743	713	769	837	761	89,104
926: A&G Loads	33,374	278	278	278	258	246	248	269	279	268	289	313	286	36,665
928: AFUDC Debt	4,308	143	147	150	153	156	157	159	162	165	168	172	175	6,215
929: AFUDC Equity	5,419	247	254	261	266	270	273	276	281	286	291	298	304	8,725
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(540,084)	(4,988)	(5,123)	(5,251)	(5,337)	(5,395)	(5,455)	(5,548)	(5,654)	(5,735)	(5,847)	(5,997)	(6,090)	(606,505)
825: Closing Cost of Removal	(138,705)	(655)	(672)	(688)	(698)	(704)	(710)	(722)	(734)	(744)	(758)	(777)	(788)	(147,354)
Project Net	85,882	2,526	2,385	2,251	1,494	1,018	1,042	1,626	1,861	1,420	1,975	2,643	1,625	107,749

Project No: 50002020 Los Morros 14 Feeder Tie

Company: 001 Electric Services
Location: 500 Belen Division

Project Information

County % Valencia 100%

Estimated Start Date 9/1/2020

Estimated Completion Date 5/31/2023

Description
This project will construct a new feeder tie to connect Los Morros Feeder 14 to Los Chavez Feeder 12. The project will extend the Los Morros Feeder 14 for approximately 2.5 miles from a pad mounted switch at the corner of Highway 6 and Jubilee Avenue, west along Highway 6 to pole B28C018 which is approximately 1 mile east of Dalies road.

Project Need Justification
The purpose of this project is to establish a new feeder tie which will provide additional feeder capacity for an outage of the Los Chavez Substation and for load growth in the Huning Ranch Development area. Currently, where there is an outage of the Los Chaves Substation, many customers are out of service and remain so until the problem has been resolved.

Project Alternatives
The only alternative is to do nothing. Doing nothing would mean that some customers would be out of service during an outage until the problem could be fixed. The new tie on Highway 6 will provide switching options between Los Chavez Feeder 12 and Los Morros Feeder 14 creating additional backup support options in the event of an outage of either of these feeders.

Project Estimate Approach
This project was estimated using historical PNM data on similar projects using internal engineering and external labor.

Customer Benefit
This project will ensure that PNM can maintain service to residential and commercial customers for an outage of Los Chavez substation. The project ensures voltages and equipment loading remain within PNM's operational limits.

Primary Value Driver Reliability

Safety

Reliability
The new feeder tie will provide switching options between Los Chavez Feeder 12 and Los Morros Feeder 14 creating additional backup support options in the area in the event of an outage of either of these feeders.

System Performance

Security

Compliance

Environmental

Project No:	50002020 Los Morros 14 Feeder Tie							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	5,000	5,000	3,000	3,000	16,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	15,000	50,000	50,000	50,000	165,000
370: Outside Services	-	-	-	15,000	5,000	5,000	5,000	30,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	379	379	227	227	1,211
914: Pension and Benefits	-	-	-	1,076	1,076	646	646	3,443
915: Injuries and Damages	-	-	-	428	428	257	257	1,370
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	4,022	13,408	13,408	13,408	44,245
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	4,610	7,735	7,391	7,391	27,128
926: A&G Loads	-	-	-	1,386	2,376	2,297	2,297	8,356
928: AFUDC Debt	-	-	-	29	111	216	319	676
929: AFUDC Equity	-	-	-	70	268	519	767	1,623
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	47,000	85,780	82,960	83,311	299,051

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	16,000	4,000	4,000	3,000	-	-	-	-	-	-	-	-	-	27,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	165,000	75,000	70,000	50,000	-	-	-	-	-	-	-	-	-	360,000
370: Outside Services	30,000	1,000	-	-	-	-	-	-	-	-	-	-	-	31,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,211	301	301	226	-	-	-	-	-	-	-	-	-	2,040
914: Pension and Benefits	3,443	921	921	691	-	-	-	-	-	-	-	-	-	5,977
915: Injuries and Damages	1,370	398	398	299	-	-	-	-	-	-	-	-	-	2,464
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	44,245	21,260	19,842	14,173	-	-	-	-	-	-	-	-	-	99,519
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	27,128	9,386	8,696	6,235	-	-	-	-	-	-	-	-	-	51,445
926: A&G Loads	8,356	2,872	2,657	1,903	-	-	-	-	-	-	-	-	-	15,787
928: AFUDC Debt	676	668	879	1,054	1,131	1,137	-	-	-	-	-	-	-	5,545
929: AFUDC Equity	1,623	852	1,121	1,345	1,443	1,450	-	-	-	-	-	-	-	7,833
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	(537,182)	-	-	-	-	-	-	-	(537,182)
825: Closing Cost of Removal	-	-	-	-	-	(71,428)	-	-	-	-	-	-	-	(71,428)
Project Net	299,051	116,658	108,815	78,925	2,574	(606,023)	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	27,000	-	-	-	-	-	-	-	-	-	-	-	-	27,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	360,000	-	-	-	-	-	-	-	-	-	-	-	-	360,000
370: Outside Services	31,000	-	-	-	-	-	-	-	-	-	-	-	-	31,000
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,040	-	-	-	-	-	-	-	-	-	-	-	-	2,040
914: Pension and Benefits	5,977	-	-	-	-	-	-	-	-	-	-	-	-	5,977
915: Injuries and Damages	2,464	-	-	-	-	-	-	-	-	-	-	-	-	2,464
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	99,519	-	-	-	-	-	-	-	-	-	-	-	-	99,519
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	51,445	-	-	-	-	-	-	-	-	-	-	-	-	51,445
926: A&G Loads	15,787	-	-	-	-	-	-	-	-	-	-	-	-	15,787
928: AFUDC Debt	5,545	-	-	-	-	-	-	-	-	-	-	-	-	5,545
929: AFUDC Equity	7,833	-	-	-	-	-	-	-	-	-	-	-	-	7,833
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(537,182)	-	-	-	-	-	-	-	-	-	-	-	-	(537,182)
825: Closing Cost of Removal	(71,428)	-	-	-	-	-	-	-	-	-	-	-	-	(71,428)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60001617 Avian Improvements

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 2/1/2017

Estimated Completion Date 12/31/2027

Description This project involves the purchase and installation of protective covers on equipment to prevent birds and other wildlife from coming in direct contact with energized infrastructure. Bird or other wildlife contact with energized infrastructure often causes electrical outages and can be fatal to the animal. This project will reduce the risk of outages caused by birds and other wildlife.

Project Need Justification Avian and other wildlife contact with electrical distribution infrastructure is a leading cause of outages annually across PNM's system. This project will help increase PNM's reliability by installing protective covering on equipment to reduce the risk of wildlife-caused outages, while simultaneously preventing injuries and/or fatalities to environmentally protected wildlife.

Project Alternatives Protective covers for energized equipment is often the most economical means of preventing electric contact of birds and other wildlife that leads to outages, especially in retrofit applications. Other alternatives include changing pole construction type or using longer spanning cross arms, however these are generally more expensive options and can also include the need to acquire additional right-of-way easements which can be expensive or impossible and may still require the need for equipment covers.

Project Estimate Approach Not required for projects with less than \$250,000 of expenditures.

Customer Benefit Bird guard installation increases reliability by reducing outages caused by electrical contact from birds and other wildlife.

Primary Value Driver Environmental

Safety

Reliability Installing bird guards increases reliability by reducing outages caused by electrical contact from birds and other wildlife.

System Performance

Security

Compliance

Environmental Installing bird guards reduces the hazard of electrical contact with birds and other wildlife, some of whom may be protected by federal or state environmental regulations.

Project No:

60001617 Avian Improvements

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	3,641	-	-	-	-	-	-	3,641
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	42	-	-	-	-	-	-	42
370: Outside Services	-	3,729	1,968	3,729	1,968	1,968	3,729	17,090
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,617	-	-	-	-	-	-	1,617
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	285	-	-	-	-	-	-	285
914: Pension and Benefits	1,028	-	-	-	-	-	-	1,028
915: Injuries and Damages	226	-	-	-	-	-	-	226
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2	-	-	-	-	-	-	2
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	757	466	246	466	246	246	466	2,893
926: A&G Loads	247	148	78	148	78	78	148	924
928: AFUDC Debt	-	3	7	11	15	18	22	76
929: AFUDC Equity	-	6	16	26	36	43	54	183
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(7,845)	-	-	-	-	-	(7,109)	(14,955)
825: Closing Cost of Removal	-	-	-	-	-	-	(955)	(955)
Project Net	(0)	4,352	2,315	4,380	2,343	2,353	(3,646)	12,097

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	3,641	-	-	-	-	-	-	-	-	-	-	-	-	3,641
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	42	-	-	-	-	-	-	-	-	-	-	-	-	42
370: Outside Services	17,090	-	1,970	-	1,970	-	1,970	3,733	1,970	3,733	1,970	1,970	3,733	40,111
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,617	-	-	-	-	-	-	-	-	-	-	-	-	1,617
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	285	-	-	-	-	-	-	-	-	-	-	-	-	285
914: Pension and Benefits	1,028	-	-	-	-	-	-	-	-	-	-	-	-	1,028
915: Injuries and Damages	226	-	-	-	-	-	-	-	-	-	-	-	-	226
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2	-	-	-	-	-	-	-	-	-	-	-	-	2
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,893	-	227	-	227	-	227	429	227	429	227	227	429	5,540
926: A&G Loads	924	-	71	-	71	-	71	134	71	134	71	71	134	1,751
928: AFUDC Debt	76	23	25	27	29	32	34	26	32	38	45	49	55	491
929: AFUDC Equity	183	29	32	35	38	40	43	33	41	49	57	63	71	712
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(14,955)	-	-	-	-	-	-	(6,815)	-	-	-	-	(11,244)	(33,013)
825: Closing Cost of Removal	(955)	-	-	-	-	-	-	(900)	-	-	-	-	(1,485)	(3,340)
Project Net	12,097	52	2,324	62	2,334	72	(5,370)	4,355	2,340	4,384	2,369	2,379	(8,306)	19,093

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	3,641	-	-	-	-	-	-	-	-	-	-	-	-	3,641
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	42	-	-	-	-	-	-	-	-	-	-	-	-	42
370: Outside Services	40,111	-	1,970	-	1,970	-	1,970	3,733	1,970	3,733	1,970	1,970	3,733	63,132
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,617	-	-	-	-	-	-	-	-	-	-	-	-	1,617
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	285	-	-	-	-	-	-	-	-	-	-	-	-	285
914: Pension and Benefits	1,028	-	-	-	-	-	-	-	-	-	-	-	-	1,028
915: Injuries and Damages	226	-	-	-	-	-	-	-	-	-	-	-	-	226
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2	-	-	-	-	-	-	-	-	-	-	-	-	2
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	5,540	-	227	-	227	-	227	429	227	429	227	227	429	8,188
926: A&G Loads	1,751	-	86	-	86	-	86	162	86	162	86	86	162	2,752
928: AFUDC Debt	491	30	32	34	36	38	40	29	34	39	45	49	54	952
929: AFUDC Equity	712	53	56	59	63	66	70	50	59	68	78	84	94	1,512
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(33,013)	-	-	-	-	-	-	(9,388)	-	-	-	-	(12,883)	(55,284)
825: Closing Cost of Removal	(3,340)	-	-	-	-	-	-	(1,220)	-	-	-	-	(1,683)	(6,243)
Project Net	19,093	83	2,371	94	2,381	104	(8,215)	4,403	2,376	4,433	2,405	2,416	(10,094)	21,850

Project No: 60001619 SCADAMATE Switches (PADMOUNTED)

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 50%
Sandoval 50%

Estimated Start Date 1/1/2019

Estimated Completion Date 12/30/2024

Description

This project takes another step towards further modernizing PNM's underground electrical distribution system and involves the replacement of manually operated switches with switches capable of being operated remotely by Distribution Operations Center (DOC) employees through a supervisory controlled and data acquisition (SCADA) system. The switches to be replaced will be chosen strategically to provide DOC operators the most flexibility in identifying the source of an outage and that best enable remote switching capabilities to quickly restore power during an outage. This shift to remote switches will reduce the amount of time it takes to restore power to customers during an outage.

Project Need Justification

Modernizing PNM's underground distribution system is necessary to help reduce outage durations. Outages on underground distribution systems typically are longer than outages on overhead distribution systems due to the additional time required to troubleshoot outage causes and locations. Traditional manual switches require dispatching crews to troubleshoot and then manually operate switches to restore power. Remotely operated switches can expedite power restoration without the need for a crew to be on-site to operate a switch.

Project Alternatives

The two alternatives to this project are do nothing or install fully automatic switches on PNM's underground distribution network. The do nothing option would continue the status quo, where outages on the underground systems take longer to identify and repair which negatively impacts service. Though it is possible to install fully automatic switches, the majority of PNM's underground distribution system is not conducive to the safe operation of automatic switches.

Project Estimate Approach

Project estimates are based on historical spend on remotely operated switches. The total project cost is developed by multiplying the cost of replacing a single switchgear and associated hardware by the expected number of switchgears to be replaced.

Customer Benefit

Installation of remotely operated switchgear will make it easier to identify outages on PNM's underground distribution system and will reduce the amount of time required to restore service. This reduced outage duration and restoration time directly benefits customers.

Primary Value Driver

Reliability

Safety

Reliability

Installation of remotely operated switches will accelerate identification of an outage location and cause, which will enable faster restoration of services to customers. Faster restoration will also reduce the Company's System Average Interruption Duration Index (SAIDI) minutes.

System Performance

Security

Compliance

New Mexico Public Regulation Commission (NMPRC) Rule 17.9.560 (Service Standards for Electric Utilities) requires utilities to maintain plant such that continuity of service is assured as reasonably possible. This project will minimize the duration of some outages and will reduce the impact of outages on our customers.

Environmental

Project No:

60001619 SCADAMATE Switches (PADMOUNTED)

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	10,000	10,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	15,000	10,000	205,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	75,000	75,000	75,000	75,000	77,500	75,000	30,000	20,000	20,000	15,000	537,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	753	753	1,506	1,506	1,506	1,506	1,506	1,506	1,506	1,506	1,130	753	15,437
914: Pension and Benefits	-	2,303	2,303	4,606	4,606	4,606	4,606	4,606	4,606	4,606	4,606	3,455	2,303	47,212
915: Injuries and Damages	-	995	995	1,990	1,990	1,990	1,990	1,990	1,990	1,990	1,990	1,493	995	20,398
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	1,616	1,616	11,857	11,857	11,857	11,857	12,144	11,857	6,682	5,532	4,724	3,341	94,938
926: A&G Loads	-	359	359	3,411	3,411	3,411	3,411	3,500	3,411	1,795	1,436	1,257	898	26,656
928: AFUDC Debt	-	15	45	171	393	617	841	1,069	1,299	1,478	1,599	1,702	1,785	11,014
929: AFUDC Equity	-	19	57	218	502	787	1,073	1,364	1,657	1,885	2,040	2,171	2,278	14,050
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(858,546)	(858,546)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(113,657)	(113,657)
Project Net	-	16,060	16,128	118,758	119,264	119,772	120,283	123,680	121,324	69,942	58,708	50,930	(934,851)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	205,000	10,000	22,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	537,000
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	537,500	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	1,437,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	15,437	753	1,657	2,259	2,259	2,259	2,259	2,259	2,259	2,259	2,259	2,259	2,259	40,436
914: Pension and Benefits	47,212	2,303	5,067	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	123,671
915: Injuries and Damages	20,398	995	2,189	2,985	2,985	2,985	2,985	2,985	2,985	2,985	2,985	2,985	2,985	53,432
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	94,938	10,241	12,180	13,473	13,473	13,473	13,473	13,473	13,473	13,473	13,473	13,473	13,473	252,085
926: A&G Loads	26,656	3,698	4,220	4,568	4,568	4,568	4,568	4,568	4,568	4,568	4,568	4,568	4,568	80,248
928: AFUDC Debt	11,014	81	260	465	681	898	1,116	1,336	107	321	537	753	970	18,539
929: AFUDC Equity	14,050	141	451	806	1,180	1,557	1,935	2,315	185	557	930	1,305	1,682	27,095
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(858,546)	-	-	-	-	-	-	(806,336)	-	-	-	-	(602,198)	(2,267,080)
825: Closing Cost of Removal	(113,657)	-	-	-	-	-	-	(108,152)	-	-	-	-	(81,116)	(302,925)
Project Net	-	103,212	123,022	136,464	137,054	137,648	138,244	(775,645)	135,485	136,071	136,660	137,251	(545,468)	-

Project No: 60001620 Pajarito Station Service

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 9/1/2020

Estimated Completion Date 7/1/2022

Description
This project involves the purchase and installation of the required distribution equipment and facilities to provide primary and backup power to the new Pajarito switchyard. The new equipment and facilities associated with this work include one PME-10 switch, one PME-9 auto throw-over switch, two 150 kVA three-phase transformers, 5" PVC conduit and 750 feet of aluminum jacketed concentric neutral three-phase cable, wood distribution poles, one 600 amp riser, and 397 feet of aluminum conductor steel reinforced overhead conductor.

Project Need Justification
The new Pajarito 345 kV switchyard was constructed to expand PNM's facilities in the SW Albuquerque area and was needed to provide improved area system reliability. The switchyard required distribution class station service to provide power to its equipment, control houses, and control panels but at the time no distribution facilities existed in the area of the switchyard. Therefore PNM constructed an underground line extension from Snow Vista Feeder 13 for primary service. This project is a continuation of the effort to bring distribution facilities to the substation by providing backup service via an automatic throw over (ATO) required a line extension from South Coors feeder 12. The backup feeder will be a combination of new overhead and underground construction.

Project Alternatives
The only alternative is the do-nothing approach. To do nothing would significantly limit PNM's ability to provide reliable service to customers in the area of SW Albuquerque. Doing nothing would also severely limit PNM's ability to provide service to new customers with existing infrastructure.

Project Estimate Approach
The estimated cost for this distribution work was developed using PNM's standard equipment specifications, standard labor database, and competitively bidding contractor's services.

Customer Benefit
Customer benefits include enhanced service reliability for area customers and expansion of PNM's distribution system to support customer growth in the SW Albuquerque area.

Primary Value Driver Reliability

Safety

Reliability This project will improve PNM's reliability in serving Southwest Albuquerque customers and expand PNM's ability to serve new customers in this growing area.

System Performance

Security

Compliance

Environmental

Project No:	60001620 Pajarito Station Service							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	42,705	-	-	-	-	-	-	42,705
120: Overtime-General	37	-	-	-	-	-	-	37
350: Material Issues-Major	593,904	-	-	-	-	-	-	593,904
370: Outside Services	907,313	-	-	-	-	-	-	907,313
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	604	-	-	-	-	-	-	604
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,206	-	-	-	-	-	-	3,206
914: Pension and Benefits	9,476	-	-	-	-	-	-	9,476
915: Injuries and Damages	3,291	-	-	-	-	-	-	3,291
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	22,343	-	-	-	-	-	-	22,343
922: Minor Material Load	30,627	-	-	-	-	-	-	30,627
925: E&S Loads	171,370	-	-	-	-	-	-	171,370
926: A&G Loads	94,004	-	-	-	-	-	-	94,004
928: AFUDC Debt	5,519	1	-	-	-	-	-	5,520
929: AFUDC Equity	18,970	3	-	-	-	-	-	18,973
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,764,311)	(867)	-	-	-	-	-	(1,765,179)
825: Closing Cost of Removal	-	(138,196)	-	-	-	-	-	(138,196)
Project Net	139,059	(139,059)	-	-	-	-	-	-

Project No:	60001620 Pajarito Station Service													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	42,705	-	-	-	-	-	-	-	-	-	-	-	-	42,705
120: Overtime-General	37	-	-	-	-	-	-	-	-	-	-	-	-	37
350: Material Issues-Major	593,904	-	-	-	-	-	-	-	-	-	-	-	-	593,904
370: Outside Services	907,313	-	-	-	-	-	-	-	-	-	-	-	-	907,313
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	604	-	-	-	-	-	-	-	-	-	-	-	-	604
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,206	-	-	-	-	-	-	-	-	-	-	-	-	3,206
914: Pension and Benefits	9,476	-	-	-	-	-	-	-	-	-	-	-	-	9,476
915: Injuries and Damages	3,291	-	-	-	-	-	-	-	-	-	-	-	-	3,291
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	22,343	-	-	-	-	-	-	-	-	-	-	-	-	22,343
922: Minor Material Load	30,627	-	-	-	-	-	-	-	-	-	-	-	-	30,627
925: E&S Loads	171,370	-	-	-	-	-	-	-	-	-	-	-	-	171,370
926: A&G Loads	94,004	-	-	-	-	-	-	-	-	-	-	-	-	94,004
928: AFUDC Debt	5,520	-	-	-	-	-	-	-	-	-	-	-	-	5,520
929: AFUDC Equity	18,973	-	-	-	-	-	-	-	-	-	-	-	-	18,973
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,765,179)	-	-	-	-	-	-	-	-	-	-	-	-	(1,765,179)
825: Closing Cost of Removal	(138,196)	-	-	-	-	-	-	-	-	-	-	-	-	(138,196)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	60001620 Pajarito Station Service													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	42,705	-	-	-	-	-	-	-	-	-	-	-	-	42,705
120: Overtime-General	37	-	-	-	-	-	-	-	-	-	-	-	-	37
350: Material Issues-Major	593,904	-	-	-	-	-	-	-	-	-	-	-	-	593,904
370: Outside Services	907,313	-	-	-	-	-	-	-	-	-	-	-	-	907,313
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	604	-	-	-	-	-	-	-	-	-	-	-	-	604
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,206	-	-	-	-	-	-	-	-	-	-	-	-	3,206
914: Pension and Benefits	9,476	-	-	-	-	-	-	-	-	-	-	-	-	9,476
915: Injuries and Damages	3,291	-	-	-	-	-	-	-	-	-	-	-	-	3,291
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	22,343	-	-	-	-	-	-	-	-	-	-	-	-	22,343
922: Minor Material Load	30,627	-	-	-	-	-	-	-	-	-	-	-	-	30,627
925: E&S Loads	171,370	-	-	-	-	-	-	-	-	-	-	-	-	171,370
926: A&G Loads	94,004	-	-	-	-	-	-	-	-	-	-	-	-	94,004
928: AFUDC Debt	5,520	-	-	-	-	-	-	-	-	-	-	-	-	5,520
929: AFUDC Equity	18,973	-	-	-	-	-	-	-	-	-	-	-	-	18,973
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,765,179)	-	-	-	-	-	-	-	-	-	-	-	-	(1,765,179)
825: Closing Cost of Removal	(138,196)	-	-	-	-	-	-	-	-	-	-	-	-	(138,196)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60001622 Baca Mobile Substation Installation

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % San Miguel 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2022

Description
This project includes mobilization and installation of one of PNM's mobile substations to the existing Baca 46/12.47kV substation. This project includes installation of one 46kV pole, grounding connections, one 12.47kV switch and other 12.47kV improvements to connect the mobile substation at Baca Substation.

Project Need Justification
Through dissolved gas analysis of samples from the Baca 46/12.47kV transformer, it was determined that transformer was not fit for service anymore due to concerns with internal arcing due to deterioration of the insulation within the transformer. Baca serves retail load in Las Vegas, NM. Through studies, it was determined that the surrounding substations could not provide enough capacity to cover the load served by Baca during all of the cases considered.

Project Alternatives
The do nothing approach was determined through studies to not be acceptable. The surrounding substations do not provide enough capacity to cover Baca's load under the studied contingencies. Repair of the existing Baca transformer was determined to take too long to provide an adequate short term plan. PNM does not have a spare transformer of this voltage class to replace the failed transformer "like for like".

Project Estimate Approach
The project estimate was created through transmission and distribution unit estimates based on the facilities designed for the mobile substation connections.

Customer Benefit
With the Baca transformer out due to failure, a trip of one of the surrounding substations would result on service interruption to customers and possibly, inability to re-energize. Installation of the mobile substation covers for the capacity lost due to the transformer failure, keeping the system in a normal configuration electrically, including back up for N-1 contingencies.

Primary Value Driver Reliability

Safety

Reliability
With the loss of the Baca transformer, during certain N-1 contingencies, customers may lose power without the available capacity to re-energize. Installation of the mobile substation brings the system back to normal configuration.

System Performance

Security

Compliance

Environmental

Project No:	60001622 Baca Mobile Substation Installation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	46,542	5,000	5,000	5,000	5,000	5,000	5,000	76,542
120: Overtime-General	36,974	-	-	-	-	-	-	36,974
350: Material Issues-Major	137,822	25,000	25,000	25,000	25,000	25,000	-	262,822
370: Outside Services	23,808	50,000	65,000	65,000	65,000	75,000	50,000	393,808
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	29,506	-	-	-	-	-	-	29,506
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,322	379	379	379	379	379	379	8,593
914: Pension and Benefits	18,382	1,076	1,076	1,076	1,076	1,076	1,076	24,838
915: Injuries and Damages	7,149	428	428	428	428	428	428	9,717
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	9,304	6,704	6,704	6,704	6,704	6,704	-	42,823
922: Minor Material Load	13,419	-	-	-	-	-	-	13,419
925: E&S Loads	25,842	10,235	12,110	12,110	12,110	13,360	7,110	92,879
926: A&G Loads	10,367	3,168	3,762	3,762	3,762	4,158	2,178	31,157
928: AFUDC Debt	704	238	376	527	678	836	963	4,322
929: AFUDC Equity	2,156	570	903	1,264	1,626	2,008	2,311	10,839
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(230,286)	-	-	-	-	-	(714,423)	(944,709)
825: Closing Cost of Removal	-	-	-	-	-	-	(93,530)	(93,530)
Project Net	138,013	102,797	120,738	121,249	121,762	133,949	(738,508)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	76,542	-	-	-	-	-	-	-	-	-	-	-	-	76,542
120: Overtime-General	36,974	-	-	-	-	-	-	-	-	-	-	-	-	36,974
350: Material Issues-Major	262,822	-	-	-	-	-	-	-	-	-	-	-	-	262,822
370: Outside Services	393,808	-	-	-	-	-	-	-	-	-	-	-	-	393,808
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	29,506	-	-	-	-	-	-	-	-	-	-	-	-	29,506
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	8,593	-	-	-	-	-	-	-	-	-	-	-	-	8,593
914: Pension and Benefits	24,838	-	-	-	-	-	-	-	-	-	-	-	-	24,838
915: Injuries and Damages	9,717	-	-	-	-	-	-	-	-	-	-	-	-	9,717
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	42,823	-	-	-	-	-	-	-	-	-	-	-	-	42,823
922: Minor Material Load	13,419	-	-	-	-	-	-	-	-	-	-	-	-	13,419
925: E&S Loads	92,879	-	-	-	-	-	-	-	-	-	-	-	-	92,879
926: A&G Loads	31,157	-	-	-	-	-	-	-	-	-	-	-	-	31,157
928: AFUDC Debt	4,322	-	-	-	-	-	-	-	-	-	-	-	-	4,322
929: AFUDC Equity	10,839	-	-	-	-	-	-	-	-	-	-	-	-	10,839
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(944,709)	-	-	-	-	-	-	-	-	-	-	-	-	(944,709)
825: Closing Cost of Removal	(93,530)	-	-	-	-	-	-	-	-	-	-	-	-	(93,530)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	76,542	-	-	-	-	-	-	-	-	-	-	-	-	76,542
120: Overtime-General	36,974	-	-	-	-	-	-	-	-	-	-	-	-	36,974
350: Material Issues-Major	262,822	-	-	-	-	-	-	-	-	-	-	-	-	262,822
370: Outside Services	393,808	-	-	-	-	-	-	-	-	-	-	-	-	393,808
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	29,506	-	-	-	-	-	-	-	-	-	-	-	-	29,506
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	8,593	-	-	-	-	-	-	-	-	-	-	-	-	8,593
914: Pension and Benefits	24,838	-	-	-	-	-	-	-	-	-	-	-	-	24,838
915: Injuries and Damages	9,717	-	-	-	-	-	-	-	-	-	-	-	-	9,717
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	42,823	-	-	-	-	-	-	-	-	-	-	-	-	42,823
922: Minor Material Load	13,419	-	-	-	-	-	-	-	-	-	-	-	-	13,419
925: E&S Loads	92,879	-	-	-	-	-	-	-	-	-	-	-	-	92,879
926: A&G Loads	31,157	-	-	-	-	-	-	-	-	-	-	-	-	31,157
928: AFUDC Debt	4,322	-	-	-	-	-	-	-	-	-	-	-	-	4,322
929: AFUDC Equity	10,839	-	-	-	-	-	-	-	-	-	-	-	-	10,839
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(944,709)	-	-	-	-	-	-	-	-	-	-	-	-	(944,709)
825: Closing Cost of Removal	(93,530)	-	-	-	-	-	-	-	-	-	-	-	-	(93,530)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60001713 SF Switchgear Replacements

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Santa Fe 100%

Estimated Start Date 4/29/2013

Estimated Completion Date 8/1/2022

Description

This project provides for numerous small distribution facility improvements including the design and replacement of outdated underground pad mounted switchgears. In an effort to improve safety and system reliability, PNM is replacing live front padmounted switchgears with dead front padmounted switchgears. Live front means that the switchgear has exposed energized parts inside both the switch bays and fuse bays. Older style switchgears pose an operational and safety hazard. In addition, they are a reliability exposure. These identified switchgears will be replaced with dead front padmounted switchgears. Dead front means that the switchgear will not have any exposed energized parts and allow PNM to break load thus providing additional employee safety when accessing the switchgear and installation. For all new padmounted switchgear installations, a dead front is the PNM standard.

Project Need Justification

Switchgear flashovers and fires have occurred in past due to the nature of the live front gear and access to energized equipment contact by rodents. In addition, unexpected outages associated with these switchgear can be very lengthy and thus increasing restoration times and System Average Interruption Duration Index (SAIDI) minutes.

Project Alternatives

The alternative to this project is to leave the existing outdated, unsafe underground pad mounted switchgears in place and only replace the equipment as the infrastructure fails. This can cause lengthy outages and restoration times and increase the amount of SAIDI minutes for PNM.

Project Estimate Approach

An estimate was calculated using the labor and materials costs for replacing the total number of switches spread over a six year replacement schedule.

Customer Benefit

Customers benefit through reduced outage frequency and duration, maintained service integrity, and enhanced system reliability.

Primary Value Driver Safety

Safety Replacing the pad mounted switchgears eliminates safety issues, such as flash-overs, attributed to the existing switchgears installed on the system. This improves safety for PNM personnel and the general public.

Reliability This project helps maintain the integrity of the underground and pad mounted switchgear in PNM's distribution system, increasing reliability and reducing SAIDI minutes.

System Performance

Security

Compliance

Environmental

Project No:	60001713 SF Switchgear Replacements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	207,969	-	-	-	-	-	-	207,969
120: Overtime-General	46,573	-	-	-	-	-	-	46,573
350: Material Issues-Major	1,050,675	-	-	-	-	-	-	1,050,675
370: Outside Services	180,857	-	-	-	-	-	-	180,857
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	99,374	-	-	-	-	-	-	99,374
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,806	-	-	-	-	-	-	18,806
914: Pension and Benefits	65,889	-	-	-	-	-	-	65,889
915: Injuries and Damages	17,172	-	-	-	-	-	-	17,172
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	99,136	-	-	-	-	-	-	99,136
922: Minor Material Load	103,775	-	-	-	-	-	-	103,775
925: E&S Loads	222,973	-	-	-	-	-	-	222,973
926: A&G Loads	118,793	-	-	-	-	-	-	118,793
928: AFUDC Debt	26,145	116	116	-	-	-	-	26,377
929: AFUDC Equity	35,580	277	279	-	-	-	-	36,136
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,081,054)	-	(82,600)	-	-	-	-	(2,163,654)
825: Closing Cost of Removal	(115,091)	-	-	(15,761)	-	-	-	(130,853)
Project Net	97,574	393	(82,206)	(15,761)	-	-	-	(0)

Project No:	60001713 SF Switchgear Replacements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	207,969	-	-	-	-	-	-	-	-	-	-	-	-	207,969
120: Overtime-General	46,573	-	-	-	-	-	-	-	-	-	-	-	-	46,573
350: Material Issues-Major	1,050,675	-	-	-	-	-	-	-	-	-	-	-	-	1,050,675
370: Outside Services	180,857	-	-	-	-	-	-	-	-	-	-	-	-	180,857
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	99,374	-	-	-	-	-	-	-	-	-	-	-	-	99,374
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,806	-	-	-	-	-	-	-	-	-	-	-	-	18,806
914: Pension and Benefits	65,889	-	-	-	-	-	-	-	-	-	-	-	-	65,889
915: Injuries and Damages	17,172	-	-	-	-	-	-	-	-	-	-	-	-	17,172
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	99,136	-	-	-	-	-	-	-	-	-	-	-	-	99,136
922: Minor Material Load	103,775	-	-	-	-	-	-	-	-	-	-	-	-	103,775
925: E&S Loads	222,973	-	-	-	-	-	-	-	-	-	-	-	-	222,973
926: A&G Loads	118,793	-	-	-	-	-	-	-	-	-	-	-	-	118,793
928: AFUDC Debt	26,377	-	-	-	-	-	-	-	-	-	-	-	-	26,377
929: AFUDC Equity	36,136	-	-	-	-	-	-	-	-	-	-	-	-	36,136
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,163,654)	-	-	-	-	-	-	-	-	-	-	-	-	(2,163,654)
825: Closing Cost of Removal	(130,853)	-	-	-	-	-	-	-	-	-	-	-	-	(130,853)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	60001713 SF Switchgear Replacements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	207,969	-	-	-	-	-	-	-	-	-	-	-	-	207,969
120: Overtime-General	46,573	-	-	-	-	-	-	-	-	-	-	-	-	46,573
350: Material Issues-Major	1,050,675	-	-	-	-	-	-	-	-	-	-	-	-	1,050,675
370: Outside Services	180,857	-	-	-	-	-	-	-	-	-	-	-	-	180,857
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	99,374	-	-	-	-	-	-	-	-	-	-	-	-	99,374
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	18,806	-	-	-	-	-	-	-	-	-	-	-	-	18,806
914: Pension and Benefits	65,889	-	-	-	-	-	-	-	-	-	-	-	-	65,889
915: Injuries and Damages	17,172	-	-	-	-	-	-	-	-	-	-	-	-	17,172
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	99,136	-	-	-	-	-	-	-	-	-	-	-	-	99,136
922: Minor Material Load	103,775	-	-	-	-	-	-	-	-	-	-	-	-	103,775
925: E&S Loads	222,973	-	-	-	-	-	-	-	-	-	-	-	-	222,973
926: A&G Loads	118,793	-	-	-	-	-	-	-	-	-	-	-	-	118,793
928: AFUDC Debt	26,377	-	-	-	-	-	-	-	-	-	-	-	-	26,377
929: AFUDC Equity	36,136	-	-	-	-	-	-	-	-	-	-	-	-	36,136
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,163,654)	-	-	-	-	-	-	-	-	-	-	-	-	(2,163,654)
825: Closing Cost of Removal	(130,853)	-	-	-	-	-	-	-	-	-	-	-	-	(130,853)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60001718 Streetlight LED Conversion

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2018

Estimated Completion Date 9/1/2022

Description
The City of Albuquerque requested that PNM replace PNM-owned streetlights from High Pressure Sodium (HPS) and Mercury Vapor (MV) to a more cost effective Light-Emitting Diode (LED) technology. The 16th Revision of PNM's Rate No. 20, states that upon the request from the Customer (CoA) the Company (PNM) shall convert Company-owned street lighting fixtures at its own expense up to the limits provided by the installation allowance, with any remaining expenses being the responsibility of the Customer.

Project Need Justification
Per the 16th Revision of PNM's Rate No. 20 PNM shall replace streetlights per the customer's request.

Project Alternatives
Since PNM is required to convert streetlights per Rate 16 no other alternatives were considered.

Project Estimate Approach
This project was estimated using fixed cost bids from contractors during the preliminary stages of this project.

Customer Benefit
This project will benefit the City of Albuquerque by lowering their monthly bills due because LED lights use less energy.

Primary Value Driver Compliance
Safety This project will improve lighting within the City of Albuquerque as LED lights are brighter which may prevent crime.

Reliability This project will increase reliability because LED lights have a longer life than currently installed bulbs.

System Performance

Security

Compliance This project was required per PNM Rate 20

Environmental

Project No:	60001718 Streetlight LED Conversion							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	55,520	-	-	-	-	-	-	55,520
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,831	-	-	-	-	-	-	2,831
370: Outside Services	3,599,309	-	-	-	-	-	-	3,599,309
374: Outside Services Legal	52,520	-	-	-	-	-	-	52,520
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	11,489	-	-	-	-	-	-	11,489
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,467,547)	-	-	-	-	-	-	(1,467,547)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,360	-	-	-	-	-	-	4,360
914: Pension and Benefits	13,993	-	-	-	-	-	-	13,993
915: Injuries and Damages	3,857	-	-	-	-	-	-	3,857
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,630	-	-	-	-	-	-	8,630
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	584,280	-	-	-	-	-	-	584,280
926: A&G Loads	287,944	-	-	-	-	-	-	287,944
928: AFUDC Debt	64,124	24	24	24	-	-	-	64,197
929: AFUDC Equity	84,431	58	58	59	-	-	-	84,606
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(3,155,201)	-	-	(17,375)	-	-	-	(3,172,576)
825: Closing Cost of Removal	(118,313)	-	-	(15,101)	-	-	-	(133,413)
Project Net	32,228	82	83	(32,393)	-	-	-	(0)

Project No:	60001718 Streetlight LED Conversion													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	55,520	-	-	-	-	-	-	-	-	-	-	-	-	55,520
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,831	-	-	-	-	-	-	-	-	-	-	-	-	2,831
370: Outside Services	3,599,309	-	-	-	-	-	-	-	-	-	-	-	-	3,599,309
374: Outside Services Legal	52,520	-	-	-	-	-	-	-	-	-	-	-	-	52,520
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	11,489	-	-	-	-	-	-	-	-	-	-	-	-	11,489
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,467,547)	-	-	-	-	-	-	-	-	-	-	-	-	(1,467,547)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,360	-	-	-	-	-	-	-	-	-	-	-	-	4,360
914: Pension and Benefits	13,993	-	-	-	-	-	-	-	-	-	-	-	-	13,993
915: Injuries and Damages	3,857	-	-	-	-	-	-	-	-	-	-	-	-	3,857
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,630	-	-	-	-	-	-	-	-	-	-	-	-	8,630
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	584,280	-	-	-	-	-	-	-	-	-	-	-	-	584,280
926: A&G Loads	287,944	-	-	-	-	-	-	-	-	-	-	-	-	287,944
928: AFUDC Debt	64,197	-	-	-	-	-	-	-	-	-	-	-	-	64,197
929: AFUDC Equity	84,606	-	-	-	-	-	-	-	-	-	-	-	-	84,606
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,172,576)	-	-	-	-	-	-	-	-	-	-	-	-	(3,172,576)
825: Closing Cost of Removal	(133,413)	-	-	-	-	-	-	-	-	-	-	-	-	(133,413)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	60001718 Streetlight LED Conversion													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	55,520	-	-	-	-	-	-	-	-	-	-	-	-	55,520
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,831	-	-	-	-	-	-	-	-	-	-	-	-	2,831
370: Outside Services	3,599,309	-	-	-	-	-	-	-	-	-	-	-	-	3,599,309
374: Outside Services Legal	52,520	-	-	-	-	-	-	-	-	-	-	-	-	52,520
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	11,489	-	-	-	-	-	-	-	-	-	-	-	-	11,489
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(1,467,547)	-	-	-	-	-	-	-	-	-	-	-	-	(1,467,547)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,360	-	-	-	-	-	-	-	-	-	-	-	-	4,360
914: Pension and Benefits	13,993	-	-	-	-	-	-	-	-	-	-	-	-	13,993
915: Injuries and Damages	3,857	-	-	-	-	-	-	-	-	-	-	-	-	3,857
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,630	-	-	-	-	-	-	-	-	-	-	-	-	8,630
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	584,280	-	-	-	-	-	-	-	-	-	-	-	-	584,280
926: A&G Loads	287,944	-	-	-	-	-	-	-	-	-	-	-	-	287,944
928: AFUDC Debt	64,197	-	-	-	-	-	-	-	-	-	-	-	-	64,197
929: AFUDC Equity	84,606	-	-	-	-	-	-	-	-	-	-	-	-	84,606
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,172,576)	-	-	-	-	-	-	-	-	-	-	-	-	(3,172,576)
825: Closing Cost of Removal	(133,413)	-	-	-	-	-	-	-	-	-	-	-	-	(133,413)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60001719 SCADAMATE Switches (OVERHEAD)

Company: 001 Electric Services
Location: 600 Electric System

Project Information

Estimated Start Date 1/1/2019
Estimated Completion Date 12/30/2025

County %	Bernalillo	50%
	Valencia	20%
	Santa Fe	20%
	San Miguel	5%
	Grant	5%

Description
This project is another step towards further modernization of PNM's overhead electrical distribution system and involves installing additional switches capable of being operated remotely by Distribution Operations Center (DOC) employees through a Supervisory Controlled and Data Acquisition (SCADA) system. The locations of these new SCADA controlled switches will be chosen strategically to provide DOC operators the most flexibility in identifying the source of an outage and better enable the remote operations of switches to restore power during an outage faster. Shifting from the use of manual field switches to remote switches makes it easier to identify outages and will result in faster restoration of power to impacted customers.

Project Need Justification
Modernizing PNM's overhead distribution system is necessary to help reduce outage duration. Traditional manual switches require dispatching crews to trouble shoot and then manually operate switches to restore power. Remotely operated switches can expedite power restoration as crews no longer need to be on-site to operate a switch.

Project Alternatives
The two alternatives to this project are do nothing or install fully automatic switches on the Company's overhead distribution network. The do nothing option would continue the status quo of relying on the dispatch of crews to identify and manually resolve the switch issue to restore power. Though it is possible to install fully automatic switches, PNM's distribution system currently is not conducive to the safe operation of automatic switches.

Project Estimate Approach
The project estimate is based on historical spend on automatic switches. The total project costs is developed by multiplying the cost of replacing a single switchgear and associated hardware by the expected number of switchgears to be replaced.

Customer Benefit
Installation of automatic switchgear will make it easier to identify outages on PNM's overhead distribution system and will reduce the amount of time required to restore service.

Primary Value Driver Reliability
Safety

Reliability Installation of remotely operable switches will make it easier to identify the causes of outages and will enable to faster restoration of power. By restoring service faster, the Company will also reduce its System Average Interruption Duration Index (SAIDI) minutes.

System Performance

Security

Compliance NMPRC Rule 17.9.560 (Service Standards for Electric Utilities) requires utilities to maintain plant such that continuity of service is assured as reasonably possible. This project will minimize the duration of some outages and will reduce the impact of outages on our customers.

Environmental

Project No: 60001719 SCADAMATE Switches (OVERHEAD)

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	47,175	1,276	1,276	1,276	1,276	1,276	1,276	54,832
120: Overtime-General	1,620	46	46	46	46	46	46	1,895
350: Material Issues-Major	1,157,643	48,786	10,000	48,786	10,000	48,786	48,786	1,372,786
370: Outside Services	457,645	3,704	3,704	3,704	3,704	3,704	3,704	479,867
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3,672	-	-	-	-	-	-	3,672
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,686	100	100	100	100	100	100	4,286
914: Pension and Benefits	11,402	284	284	284	284	284	284	13,109
915: Injuries and Damages	4,097	113	113	113	113	113	113	4,776
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	68,112	13,082	2,682	13,082	2,682	13,082	13,082	125,802
922: Minor Material Load	22,692	-	-	-	-	-	-	22,692
925: E&S Loads	186,408	6,789	1,940	6,789	1,940	6,789	6,789	217,444
926: A&G Loads	89,740	2,131	595	2,131	595	2,131	2,131	99,454
928: AFUDC Debt	7,125	49	109	170	231	292	389	8,364
929: AFUDC Equity	16,931	117	262	408	555	702	933	19,907
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,847,404)	-	-	-	-	-	(310,166)	(2,157,570)
825: Closing Cost of Removal	(167,790)	-	-	-	-	-	(103,525)	(271,316)
Project Net	62,753	76,476	21,111	76,888	21,526	77,305	(336,059)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	54,832	500	1,276	1,276	1,276	1,276	1,276	1,276	1,276	500	1,276	500	1,276	67,816
120: Overtime-General	1,895	-	46	46	46	46	46	46	46	-	46	-	46	2,308
350: Material Issues-Major	1,372,786	8,000	48,786	48,786	48,786	48,786	48,786	48,786	48,786	3,000	48,786	3,000	48,786	1,825,858
370: Outside Services	479,867	1,000	3,704	3,704	3,704	3,704	3,704	3,704	3,704	1,000	3,704	1,000	3,704	516,199
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,672	-	-	-	-	-	-	-	-	-	-	-	-	3,672
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,286	38	100	100	100	100	100	100	100	38	100	38	100	5,295
914: Pension and Benefits	13,109	115	304	304	304	304	304	304	304	115	304	115	304	16,195
915: Injuries and Damages	4,776	50	132	132	132	132	132	132	132	50	132	50	132	6,109
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	125,802	2,268	13,829	13,829	13,829	13,829	13,829	13,829	13,829	850	13,829	850	13,829	254,230
922: Minor Material Load	22,692	-	-	-	-	-	-	-	-	-	-	-	-	22,692
925: E&S Loads	217,444	1,116	6,250	6,250	6,250	6,250	6,250	6,250	6,250	541	6,250	541	6,250	275,890
926: A&G Loads	99,454	341	1,932	1,932	1,932	1,932	1,932	1,932	1,932	162	1,932	162	1,932	117,504
928: AFUDC Debt	8,364	13	97	240	384	529	674	820	967	1,049	1,131	1,214	1,297	16,779
929: AFUDC Equity	19,907	16	123	306	490	674	860	1,046	1,234	1,338	1,443	1,549	1,655	30,641
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,157,570)	-	-	-	-	-	-	-	-	-	-	-	(646,724)	(2,804,294)
825: Closing Cost of Removal	(271,316)	-	-	-	-	-	-	-	-	-	-	-	(85,579)	(356,894)
Project Net	-	13,456	76,577	76,903	77,231	77,560	77,891	78,224	78,558	8,642	78,932	9,018	(652,993)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	67,816	500	1,276	1,276	1,276	1,276	1,276	1,276	1,276	500	1,276	500	1,276	80,801
120: Overtime-General	2,308	-	46	46	46	46	46	46	46	-	46	-	46	2,721
350: Material Issues-Major	1,825,858	8,000	48,786	48,786	48,786	48,786	48,786	48,786	48,786	3,000	48,786	3,000	48,786	2,278,930
370: Outside Services	516,199	1,000	3,704	3,704	3,704	3,704	3,704	3,704	3,704	1,000	3,704	1,000	3,704	552,531
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,672	-	-	-	-	-	-	-	-	-	-	-	-	3,672
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,295	38	100	100	100	100	100	100	100	38	100	38	100	6,304
914: Pension and Benefits	16,195	115	304	304	304	304	304	304	304	115	304	115	304	19,280
915: Injuries and Damages	6,109	50	132	132	132	132	132	132	132	50	132	50	132	7,443
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	254,230	2,268	13,829	13,829	13,829	13,829	13,829	13,829	13,829	850	13,829	850	13,829	382,658
922: Minor Material Load	22,692	-	-	-	-	-	-	-	-	-	-	-	-	22,692
925: E&S Loads	275,890	1,116	6,250	6,250	6,250	6,250	6,250	6,250	6,250	541	6,250	541	6,250	334,336
926: A&G Loads	117,504	413	2,341	2,341	2,341	2,341	2,341	2,341	2,341	196	2,341	196	2,341	139,376
928: AFUDC Debt	16,779	11	82	204	326	449	573	697	822	892	962	1,032	1,103	23,931
929: AFUDC Equity	30,641	19	142	353	566	779	993	1,208	1,425	1,546	1,667	1,789	1,912	43,039
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,804,294)	-	-	-	-	-	-	-	-	-	-	-	(650,489)	(3,454,783)
825: Closing Cost of Removal	(356,894)	-	-	-	-	-	-	-	-	-	-	-	(86,037)	(442,931)
Project Net	0	13,528	76,991	77,324	77,658	77,994	78,332	78,672	79,013	8,727	79,395	9,111	(656,745)	0

Project No: 60001720 SCADAMATE Switches (Ovd Pgm)-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County %	Bernalillo	80%
	Santa Fe	20%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2022

Description

This project is another step towards further modernization of PNM's overhead electrical distribution system and involves installing additional switches capable of being operated remotely by Distribution Operations Center (DOC) employees through a Supervisory Controlled and Data Acquisition (SCADA) system. The locations of these new SCADA controlled switches will be chosen strategically to provide DOC operators the most flexibility in identifying the source of an outage and better enable the remote operations of switch to restore power during an outage faster. Shifting from the use of manual field switches to remote switches makes it easier to identify outages and will result in faster restoration of power to impacted customers.

Project Need Justification

Modernizing PNM's overhead distribution system is necessary to help reduce outage duration. Traditional manual switches require dispatching crews to trouble shoot and then manually operate switches to restore power. Remotely operated switches can expedite power restoration as crews no longer need to be on-site to operate a switch.

Project Alternatives

The two alternatives to this project are do nothing or install fully automatic switches on the Company's overhead distribution network. The do nothing option would continue the status quo of relying on the dispatch of crews to identify and manually resolve the switch issue to restore power. Though it is possible to install fully automatic switches, PNM's distribution system currently is not conducive to the safe operation of automatic switches.

Project Estimate Approach

The project estimate is based on historical spend on automatic switches. The total project costs is developed by multiplying the cost of replacing a single switchgear and associated hardware by the expected number of switchgears to be replaced.

Customer Benefit

Installation of automatic switchgear will make it easier to identify outages on PNM's overhead distribution system and will reduce the amount of time required to restore service.

Primary Value Driver Reliability

Safety

Reliability Installation of remotely operable switches will make it easier to identify the causes of outages and will enable to faster restoration of power. By restoring service faster, the Company will also reduce its System Average Interruption Duration Index (SAIDI) minutes.

System Performance

Security

Compliance NMPRC Rule 17.9.560 (Service Standards for Electric Utilities) requires utilities to maintain plant such that continuity of service is assured as reasonably possible. This project will minimize the duration of some outages and will reduce the impact of outages on our customers.

Environmental

Project No:	60001720 SCADAMATE Switches (Ovd Pgm)-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	32,133	-	-	-	-	-	-	32,133
120: Overtime-General	718	-	-	-	-	-	-	718
350: Material Issues-Major	598,989	-	-	-	-	-	-	598,989
370: Outside Services	351,344	-	-	-	-	-	-	351,344
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	11,770	-	-	-	-	-	-	11,770
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,471	-	-	-	-	-	-	2,471
914: Pension and Benefits	7,248	-	-	-	-	-	-	7,248
915: Injuries and Damages	2,620	-	-	-	-	-	-	2,620
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	15,017	-	-	-	-	-	-	15,017
922: Minor Material Load	13,305	-	-	-	-	-	-	13,305
925: E&S Loads	88,207	-	-	-	-	-	-	88,207
926: A&G Loads	55,772	-	-	-	-	-	-	55,772
928: AFUDC Debt	2,429	104	105	105	106	106	107	3,063
929: AFUDC Equity	7,980	250	252	253	254	255	256	9,500
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(967,207)	-	-	-	-	-	(76,018)	(1,043,225)
825: Closing Cost of Removal	-	-	-	-	-	-	(148,932)	(148,932)
Project Net	222,797	355	356	358	360	361	(224,588)	-

Project No:	60001720 SCADAMATE Switches (Ovd Pgm)-WFF													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	32,133	-	-	-	-	-	-	-	-	-	-	-	-	32,133
120: Overtime-General	718	-	-	-	-	-	-	-	-	-	-	-	-	718
350: Material Issues-Major	598,989	-	-	-	-	-	-	-	-	-	-	-	-	598,989
370: Outside Services	351,344	-	-	-	-	-	-	-	-	-	-	-	-	351,344
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	11,770	-	-	-	-	-	-	-	-	-	-	-	-	11,770
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,471	-	-	-	-	-	-	-	-	-	-	-	-	2,471
914: Pension and Benefits	7,248	-	-	-	-	-	-	-	-	-	-	-	-	7,248
915: Injuries and Damages	2,620	-	-	-	-	-	-	-	-	-	-	-	-	2,620
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,017	-	-	-	-	-	-	-	-	-	-	-	-	15,017
922: Minor Material Load	13,305	-	-	-	-	-	-	-	-	-	-	-	-	13,305
925: E&S Loads	88,207	-	-	-	-	-	-	-	-	-	-	-	-	88,207
926: A&G Loads	55,772	-	-	-	-	-	-	-	-	-	-	-	-	55,772
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	3,063
929: AFUDC Equity	9,500	-	-	-	-	-	-	-	-	-	-	-	-	9,500
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,043,225)	-	-	-	-	-	-	-	-	-	-	-	-	(1,043,225)
825: Closing Cost of Removal	(148,932)	-	-	-	-	-	-	-	-	-	-	-	-	(148,932)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	60001720 SCADAMATE Switches (Ovd Pgm)-WFF													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	32,133	-	-	-	-	-	-	-	-	-	-	-	-	32,133
120: Overtime-General	718	-	-	-	-	-	-	-	-	-	-	-	-	718
350: Material Issues-Major	598,989	-	-	-	-	-	-	-	-	-	-	-	-	598,989
370: Outside Services	351,344	-	-	-	-	-	-	-	-	-	-	-	-	351,344
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	11,770	-	-	-	-	-	-	-	-	-	-	-	-	11,770
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,471	-	-	-	-	-	-	-	-	-	-	-	-	2,471
914: Pension and Benefits	7,248	-	-	-	-	-	-	-	-	-	-	-	-	7,248
915: Injuries and Damages	2,620	-	-	-	-	-	-	-	-	-	-	-	-	2,620
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,017	-	-	-	-	-	-	-	-	-	-	-	-	15,017
922: Minor Material Load	13,305	-	-	-	-	-	-	-	-	-	-	-	-	13,305
925: E&S Loads	88,207	-	-	-	-	-	-	-	-	-	-	-	-	88,207
926: A&G Loads	55,772	-	-	-	-	-	-	-	-	-	-	-	-	55,772
928: AFUDC Debt	3,063	-	-	-	-	-	-	-	-	-	-	-	-	3,063
929: AFUDC Equity	9,500	-	-	-	-	-	-	-	-	-	-	-	-	9,500
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,043,225)	-	-	-	-	-	-	-	-	-	-	-	-	(1,043,225)
825: Closing Cost of Removal	(148,932)	-	-	-	-	-	-	-	-	-	-	-	-	(148,932)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60001721 Single Phase URD Replacement-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

Estimated Start Date 1/1/2021
Estimated Completion Date 12/31/2026

County %		
	San Miguel	10%
	Santa Fe	15%
	Valencia	15%
	Bernalillo	60%

Description
Project is to address the aging underground single-phase residential cables. Project will install new conduit and conductors.

Project Need Justification
As the single-phase cable degrades over time, it is susceptible to cable failure or faults. As cables begin to fail, more customers are impacted with longer outage durations. PNM will perform inspections, integrity testing, assessments, designs, materials, and construction across various focus areas in the PNM underground distribution system.

Project Alternatives
An alternative to this project is to repair underground cable faults reactively. This alternative was not considered as this would mean longer outages for customers while the cable fault location is found and a greater chance for a call back as the cable may fault in another location further down/up stream.

Project Estimate Approach
The project estimate is based on unit cost of linear feet from historical cost on similar projects for installing underground cable in conduit. To further our cost estimates we utilized contractor bids for the directional boring and the cable pulling. Contractor labor hours are estimated for terminating cables. Contractor rates are based on master agreements updated every 6 months.

Customer Benefit
Replacing aged cable with newer cable will reduce the risk of unplanned outages experienced by customers as newer cable is more reliable and less susceptible to failure.

Primary Value Driver Compliance

Safety

Reliability

System Performance

Security

Compliance New Mexico Public Regulation Commission (NMPRC) Rule 17.9.560 (Service Standards for Electric Utilities) requires utilities to maintain plant such that continuity of service is assured as reasonably possible. This project will minimize the duration of some outages and will reduce the impact of outages on our customers.

Environmental

Project No:	60001721 Single Phase URD Replacement-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	50,337	-	-	-	-	-	-	50,337
120: Overtime-General	696	-	-	-	-	-	-	696
350: Material Issues-Major	1,721,645	-	-	-	-	-	-	1,721,645
370: Outside Services	8,622,917	-	-	-	-	-	-	8,622,917
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	9,632	-	-	-	-	-	-	9,632
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,847	-	-	-	-	-	-	3,847
914: Pension and Benefits	11,388	-	-	-	-	-	-	11,388
915: Injuries and Damages	4,059	-	-	-	-	-	-	4,059
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	81,481	-	-	-	-	-	-	81,481
922: Minor Material Load	58,662	-	-	-	-	-	-	58,662
925: E&S Loads	1,003,888	-	-	-	-	-	-	1,003,888
926: A&G Loads	527,387	-	-	-	-	-	-	527,387
928: AFUDC Debt	37,504	5,285	4,248	3,415	2,745	2,207	1,552	56,955
929: AFUDC Equity	119,856	12,685	10,196	8,196	6,589	5,296	3,725	166,543
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(6,152,664)	(756,745)	(608,285)	(488,950)	(393,027)	(473,883)	(777,703)	(9,651,257)
825: Closing Cost of Removal	(914,780)	(284,020)	(227,216)	(181,773)	(145,418)	(174,502)	(285,020)	(2,212,730)
Project Net	5,185,856	(1,022,796)	(821,056)	(659,112)	(529,112)	(640,882)	(1,057,446)	455,453

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	50,337	-	-	-	-	-	-	-	-	-	-	-	-	50,337
120: Overtime-General	696	-	-	-	-	-	-	-	-	-	-	-	-	696
350: Material Issues-Major	1,721,645	-	-	-	-	-	-	-	-	-	-	-	-	1,721,645
370: Outside Services	8,622,917	-	-	-	-	-	-	-	-	-	-	-	-	8,622,917
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	9,632	-	-	-	-	-	-	-	-	-	-	-	-	9,632
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,847	-	-	-	-	-	-	-	-	-	-	-	-	3,847
914: Pension and Benefits	11,388	-	-	-	-	-	-	-	-	-	-	-	-	11,388
915: Injuries and Damages	4,059	-	-	-	-	-	-	-	-	-	-	-	-	4,059
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	81,481	-	-	-	-	-	-	-	-	-	-	-	-	81,481
922: Minor Material Load	58,662	-	-	-	-	-	-	-	-	-	-	-	-	58,662
925: E&S Loads	1,003,888	-	-	-	-	-	-	-	-	-	-	-	-	1,003,888
926: A&G Loads	527,387	-	-	-	-	-	-	-	-	-	-	-	-	527,387
928: AFUDC Debt	56,955	704	495	349	280	225	181	146	117	94	76	61	43	59,726
929: AFUDC Equity	166,543	899	632	445	357	287	231	186	149	120	96	78	55	170,077
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,651,257)	(100,471)	(70,668)	(33,137)	(26,637)	(21,412)	(17,212)	(13,836)	(11,122)	(8,940)	(7,187)	(8,666)	(14,222)	(9,984,768)
825: Closing Cost of Removal	(2,212,730)	(36,645)	(25,652)	(11,971)	(9,577)	(7,661)	(6,129)	(4,903)	(3,923)	(3,138)	(2,510)	(3,013)	(4,921)	(2,332,772)
Project Net	455,453	(135,514)	(95,192)	(44,315)	(35,576)	(28,561)	(22,929)	(18,408)	(14,778)	(11,865)	(9,525)	(11,540)	(19,045)	8,204

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	50,337	-	-	-	-	-	-	-	-	-	-	-	-	50,337
120: Overtime-General	696	-	-	-	-	-	-	-	-	-	-	-	-	696
350: Material Issues-Major	1,721,645	-	-	-	-	-	-	-	-	-	-	-	-	1,721,645
370: Outside Services	8,622,917	-	-	-	-	-	-	-	-	-	-	-	-	8,622,917
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	9,632	-	-	-	-	-	-	-	-	-	-	-	-	9,632
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,847	-	-	-	-	-	-	-	-	-	-	-	-	3,847
914: Pension and Benefits	11,388	-	-	-	-	-	-	-	-	-	-	-	-	11,388
915: Injuries and Damages	4,059	-	-	-	-	-	-	-	-	-	-	-	-	4,059
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	81,481	-	-	-	-	-	-	-	-	-	-	-	-	81,481
922: Minor Material Load	58,662	-	-	-	-	-	-	-	-	-	-	-	-	58,662
925: E&S Loads	1,003,888	-	-	-	-	-	-	-	-	-	-	-	-	1,003,888
926: A&G Loads	527,387	-	-	-	-	-	-	-	-	-	-	-	-	527,387
928: AFUDC Debt	59,726	11	8	5	4	3	3	2	2	1	1	1	1	59,769
929: AFUDC Equity	170,077	19	13	9	8	6	5	4	3	3	2	2	1	170,151
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,984,768)	(1,837)	(1,293)	(606)	(487)	(392)	(315)	(253)	(204)	(164)	(132)	(159)	(260)	(9,990,868)
825: Closing Cost of Removal	(2,332,772)	(633)	(443)	(207)	(165)	(132)	(106)	(85)	(68)	(54)	(43)	(52)	(85)	(2,334,845)
Project Net	8,204	(2,440)	(1,714)	(798)	(641)	(514)	(413)	(332)	(266)	(214)	(172)	(208)	(343)	148

Project No: 60001722 Wyoming Substation

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 4/1/2022

Estimated Completion Date 12/31/2024

Description
The Wyoming substation, which serves the greater Albuquerque area, has equipment that is decades old which increases the probability of equipment failure which could result in an outage and/or damage to other equipment. This project would replace aging equipment that has been identified as a high risk for future failures. For example, the switchgear used to distribute power to the local neighborhood and protect utility equipment has been identified as needing to be replaced and would be replaced in kind with new switchgear and associated equipment within the switchgear (e.g., vacuum circuit breakers, microprocessor relays - which would replace older electro-mechanical relays, and power cables for the individual outgoing distribution feeders circuits).

Project Need Justification
PNM is continually evaluating the performance of equipment on its system and identifying equipment that either due to age or condition needs to be replaced, modernized, or upgraded as part PNM's Infrastructure Investment Projects (PIIP). This project is needed to replace aging equipment and will help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
The alternative is to do nothing and allow equipment to operate until eventual failure. Upon failure, there would be an immediate impact on the local neighborhood in the form of power outages. This would also require the need for PNM to send crews out to perform an emergency replacement which would entail higher costs and longer outages.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment, and estimating models from previous installations were used to determine pricing for current project scope.

Customer Benefit
The purchase and installation of a new switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets.

Primary Value Driver Reliability

Safety

Reliability Replacing the aged switchgear would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers and relays would enhance the management of each feeder into the neighborhood.

System Performance The new switchgear and associated equipment would out perform the existing switchgear since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area.

Security

Compliance

Environmental

Project No:	60001722 Wyoming Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	156	23,565	6,466	6,466	6,466	15,593	6,466	65,176
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	210,857	-	-	-	-	173,420	-	384,277
370: Outside Services	-	212,081	58,192	58,192	58,192	58,192	58,192	503,041
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	5	-	-	-	-	-	-	5
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	12	1,784	489	489	489	1,180	489	4,934
914: Pension and Benefits	34	5,071	1,391	1,391	1,391	3,356	1,391	14,027
915: Injuries and Damages	13	2,017	553	553	553	1,335	553	5,579
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,867	-	-	-	-	46,502	-	50,369
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	21,497	30,565	8,387	8,387	8,387	31,634	8,387	117,242
926: A&G Loads	8,356	9,332	2,560	2,560	2,560	9,789	2,560	37,719
928: AFUDC Debt	788	526	754	855	956	1,221	1,487	6,586
929: AFUDC Equity	2,191	1,263	1,810	2,051	2,294	2,930	3,569	16,108
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	247,776	286,203	80,603	80,945	81,289	345,152	83,095	1,205,062

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	65,176	39,177	45,259	22,322	38,157	22,322	6,466	6,466	6,466	10,548	-	-	-	262,359
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	384,277	42,139	42,139	-	300,869	-	-	-	-	77,569	-	-	-	846,993
370: Outside Services	503,041	200,895	225,222	200,895	200,895	200,895	252,632	58,192	58,192	58,192	-	-	-	1,959,052
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	5	25,284	25,284	-	-	-	-	-	-	-	-	-	-	50,572
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,934	2,950	3,408	1,681	2,873	1,681	487	487	487	794	-	-	-	19,782
914: Pension and Benefits	14,027	9,023	10,423	5,141	8,788	5,141	1,489	1,489	1,489	2,429	-	-	-	59,438
915: Injuries and Damages	5,579	3,898	4,503	2,221	3,797	2,221	643	643	643	1,050	-	-	-	25,199
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	50,369	11,945	11,945	-	85,284	-	-	-	-	21,988	-	-	-	181,531
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	117,242	37,187	40,967	26,710	63,868	26,710	30,097	7,737	7,737	17,317	-	-	-	375,573
926: A&G Loads	37,719	11,039	12,131	8,013	19,383	8,013	9,302	2,321	2,321	5,253	-	-	-	115,495
928: AFUDC Debt	6,586	2,681	3,447	4,108	5,054	6,006	2,359	2,252	1,874	2,001	2,057	2,066	339	40,829
929: AFUDC Equity	16,108	3,420	4,397	5,240	6,447	7,661	3,009	2,873	2,390	2,552	2,623	2,636	432	59,789
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	(1,978,955)	(222,185)	(251,104)	(64,335)	(64,234)	-	(817,237)	(160,236)	(3,558,286)
825: Closing Cost of Removal	-	-	-	-	-	(241,152)	(27,643)	(31,281)	(8,033)	(8,108)	-	(102,171)	(19,936)	(438,325)
Project Net	1,205,062	389,638	429,125	276,330	735,416	(1,939,458)	56,656	(199,926)	9,231	127,351	4,680	(914,705)	(179,400)	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	262,359	-	-	-	-	-	-	-	-	-	-	-	-	262,359
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	846,993	-	-	-	-	-	-	-	-	-	-	-	-	846,993
370: Outside Services	1,959,052	-	-	-	-	-	-	-	-	-	-	-	-	1,959,052
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	50,572	-	-	-	-	-	-	-	-	-	-	-	-	50,572
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,782	-	-	-	-	-	-	-	-	-	-	-	-	19,782
914: Pension and Benefits	59,438	-	-	-	-	-	-	-	-	-	-	-	-	59,438
915: Injuries and Damages	25,199	-	-	-	-	-	-	-	-	-	-	-	-	25,199
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	181,531	-	-	-	-	-	-	-	-	-	-	-	-	181,531
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	375,573	-	-	-	-	-	-	-	-	-	-	-	-	375,573
926: A&G Loads	115,495	-	-	-	-	-	-	-	-	-	-	-	-	115,495
928: AFUDC Debt	40,829	-	-	-	-	-	-	-	-	-	-	-	-	40,829
929: AFUDC Equity	59,789	-	-	-	-	-	-	-	-	-	-	-	-	59,789
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,558,286)	-	-	-	-	-	-	-	-	-	-	-	-	(3,558,286)
825: Closing Cost of Removal	(438,325)	-	-	-	-	-	-	-	-	-	-	-	-	(438,325)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60001813 Plateau Fiber Project Co 001

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 5/28/2013

Estimated Completion Date 8/1/2022

Description
This is a customer requested project to construct fiber lines and install panels in the substations on the Plateau Randolph Route, Plateau Verizon MSO north route, and the Plateau Verizon MSO south route. PNM customers have paid for majority of project.

Project Need Justification
Completing fiber installation allows PNM to utilize fiber that is not being used by customers to support existing and future stations. PNM's ability to utilize this existing fiber creates lower costs for communication when building substations in this area.

Project Alternatives
As this is a customer requested project that is receiving much of the funding from the customer, there are no alternatives for this project.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers benefit from proper communication and the increased reliability on the system. This also allows PNM to have lower communication costs to provide required communication on the PNM system, also benefitting customers.

Primary Value Driver Safety
More reliable communication allows for better protection for PNM personnel and the general public during an incident.

Reliability

System Performance

Security

Compliance

Environmental

Project No:	60001813 Plateau Fiber Project Co 001							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	8,339	-	-	-	-	-	-	8,339
120: Overtime-General	14,410	-	-	-	-	-	-	14,410
350: Material Issues-Major	135,401	-	-	-	-	-	-	135,401
370: Outside Services	756,111	-	-	-	-	-	-	756,111
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	13,772	-	-	-	-	-	-	13,772
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(855,222)	-	-	-	-	-	-	(855,222)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	193	-	-	-	-	-	-	193
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	6,505	-	-	-	-	-	-	6,505
926: A&G Loads	3,460	-	-	-	-	-	-	3,460
928: AFUDC Debt	7,576	117	117	-	-	-	-	7,811
929: AFUDC Equity	12,758	281	282	-	-	-	-	13,320
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(20,493)	-	(83,606)	-	-	-	-	(104,099)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	82,809	398	(83,206)	-	-	-	-	0

Project No:	60001813 Plateau Fiber Project Co 001													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	8,339	-	-	-	-	-	-	-	-	-	-	-	-	8,339
120: Overtime-General	14,410	-	-	-	-	-	-	-	-	-	-	-	-	14,410
350: Material Issues-Major	135,401	-	-	-	-	-	-	-	-	-	-	-	-	135,401
370: Outside Services	756,111	-	-	-	-	-	-	-	-	-	-	-	-	756,111
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	13,772	-	-	-	-	-	-	-	-	-	-	-	-	13,772
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(855,222)	-	-	-	-	-	-	-	-	-	-	-	-	(855,222)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	193	-	-	-	-	-	-	-	-	-	-	-	-	193
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	6,505	-	-	-	-	-	-	-	-	-	-	-	-	6,505
926: A&G Loads	3,460	-	-	-	-	-	-	-	-	-	-	-	-	3,460
928: AFUDC Debt	7,811	-	-	-	-	-	-	-	-	-	-	-	-	7,811
929: AFUDC Equity	13,320	-	-	-	-	-	-	-	-	-	-	-	-	13,320
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(104,099)	-	-	-	-	-	-	-	-	-	-	-	-	(104,099)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No:	60001813 Plateau Fiber Project Co 001													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	8,339	-	-	-	-	-	-	-	-	-	-	-	-	8,339
120: Overtime-General	14,410	-	-	-	-	-	-	-	-	-	-	-	-	14,410
350: Material Issues-Major	135,401	-	-	-	-	-	-	-	-	-	-	-	-	135,401
370: Outside Services	756,111	-	-	-	-	-	-	-	-	-	-	-	-	756,111
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	13,772	-	-	-	-	-	-	-	-	-	-	-	-	13,772
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(855,222)	-	-	-	-	-	-	-	-	-	-	-	-	(855,222)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	193	-	-	-	-	-	-	-	-	-	-	-	-	193
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	6,505	-	-	-	-	-	-	-	-	-	-	-	-	6,505
926: A&G Loads	3,460	-	-	-	-	-	-	-	-	-	-	-	-	3,460
928: AFUDC Debt	7,811	-	-	-	-	-	-	-	-	-	-	-	-	7,811
929: AFUDC Equity	13,320	-	-	-	-	-	-	-	-	-	-	-	-	13,320
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(104,099)	-	-	-	-	-	-	-	-	-	-	-	-	(104,099)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 60001822 Hawkins Substation

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 4/1/2022

Estimated Completion Date 12/31/2024

Description
Hawkins substation has equipment that is decades old, increasing the probability of equipment failure. This project would replace aging equipment in the substation that has been identified as high risk for future failures and therefore outages for the local area. The switchgear that is used to distribute power to the local neighborhood and protect utility equipment would be replaced in kind, and the power transformer that is used to step down voltage from a transmission level to distribution level would be replaced with a larger unit with additional capacity. This would include the associated equipment within and around the switchgear and power transformers: new vacuum circuit breakers, microprocessor relays (replacing older electro-mechanical relays), high-side interrupters, and upgraded power cables on the high voltage side of the transformer and individual outgoing distribution feeders circuits. This project also includes installing a low-side bus-tie connection between switchgears for additional switching and operational flexibility on the distribution system.

Project Need Justification
PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
One alternative is to keep the existing assets in place and allow them to operate until failure. If/when the equipment were to fail, there would be an immediately impact on the local neighborhood on the form of power outages that would require an emergency replacement which results in higher costs and longer outages. Another option is to replace the major assets separately to mitigate outage durations. This would allow for the outages to be shortened, but costs would be higher due to multiple mobilizations, additional labor hours for transferring customer load, and engineering phased design and construction packages.

Project Estimate Approach
The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit
The purchase and installation of a new power transformer and switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. An additional benefit for this project is the additional power capacity of the power transformer, allowing PNM more flexibility to support adjacent customer loads on farther out distribution circuits through this site.

Primary Value Driver Reliability

Safety

Reliability Replacing the aged switchgear and power transformer would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would enhance the management of each feeder into the neighborhood.

System Performance The new switchgear and power transformer would outperform the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area. Additionally, it would provide the substation higher power capacity for any future neighborhood growth.

Security

Compliance

Environmental

Project No:	60001822 Hawkins Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	88	5,348	37,658	3,000	3,000	16,856	2,000	67,949
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	210,857	-	715,502	-	-	263,260	-	1,189,619
370: Outside Services	-	48,128	-	27,000	27,000	27,000	18,000	147,128
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	7	405	2,851	227	227	1,276	151	5,144
914: Pension and Benefits	19	1,151	8,104	646	646	3,627	430	14,623
915: Injuries and Damages	8	458	3,224	257	257	1,443	171	5,816
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,867	-	191,862	-	-	70,593	-	266,322
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	21,488	6,936	95,917	3,891	3,891	39,183	2,594	173,900
926: A&G Loads	8,353	2,118	29,825	1,188	1,188	12,162	792	55,626
928: AFUDC Debt	788	390	1,106	1,807	1,861	2,163	2,459	10,573
929: AFUDC Equity	2,191	935	2,654	4,338	4,467	5,192	5,902	25,678
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	247,665	65,868	1,088,702	42,354	42,537	442,755	32,500	1,962,380

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	67,949	680	680	1,180	1,180	1,511	2,180	3,384	11,554	12,254	15,760	23,485	53,679	195,480
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,189,619	-	-	-	-	-	-	-	19,961	19,961	80,875	233,342	824,901	2,368,661
370: Outside Services	147,128	6,123	6,123	10,623	10,623	13,602	19,623	30,458	32,129	38,429	41,129	38,429	29,964	424,381
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	11,977	11,977	11,977	11,977	11,977	59,884
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,144	51	51	89	89	114	164	255	870	923	1,187	1,768	4,042	14,747
914: Pension and Benefits	14,623	157	157	272	272	348	502	779	2,661	2,822	3,630	5,409	12,362	43,993
915: Injuries and Damages	5,816	68	68	117	117	150	217	337	1,150	1,219	1,568	2,337	5,341	18,506
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	266,322	-	-	-	-	-	-	-	5,658	5,658	22,925	66,143	233,826	600,533
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	173,900	814	814	1,412	1,412	1,809	2,609	4,049	9,235	10,072	17,955	36,426	108,361	368,868
926: A&G Loads	55,626	244	244	424	424	543	783	1,215	2,715	2,966	5,376	11,030	33,047	114,635
928: AFUDC Debt	10,573	3,750	3,784	3,823	3,868	3,917	3,977	4,058	4,207	4,419	4,729	5,344	7,004	63,452
929: AFUDC Equity	25,678	4,784	4,827	4,876	4,934	4,996	5,073	5,177	5,367	5,637	6,032	6,816	8,935	93,132
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,962,380	16,671	16,747	22,816	22,918	26,990	35,127	49,713	107,485	116,338	213,143	442,505	1,333,440	4,366,273

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	195,480	19,884	42,935	20,001	38,082	20,001	19,501	19,501	2,461	2,461	1,461	461	-	382,231
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,368,661	-	-	-	343,530	-	-	-	-	-	-	-	-	2,712,191
370: Outside Services	424,381	178,952	271,748	180,013	180,013	180,013	175,513	175,513	22,149	22,149	13,149	4,149	392,777	2,220,520
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	59,884	-	-	-	-	-	-	-	-	-	-	-	-	59,884
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	14,747	1,497	3,233	1,506	2,868	1,506	1,468	1,468	185	185	110	35	-	28,809
914: Pension and Benefits	43,993	4,579	9,888	4,606	8,770	4,606	4,491	4,491	567	567	336	106	-	87,002
915: Injuries and Damages	18,506	1,978	4,272	1,990	3,789	1,990	1,940	1,940	245	245	145	46	-	37,087
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	600,533	-	-	-	97,377	-	-	-	-	-	-	-	-	697,910
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	368,868	23,792	38,189	23,933	66,361	23,933	23,335	23,335	2,945	2,945	1,748	552	45,169	645,106
926: A&G Loads	114,635	8,649	13,689	8,701	24,431	8,701	8,483	8,483	1,071	1,071	636	201	17,086	215,834
928: AFUDC Debt	63,452	7,180	7,708	8,240	9,076	9,916	10,341	10,763	9,260	114	83	47	360	136,540
929: AFUDC Equity	93,132	12,446	13,362	14,284	15,733	17,189	17,925	18,656	16,052	198	144	82	624	219,826
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(981,787)	(5,140,911)	(38,384)	(30,393)	(28,858)	(401,412)	(6,621,744)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(121,356)	(632,686)	(4,878)	(3,927)	(3,747)	(54,604)	(821,197)
Project Net	4,366,273	258,959	405,023	263,275	790,030	267,856	262,998	(838,991)	(5,718,663)	(13,327)	(16,507)	(26,927)	(0)	(0)

Project No: 60002010 Misc. Station Improvements Blanket

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 10/9/2008

Estimated Completion Date 12/31/2027

Description
This project will fund smaller capital replacements, substantial betterments, or improvements at PNM substations. This project typically includes replacement of surge arresters, switches, raptor protection shielding, oil filtration, and temperature monitoring equipment and similar equipment.

Project Need Justification
This project addresses capital replacements or improvements at PNM substations to improve reliability, maintainability, or to enhance safety.

Project Alternatives
Alternatives are evaluated on a case-by-case basis. Many tasks are replacing equipment or components with like equipment, so alternatives are considered only if the equipment being replaced is no longer available, outdated, or obsolete. In all cases, alternatives are considered weighing need, cost, safety, and reliability to reach the optimal solution.

Project Estimate Approach
Cost estimates are prepared on a per-item basis. Estimates typically include major equipment prices from master agreements, and minor material and construction costs from previous similar work and competitive bids. The cost of major material such as load tap changers, disconnect switches or surge arresters are approximately 50%, with contract labor 10%, PNM labor 35% and minor material 5%. Overall spend is tracked quarterly and adjusted to reflect timing of specific replacement tasks.

Customer Benefit
This project will increase the reliability of PNM's substations, and customers benefit from having a more reliable system.

Primary Value Driver Reliability

Safety This project allows for avoided employee and public safety incidents and avoided damage to public property by replacing substation equipment, which further ensures the safety of PNM employees and contractors.

Reliability Keeping PNM substation equipment in excellent condition improves System Average Interruption Duration Index (SAIDI) by improving reliability.

System Performance

Security

Compliance

Environmental

Project No:	Misc. Station Improvements Blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	241,918	-	-	-	-	-	-	241,918
120: Overtime-General	27,966	-	-	-	-	-	-	27,966
350: Material Issues-Major	395,668	-	-	-	-	-	-	395,668
370: Outside Services	829,568	26,000	26,000	26,000	26,000	26,000	26,000	985,568
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	452	-	-	-	-	-	-	452
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	31,031	-	-	-	-	-	-	31,031
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,883	-	-	-	-	-	-	19,883
914: Pension and Benefits	73,783	-	-	-	-	-	-	73,783
915: Injuries and Damages	20,460	-	-	-	-	-	-	20,460
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	28,124	-	-	-	-	-	-	28,124
922: Minor Material Load	768	-	-	-	-	-	-	768
925: E&S Loads	252,946	3,250	3,250	3,250	3,250	3,250	3,250	272,446
926: A&G Loads	113,589	1,030	1,030	1,030	1,030	1,030	1,030	119,766
928: AFUDC Debt	71,480	19	57	94	133	171	209	72,162
929: AFUDC Equity	78,773	45	136	227	318	410	502	80,410
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,984,115)	-	-	-	-	-	(162,196)	(2,146,311)
825: Closing Cost of Removal	(202,293)	-	-	-	-	-	(21,801)	(224,094)
Project Net	-	30,344	30,472	30,601	30,730	30,860	(153,006)	-

Project No:	Misc. Station Improvements Blanket													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	241,918	-	-	-	-	-	-	-	-	-	-	-	-	241,918
120: Overtime-General	27,966	-	-	-	-	-	-	-	-	-	-	-	-	27,966
350: Material Issues-Major	395,668	-	-	-	-	-	-	-	-	-	-	-	-	395,668
370: Outside Services	985,568	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	15,500	1,287,068
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	452	-	-	-	-	-	-	-	-	-	-	-	-	452
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	31,031	-	-	-	-	-	-	-	-	-	-	-	-	31,031
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,883	-	-	-	-	-	-	-	-	-	-	-	-	19,883
914: Pension and Benefits	73,783	-	-	-	-	-	-	-	-	-	-	-	-	73,783
915: Injuries and Damages	20,460	-	-	-	-	-	-	-	-	-	-	-	-	20,460
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	28,124	-	-	-	-	-	-	-	-	-	-	-	-	28,124
922: Minor Material Load	768	-	-	-	-	-	-	-	-	-	-	-	-	768
925: E&S Loads	272,446	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	1,783	307,118
926: A&G Loads	119,766	933	933	933	933	933	933	933	933	933	933	933	556	130,590
928: AFUDC Debt	72,162	28	84	141	197	254	311	369	427	485	543	602	649	76,251
929: AFUDC Equity	80,410	36	107	179	252	324	397	470	544	618	693	767	828	85,626
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,146,311)	-	-	-	-	-	-	-	-	-	-	-	(314,661)	(2,460,973)
825: Closing Cost of Removal	(224,094)	-	-	-	-	-	-	-	-	-	-	-	(41,640)	(265,734)
Project Net	-	29,987	30,115	30,243	30,372	30,502	30,632	30,763	30,894	31,026	31,159	31,292	(336,985)	-

Project No:	Misc. Station Improvements Blanket													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	241,918	-	-	-	-	-	-	-	-	-	-	-	-	241,918
120: Overtime-General	27,966	-	-	-	-	-	-	-	-	-	-	-	-	27,966
350: Material Issues-Major	395,668	-	-	-	-	-	-	-	-	-	-	-	-	395,668
370: Outside Services	1,287,068	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	15,500	1,588,568
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	452	-	-	-	-	-	-	-	-	-	-	-	-	452
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	31,031	-	-	-	-	-	-	-	-	-	-	-	-	31,031
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	19,883	-	-	-	-	-	-	-	-	-	-	-	-	19,883
914: Pension and Benefits	73,783	-	-	-	-	-	-	-	-	-	-	-	-	73,783
915: Injuries and Damages	20,460	-	-	-	-	-	-	-	-	-	-	-	-	20,460
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	28,124	-	-	-	-	-	-	-	-	-	-	-	-	28,124
922: Minor Material Load	768	-	-	-	-	-	-	-	-	-	-	-	-	768
925: E&S Loads	307,118	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	2,990	1,783	341,791
926: A&G Loads	130,590	1,131	1,131	1,131	1,131	1,131	1,131	1,131	1,131	1,131	1,131	1,131	674	143,705
928: AFUDC Debt	76,251	24	72	120	168	216	265	314	363	412	462	512	553	79,731
929: AFUDC Equity	85,626	41	124	207	291	375	459	544	629	715	801	888	958	91,658
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,460,973)	-	-	-	-	-	-	-	-	-	-	-	(316,885)	(2,777,858)
825: Closing Cost of Removal	(265,734)	-	-	-	-	-	-	-	-	-	-	-	(41,915)	(307,648)
Project Net	-	30,186	30,317	30,448	30,580	30,712	30,845	30,979	31,113	31,248	31,384	31,521	(339,333)	-

Project No: 60002019 Circuit Switcher Repl/Upgrade Distr

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County %	Bernalillo	Santa Fe
	90%	10%

Estimated Start Date 7/1/2019

Estimated Completion Date 9/1/2022

Description
This project covers the installation of upgraded circuit switchers to replace the aging fleet currently in place in both Albuquerque and Santa Fe.

Project Need Justification
The circuit switchers currently installed in Albuquerque and Santa Fe are aging as they were installed in the 1970's and 1980's. The existing circuit switchers are equipped with several gaps, or interruption points, with one disconnect blade per phase. The upgraded versions have only one interruption point and no blades which will reduce maintenance costs and increase reliability in fault situations.

Project Alternatives
Two alternatives considered in place of this project include installation of circuit breakers and rebuilding/refurbishing the existing circuit switchers. Relative to this project, the cost of installation of circuit breakers is extremely high. The refurbishment alternative is not available to pursue because replacement parts needed to repair the existing circuit switchers are unavailable.

Project Estimate Approach
Estimated costs were based on similar equipment replacements completed in previous years. Some cost adders for the increase in the cost of construction labor and material since the completion of the most recent circuit switcher replacement.

Customer Benefit
Customers benefit from this project with increased reliability and improved system performance provided by the capabilities and features of the new switchers.

Primary Value Driver System Performance

Safety The new circuit switchers are safer to operate and maintain which allows PNM substation crews to have a safer working environment.

Reliability The new circuit switchers increase reliability because they have fewer failure points than the currently installed equipment. The increased speeds of the circuit switcher allow faster load breaks compared to the existing units.

System Performance This project will improve system performance because the new technology, improved design, quicker load break, and the ability to repair more easily allows for shorter outages and less difficulty with spare parts for maintenance.

Security

Compliance

Environmental

Project No:	60002019 Circuit Switcher Repl/Upgrade Distr							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	338,896	-	-	-	-	-	-	338,896
120: Overtime-General	145,318	-	-	-	-	-	-	145,318
350: Material Issues-Major	225,327	-	-	-	-	-	-	225,327
370: Outside Services	913,503	-	-	-	-	-	-	913,503
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,367	-	-	-	-	-	-	2,367
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	223,925	-	-	-	-	-	-	223,925
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	36,884	-	-	-	-	-	-	36,884
914: Pension and Benefits	113,017	-	-	-	-	-	-	113,017
915: Injuries and Damages	37,941	-	-	-	-	-	-	37,941
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	10,388	-	-	-	-	-	-	10,388
922: Minor Material Load	499	-	-	-	-	-	-	499
925: E&S Loads	194,351	-	-	-	-	-	-	194,351
926: A&G Loads	96,365	-	-	-	-	-	-	96,365
928: AFUDC Debt	7,626	16	16	16	-	-	-	7,674
929: AFUDC Equity	20,898	38	38	38	-	-	-	21,012
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,138,583)	-	-	(11,353)	-	-	-	(2,149,936)
825: Closing Cost of Removal	-	-	-	(217,530)	-	-	-	(217,530)
Project Net	228,721	54	54	(228,828)	-	-	-	-

Project No:	60002019 Circuit Switcher Repl/Upgrade Distr													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	338,896	-	-	-	-	-	-	-	-	-	-	-	-	338,896
120: Overtime-General	145,318	-	-	-	-	-	-	-	-	-	-	-	-	145,318
350: Material Issues-Major	225,327	-	-	-	-	-	-	-	-	-	-	-	-	225,327
370: Outside Services	913,503	-	-	-	-	-	-	-	-	-	-	-	-	913,503
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,367	-	-	-	-	-	-	-	-	-	-	-	-	2,367
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	223,925	-	-	-	-	-	-	-	-	-	-	-	-	223,925
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	36,884	-	-	-	-	-	-	-	-	-	-	-	-	36,884
914: Pension and Benefits	113,017	-	-	-	-	-	-	-	-	-	-	-	-	113,017
915: Injuries and Damages	37,941	-	-	-	-	-	-	-	-	-	-	-	-	37,941
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,388	-	-	-	-	-	-	-	-	-	-	-	-	10,388
922: Minor Material Load	499	-	-	-	-	-	-	-	-	-	-	-	-	499
925: E&S Loads	194,351	-	-	-	-	-	-	-	-	-	-	-	-	194,351
926: A&G Loads	96,365	-	-	-	-	-	-	-	-	-	-	-	-	96,365
928: AFUDC Debt	7,674	-	-	-	-	-	-	-	-	-	-	-	-	7,674
929: AFUDC Equity	21,012	-	-	-	-	-	-	-	-	-	-	-	-	21,012
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,149,936)	-	-	-	-	-	-	-	-	-	-	-	-	(2,149,936)
825: Closing Cost of Removal	(217,530)	-	-	-	-	-	-	-	-	-	-	-	-	(217,530)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	60002019 Circuit Switcher Repl/Upgrade Distr													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	338,896	-	-	-	-	-	-	-	-	-	-	-	-	338,896
120: Overtime-General	145,318	-	-	-	-	-	-	-	-	-	-	-	-	145,318
350: Material Issues-Major	225,327	-	-	-	-	-	-	-	-	-	-	-	-	225,327
370: Outside Services	913,503	-	-	-	-	-	-	-	-	-	-	-	-	913,503
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,367	-	-	-	-	-	-	-	-	-	-	-	-	2,367
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	223,925	-	-	-	-	-	-	-	-	-	-	-	-	223,925
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	36,884	-	-	-	-	-	-	-	-	-	-	-	-	36,884
914: Pension and Benefits	113,017	-	-	-	-	-	-	-	-	-	-	-	-	113,017
915: Injuries and Damages	37,941	-	-	-	-	-	-	-	-	-	-	-	-	37,941
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,388	-	-	-	-	-	-	-	-	-	-	-	-	10,388
922: Minor Material Load	499	-	-	-	-	-	-	-	-	-	-	-	-	499
925: E&S Loads	194,351	-	-	-	-	-	-	-	-	-	-	-	-	194,351
926: A&G Loads	96,365	-	-	-	-	-	-	-	-	-	-	-	-	96,365
928: AFUDC Debt	7,674	-	-	-	-	-	-	-	-	-	-	-	-	7,674
929: AFUDC Equity	21,012	-	-	-	-	-	-	-	-	-	-	-	-	21,012
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,149,936)	-	-	-	-	-	-	-	-	-	-	-	-	(2,149,936)
825: Closing Cost of Removal	(217,530)	-	-	-	-	-	-	-	-	-	-	-	-	(217,530)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60002020 Pole Replacement Program Dist

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2027

Description
This project covers an inspection and replacement program for damaged or decaying distribution poles.

Project Need Justification
Many poles in PNM's distribution system are approaching the ends of their useful lives. As poles age they decay from moisture, or can be damaged by insects or wildlife. This project will execute a methodical inspection of wood poles in PNM's distribution system for poles that need replacement. Poles are visually examined for splitting or warping above ground, and are tested for structural integrity or rot at and below ground. Poles that do not pass either inspection will be replaced.

Project Alternatives
An alternative to this project is to maintain a reactive approach to replacing damaged or failed wood poles. This would lead to increases in outages and reduced system reliability, and would also increase safety risks to both PNM personnel and the general public. Wood poles are the most economical choice for overhead distribution construction in PNM's service territory. New Mexico's arid climate extends the lives of wood poles, relative to other climates. Use of steel, concrete, or fiberglass poles are costly and uneconomical in PNM's service territory.

Project Estimate Approach
This project's annual funding estimate is based on an inspection cycle of 12-15 years for all of PNM's approximately 260,000 wood distribution poles, taking into account labor and non-labor costs and escalation factors.

Customer Benefit
Customers benefit from increased integrity of PNM's overhead distribution system which leads to greater reliability and public and personnel safety.

Primary Value Driver Safety

Safety Regular inspection and replacement of poles that are at risk of failing reduces possible outages caused by failure and increases system reliability and public safety from falling or leaning poles.

Reliability Regular inspection and replacement of poles that are at risk of failing reduces possible outages caused by failure and increases system reliability and public safety from falling or leaning poles.

System Performance

Security

Compliance New Mexico Public Regulation Commission (NMPRC) Rule 17.9.560 requires utilities to adopt electric plant inspection programs to determine the necessity of replacement or repair.

Environmental

Project No:	60002020 Pole Replacement Program Dist							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	234,344	-	-	-	-	-	-	234,344
120: Overtime-General	29,219	-	-	-	-	-	-	29,219
350: Material Issues-Major	559,858	-	-	-	-	-	-	559,858
370: Outside Services	2,433,044	-	-	-	-	-	-	2,433,044
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	15,752	-	-	-	-	-	-	15,752
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	157,129	-	-	-	-	-	-	157,129
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	20,036	-	-	-	-	-	-	20,036
914: Pension and Benefits	64,902	-	-	-	-	-	-	64,902
915: Injuries and Damages	23,784	-	-	-	-	-	-	23,784
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	45,442	-	-	-	-	-	-	45,442
922: Minor Material Load	43,622	-	-	-	-	-	-	43,622
925: E&S Loads	366,472	-	-	-	-	-	-	366,472
926: A&G Loads	175,594	-	-	-	-	-	-	175,594
928: AFUDC Debt	13,927	0	0	0	0	0	0	13,929
929: AFUDC Equity	31,911	1	1	1	1	0	0	31,916
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(3,044,509)	(133)	(106)	(85)	(68)	(55)	(220)	(3,045,176)
825: Closing Cost of Removal	(511,162)	(131,741)	(105,393)	(84,314)	(67,451)	(53,961)	(215,844)	(1,169,865)
Project Net	659,364	(131,872)	(105,497)	(84,398)	(67,519)	(54,015)	(216,063)	-

Project No:	60002020 Pole Replacement Program Dist													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	234,344	-	-	-	-	-	-	-	-	-	-	-	-	234,344
120: Overtime-General	29,219	-	-	-	-	-	-	-	-	-	-	-	-	29,219
350: Material Issues-Major	559,858	-	-	-	-	-	-	-	-	-	-	-	-	559,858
370: Outside Services	2,433,044	-	-	-	-	-	-	-	-	-	-	-	-	2,433,044
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	15,752	-	-	-	-	-	-	-	-	-	-	-	-	15,752
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	157,129	-	-	-	-	-	-	-	-	-	-	-	-	157,129
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	20,036	-	-	-	-	-	-	-	-	-	-	-	-	20,036
914: Pension and Benefits	64,902	-	-	-	-	-	-	-	-	-	-	-	-	64,902
915: Injuries and Damages	23,784	-	-	-	-	-	-	-	-	-	-	-	-	23,784
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	45,442	-	-	-	-	-	-	-	-	-	-	-	-	45,442
922: Minor Material Load	43,622	-	-	-	-	-	-	-	-	-	-	-	-	43,622
925: E&S Loads	366,472	-	-	-	-	-	-	-	-	-	-	-	-	366,472
926: A&G Loads	175,594	-	-	-	-	-	-	-	-	-	-	-	-	175,594
928: AFUDC Debt	13,929	-	-	-	-	-	-	-	-	-	-	-	-	13,929
929: AFUDC Equity	31,916	-	-	-	-	-	-	-	-	-	-	-	-	31,916
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,045,176)	-	-	-	-	-	-	-	-	-	-	-	-	(3,045,176)
825: Closing Cost of Removal	(1,169,865)	-	-	-	-	-	-	-	-	-	-	-	-	(1,169,865)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	60002020 Pole Replacement Program Dist													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	234,344	-	-	-	-	-	-	-	-	-	-	-	-	234,344
120: Overtime-General	29,219	-	-	-	-	-	-	-	-	-	-	-	-	29,219
350: Material Issues-Major	559,858	-	-	-	-	-	-	-	-	-	-	-	-	559,858
370: Outside Services	2,433,044	-	-	-	-	-	-	-	-	-	-	-	-	2,433,044
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	15,752	-	-	-	-	-	-	-	-	-	-	-	-	15,752
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	157,129	-	-	-	-	-	-	-	-	-	-	-	-	157,129
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	20,036	-	-	-	-	-	-	-	-	-	-	-	-	20,036
914: Pension and Benefits	64,902	-	-	-	-	-	-	-	-	-	-	-	-	64,902
915: Injuries and Damages	23,784	-	-	-	-	-	-	-	-	-	-	-	-	23,784
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	45,442	-	-	-	-	-	-	-	-	-	-	-	-	45,442
922: Minor Material Load	43,622	-	-	-	-	-	-	-	-	-	-	-	-	43,622
925: E&S Loads	366,472	-	-	-	-	-	-	-	-	-	-	-	-	366,472
926: A&G Loads	175,594	-	-	-	-	-	-	-	-	-	-	-	-	175,594
928: AFUDC Debt	13,929	-	-	-	-	-	-	-	-	-	-	-	-	13,929
929: AFUDC Equity	31,916	-	-	-	-	-	-	-	-	-	-	-	-	31,916
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,045,176)	-	-	-	-	-	-	-	-	-	-	-	-	(3,045,176)
825: Closing Cost of Removal	(1,169,865)	-	-	-	-	-	-	-	-	-	-	-	-	(1,169,865)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60002043 Pole Replacement Distr-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

Estimated Start Date 1/1/2021
Estimated Completion Date 1/31/2026

County %	Bernalillo	30% Lincoln	10%
	Valencia	10% Otero	10%
	Luna	10% Sandoval	10%
	Grant	10%	
	Santa Fe	10%	

Description
This project covers an inspection and replacement program for damaged or decaying distribution poles.

Project Need Justification
Many poles in PNM's distribution system are approaching the ends of their useful lives. As poles age they decay from moisture, or can be damaged by insects or wildlife. This project will execute a methodical inspection of wood poles in PNM's distribution system for poles that need replacement. Poles are visually examined for splitting or warping above ground, and are tested for structural integrity or rot at and below ground. Poles that do not pass either inspection will be replaced.

Project Alternatives
An alternative to this project is to maintain a reactive approach to replacing damaged or failed wood poles. This would lead to increases in outages and reduced system reliability, and would also increase safety risks to both PNM personnel and the general public. Wood poles are the most economical choice for overhead distribution construction in PNM's service territory. New Mexico's arid climate extends the lives of wood poles, relative to other climates. Use of steel, concrete, or fiberglass poles are costly and uneconomical in PNM's service territory.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates were utilized based on current industry standards.

Customer Benefit
Customers benefit from increased integrity of PNM's overhead distribution system which leads to greater reliability and reduced safety risk to public and personnel safety.

Primary Value Driver Reliability
Safety

Reliability Regular inspection and replacement of poles that are at risk of failing reduces possible outages caused by failure and increases system performance and reliability. It also reduces the risk of safety risks to public and Company personnel from falling or leaning poles.

System Performance

Security

Compliance

Environmental

Project No:	60002043 Pole Replacement Distr-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	272,894	5,663	6,671	6,671	6,671	6,671	6,671	311,912
120: Overtime-General	30,438	134	(16)	(16)	(16)	(16)	(16)	30,491
350: Material Issues-Major	1,248,981	43,106	8,420	8,420	8,420	8,420	8,420	1,334,187
370: Outside Services	8,698,136	508,487	184,725	184,725	184,725	184,725	184,725	10,130,248
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	17,974	-	-	-	-	-	-	17,974
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	212,908	-	-	-	-	-	-	212,908
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,757	439	504	504	504	504	504	25,715
914: Pension and Benefits	66,946	1,247	1,432	1,432	1,432	1,432	1,432	75,355
915: Injuries and Damages	23,428	496	570	570	570	570	570	26,773
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	83,560	11,559	2,258	2,258	2,258	2,258	2,258	106,408
922: Minor Material Load	146,991	-	-	-	-	-	-	146,991
925: E&S Loads	1,134,481	69,946	25,288	25,288	25,288	25,288	25,288	1,330,869
926: A&G Loads	578,233	22,073	7,912	7,912	7,912	7,912	7,912	639,866
928: AFUDC Debt	41,304	1,745	2,313	2,620	2,928	3,237	3,548	57,695
929: AFUDC Equity	136,408	4,189	5,552	6,288	7,027	7,770	8,516	175,750
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(8,267,123)	-	-	-	-	-	-	(8,267,123)
825: Closing Cost of Removal	(556,263)	-	-	-	-	-	-	(556,263)
Project Net	3,892,055	669,084	245,629	246,671	247,718	248,771	249,828	5,799,755

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	311,912	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	379,865
120: Overtime-General	30,491	134	134	134	134	134	134	134	134	134	134	134	134	32,094
350: Material Issues-Major	1,334,187	-	-	-	-	-	-	-	-	-	-	-	-	1,334,187
370: Outside Services	10,130,248	-	-	-	-	-	-	-	-	-	-	-	-	10,130,248
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	17,974	-	-	-	-	-	-	-	-	-	-	-	-	17,974
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	212,908	-	-	-	-	-	-	-	-	-	-	-	-	212,908
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	25,715	436	436	436	436	436	436	436	436	436	436	436	436	30,952
914: Pension and Benefits	75,355	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	91,373
915: Injuries and Damages	26,773	577	577	577	577	577	577	577	577	577	577	577	577	33,693
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	106,408	-	-	-	-	-	-	-	-	-	-	-	-	106,408
922: Minor Material Load	146,991	-	-	-	-	-	-	-	-	-	-	-	-	146,991
925: E&S Loads	1,330,869	937	937	937	937	937	937	937	937	937	937	937	937	1,342,108
926: A&G Loads	639,866	208	208	208	208	208	208	208	208	208	208	208	208	642,363
928: AFUDC Debt	57,695	5,599	5,644	5,688	5,733	5,778	5,824	5,869	5,915	5,961	6,007	6,054	6,100	127,869
929: AFUDC Equity	175,750	7,143	7,199	7,256	7,314	7,371	7,429	7,487	7,545	7,604	7,663	7,722	7,782	265,266
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(8,267,123)	-	-	-	-	-	-	-	-	-	-	-	-	(8,267,123)
825: Closing Cost of Removal	(556,263)	-	-	-	-	-	-	-	-	-	-	-	-	(556,263)
Project Net	5,799,755	22,031	22,132	22,234	22,336	22,439	22,542	22,645	22,750	22,854	22,960	23,065	23,171	6,070,914

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	379,865	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	5,663	447,818
120: Overtime-General	32,094	134	134	134	134	134	134	134	134	134	134	134	134	33,697
350: Material Issues-Major	1,334,187	-	-	-	-	-	-	-	-	-	-	-	-	1,334,187
370: Outside Services	10,130,248	-	-	-	-	-	-	-	-	-	-	-	-	10,130,248
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	17,974	-	-	-	-	-	-	-	-	-	-	-	-	17,974
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	212,908	-	-	-	-	-	-	-	-	-	-	-	-	212,908
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	30,952	436	436	436	436	436	436	436	436	436	436	436	436	36,190
914: Pension and Benefits	91,373	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	1,335	107,392
915: Injuries and Damages	33,693	577	577	577	577	577	577	577	577	577	577	577	577	40,614
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	106,408	-	-	-	-	-	-	-	-	-	-	-	-	106,408
922: Minor Material Load	146,991	-	-	-	-	-	-	-	-	-	-	-	-	146,991
925: E&S Loads	1,342,108	937	937	937	937	937	937	937	937	937	937	937	937	1,353,347
926: A&G Loads	642,363	252	252	252	252	252	252	252	252	252	252	252	252	645,388
928: AFUDC Debt	127,869	5,196	5,236	5,277	5,317	5,358	5,399	5,441	5,482	5,524	5,566	5,608	5,650	192,924
929: AFUDC Equity	265,266	9,007	9,077	9,147	9,218	9,288	9,360	9,431	9,503	9,575	9,648	9,721	9,794	378,035
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(8,267,123)	-	-	-	-	-	-	-	-	-	-	-	(3,163,778)	(11,430,900)
825: Closing Cost of Removal	(556,263)	-	-	-	-	-	-	-	-	-	-	-	(3,196,958)	(3,753,221)
Project Net	6,070,914	23,536	23,646	23,757	23,868	23,980	24,092	24,205	24,318	24,432	24,547	24,662	(6,335,958)	-

Project No: 60002110 Misc 46kv Line

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 10/9/2008

Estimated Completion Date 12/31/2027

Description
This project is for annual minor capital improvements and replacements associated with 46kv lines, such as replacement of structures to improve clearances or poles which have reached the end of their useful service life.

Project Need Justification
This work includes improvements of lightning protection from enhanced grounding, or improved clearances provided by the installation of taller poles. Replacement of aged wood cross arms and pin type insulators with polymer post insulators may be performed to improve reliability.

Project Alternatives
These improvements or replacements are required to maintain continued safe and reliable operation of 46kv lines. There typically are no alternatives to performing the work. Each task is evaluated individually. Evaluations are performed to determine if it is possible to extend the life of the asset (e.g., by adding ground line reinforcements) or if replacement is needed. The decision is based on which option has the greater positive impact on system reliability.

Project Estimate Approach
The budget is developed from historical spend with trending based on input from line inspection reports (such as pole ground line testing or wood cross arm inspections). Cost estimates are prepared on a per task basis. Estimates typically include major equipment prices from master agreements, and material and construction costs from previous similar work or competitive bids. Overall spend is tracked quarterly and adjusted to reflect timing of specific tasks.

Customer Benefit
Customers benefit from this project as newer equipment is less susceptible to outages which improves system reliability. Newer equipment also typically makes it easier to restore service if an outage were to occur.

Primary Value Driver Reliability

Safety Proactively replacing aged equipment reduces the risk of damage to public/Company property if the equipment were to fail. Proactively replacing equipment is also more safe for Company personnel rather than performing work after equipment has failed.

Reliability Newer equipment is less susceptible to outages which improves system reliability. Newer equipment also typically makes it easier to restore service if an outage were to occur.

System Performance

Security

Compliance

Environmental

Project No:	60002110 Misc 46kv Line									EndBal-22
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22			
110: Straight Time-General	314,187	-	-	-	-	-	-	-	314,187	
120: Overtime-General	144,620	-	-	-	-	-	-	-	144,620	
350: Material Issues-Major	623,668	-	-	-	-	-	-	-	623,668	
370: Outside Services	1,200,910	7,500	7,500	7,500	7,500	7,500	8,700	-	1,247,110	
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	
610: Expenses - General	338,882	-	-	-	-	-	-	-	338,882	
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	
807: Non Refundable Contrib	(556,450)	-	-	-	-	-	-	-	(556,450)	
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	
913: Payroll Taxes	33,416	-	-	-	-	-	-	-	33,416	
914: Pension and Benefits	111,452	-	-	-	-	-	-	-	111,452	
915: Injuries and Damages	34,862	-	-	-	-	-	-	-	34,862	
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	
921: Stores Load	33,092	-	-	-	-	-	-	-	33,092	
922: Minor Material Load	21,283	-	-	-	-	-	-	-	21,283	
925: E&S Loads	293,846	938	938	938	938	938	1,088	-	299,621	
926: A&G Loads	137,278	297	297	297	297	297	345	-	139,108	
928: AFUDC Debt	16,967	547	560	574	587	601	616	-	20,452	
929: AFUDC Equity	25,612	1,312	1,345	1,377	1,410	1,443	1,478	-	33,975	
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	
825: Closing Addition	(1,887,394)	-	-	-	-	-	(443,258)	-	(2,330,652)	
825: Closing Cost of Removal	(327,840)	-	-	-	-	-	(180,786)	-	(508,625)	
Project Net	558,391	10,593	10,639	10,685	10,732	10,778	(611,819)	-	-	

Project No:	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
	110: Straight Time-General	314,187	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	144,620	-	-	-	-	-	-	-	-	-	-	-	-	144,620
350: Material Issues-Major	623,668	-	-	-	-	-	-	-	-	-	-	-	-	623,668
370: Outside Services	1,247,110	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	8,700	1,338,310
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	338,882	-	-	-	-	-	-	-	-	-	-	-	-	338,882
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(556,450)	-	-	-	-	-	-	-	-	-	-	-	-	(556,450)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,416	-	-	-	-	-	-	-	-	-	-	-	-	33,416
914: Pension and Benefits	111,452	-	-	-	-	-	-	-	-	-	-	-	-	111,452
915: Injuries and Damages	34,862	-	-	-	-	-	-	-	-	-	-	-	-	34,862
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	33,092	-	-	-	-	-	-	-	-	-	-	-	-	33,092
922: Minor Material Load	21,283	-	-	-	-	-	-	-	-	-	-	-	-	21,283
925: E&S Loads	299,621	863	863	863	863	863	863	863	863	863	863	863	1,001	310,109
926: A&G Loads	139,108	269	269	269	269	269	269	269	269	269	269	269	312	142,382
928: AFUDC Debt	20,452	8	24	41	57	73	90	67	84	100	117	133	152	21,397
929: AFUDC Equity	33,975	10	31	52	73	94	115	86	107	128	149	170	193	35,181
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,330,652)	-	-	-	-	-	(18,497)	-	-	-	-	-	(76,021)	(2,425,169)
825: Closing Cost of Removal	(508,625)	-	-	-	-	-	(2,486)	-	-	-	-	-	(10,110)	(521,221)
Project Net	-	8,650	8,687	8,724	8,761	8,799	(12,147)	8,784	8,822	8,860	8,897	8,935	(75,773)	-

Project No:	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
	110: Straight Time-General	314,187	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	144,620	-	-	-	-	-	-	-	-	-	-	-	-	144,620
350: Material Issues-Major	623,668	-	-	-	-	-	-	-	-	-	-	-	-	623,668
370: Outside Services	1,338,310	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	8,700	1,429,510
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	338,882	-	-	-	-	-	-	-	-	-	-	-	-	338,882
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(556,450)	-	-	-	-	-	-	-	-	-	-	-	-	(556,450)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	33,416	-	-	-	-	-	-	-	-	-	-	-	-	33,416
914: Pension and Benefits	111,452	-	-	-	-	-	-	-	-	-	-	-	-	111,452
915: Injuries and Damages	34,862	-	-	-	-	-	-	-	-	-	-	-	-	34,862
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	33,092	-	-	-	-	-	-	-	-	-	-	-	-	33,092
922: Minor Material Load	21,283	-	-	-	-	-	-	-	-	-	-	-	-	21,283
925: E&S Loads	310,109	863	863	863	863	863	863	863	863	863	863	863	1,001	320,597
926: A&G Loads	142,382	326	326	326	326	326	326	326	326	326	326	326	378	146,349
928: AFUDC Debt	21,397	7	7	7	7	7	7	7	7	7	7	8	9	21,485
929: AFUDC Equity	35,181	12	12	12	12	12	13	13	13	13	13	13	15	35,334
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,425,169)	(7,627)	(7,627)	(7,627)	(7,627)	(7,627)	(7,627)	(7,628)	(7,628)	(7,628)	(7,628)	(7,628)	(9,315)	(2,518,387)
825: Closing Cost of Removal	(521,221)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,267)	(533,900)
Project Net	-	44	44	44	44	44	44	44	44	44	44	44	(479)	-

Project No: 60002317 Emergency and Aging Equip Distr

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 1/17/2017

Estimated Completion Date 1/31/2028

Description
This project blanket addresses the replacement of failing or functionally obsolete equipment, primarily at distribution stations. This will also involve purchasing specialty equipment with long lead times that cannot be acquired within a reasonable time during an emergency. Equipment purchased or replaced under this program includes medium power transformers, relays, circuit switches, and metal enclosed switchgear.

Project Need Justification
Through analysis of recent PNM equipment performance, staff knowledge, and industry information, PNM determined those items, if out of service for an extended period of time, could adversely affect our ability to provide reliable service in accordance with established NMPRC regulations. These items were then evaluated for purchase as emergency spares and/or were directly placed into service. Items purchased have included medium power transformers, relays, disconnect switches, surge arrestors, circuit switches, and metal enclosed switchgears. When an emergency occurs, PNM evaluates alternative for reinstatement of service on a case-by-case basis. A recent example of the use of this program is the unexpected failure of the Prager Unit Substation. PNM evaluated the project based on alternatives of repair, ability to reliably support the load through the underlying distribution system or use of the emergency spare program. Based on long term costs and system reliability provided, use of the emergency spare was chosen. When the emergency spare was selected to be put into permanent service at Prager, another transformer was ordered for the emergency program.

Project Alternatives
An alternative to this project is to do nothing. If this were pursued, PNM would replace equipment when it fails and would only purchase equipment when needed. By not being proactive and replacing equipment before failure, PNM's system would be more susceptible to outages once the equipment fails and may result in the need to reconfigure the system, loss of redundancy, and loss of service during the time it takes to install new equipment. Given the long lead time associated with some some pieces of equipment, the do nothing option would increase the risk of not being able to obtain the needed equipment in a timely manner which could impact reliability, increase safety risks to Company personnel and the public.

Project Estimate Approach
PNM utilized existing long-term agreements for the purchase of larger items such as transformers, switchgear, and relays. Pricing has been and will continue to be evaluated at the time of development/renewal of the agreement. Other items were competitively priced from known quality vendors. Construction is performed under established unit rate contracts with known specialty firms. Where possible, historic data was used to assist in developing these estimates. Less than 5% of the project budget is associated with direct PNM labor. Approximately 40% of the cost will go towards the purchase of industry standard items such as circuit switches, and relays. The remaining 55% is associated with specialty work including engineered equipment (e.g., medium voltage transformers, metal enclosed switchgear) and contracted construction labor for the installation.

Customer Benefit
Customers benefit from reduced system downtime and outages which increases overall system reliability.

Primary Value Driver Safety

Safety By replacing aging equipment PNM will reduce the risk of employee/public safety incidents and damage to public/Company property.

Reliability Replacing aging equipment reduces risks of outages and contributes to SAIDI improvements. Having critical equipment with long lead times on hand reduces the amount of time needed waiting for the equipment which reduces the duration of outages.

System Performance

Security

Compliance

Environmental

Project No:	60002317 Emergency and Aging Equip Distr							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	51,478
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	127,655
370: Outside Services	-	-	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	281,043
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	23,373
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	352	352	352	352	352	352	352	352	352	352	352	3,876
914: Pension and Benefits	-	-	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	11,855
915: Injuries and Damages	-	-	466	466	466	466	466	466	466	466	466	466	466	5,122
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	36,185
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	58,006
926: A&G Loads	-	-	1,578	1,578	1,578	1,578	1,578	1,578	1,578	1,578	1,578	1,578	1,578	17,359
928: AFUDC Debt	-	-	52	157	263	369	476	370	477	584	692	800	908	5,149
929: AFUDC Equity	-	-	67	201	335	471	607	473	609	745	882	1,020	1,159	6,568
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(99,751)	-	-	-	-	-	(454,003)	(553,755)
825: Closing Cost of Removal	-	-	-	-	-	-	(13,439)	-	-	-	-	-	(60,475)	(73,914)
Project Net	-	-	56,115	56,354	56,594	56,835	(56,113)	56,839	57,081	57,325	57,570	57,816	(456,416)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	51,478	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	4,680	107,635
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	127,655	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	11,605	266,915
370: Outside Services	281,043	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	25,549	587,634
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	23,373	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	48,872
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,876	352	352	352	352	352	352	352	352	352	352	352	352	8,105
914: Pension and Benefits	11,855	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	24,788
915: Injuries and Damages	5,122	466	466	466	466	466	466	466	466	466	466	466	466	10,710
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,185	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	3,290	75,660
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	58,006	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	5,273	121,286
926: A&G Loads	17,359	1,912	1,912	1,912	1,912	1,912	1,912	1,912	1,912	1,912	1,912	1,912	1,912	40,306
928: AFUDC Debt	5,149	45	134	224	314	404	495	370	461	552	644	736	829	10,357
929: AFUDC Equity	6,568	77	232	388	544	701	859	641	799	957	1,116	1,276	1,437	15,595
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(553,755)	-	-	-	-	-	(120,735)	-	-	-	-	-	(488,343)	(1,162,832)
825: Closing Cost of Removal	(73,914)	-	-	-	-	-	(16,223)	-	-	-	-	-	(64,892)	(155,029)
Project Net	0	56,452	56,696	56,941	57,187	57,435	(79,274)	57,341	57,590	57,839	58,090	58,342	(494,639)	-

Project No: 60002342 Replace 17 MVA Mobile Transf-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2022

Description
As part of the "Wired For the Future" initiative, this project is to replace the aging 17MVA Mobile Substation to an upgraded and modernized solution. The project will follow a phased approach due to extended lead time for this item. Phase 1 includes finalization of the mobile substation specification through the assistance of a third party consultant, as well as complete an RFP process, and place an order with the selected bidder. Phase 2 involves completing the purchase and install of the unit for commissioning in 2022. Mobile substations are a critical part of the utility's risk planning and ensures the company is prepared to deploy this equipment in the case of a significant failure of a substation.

Project Need Justification
The mobile substation is utilized by PNM as an in-house effort to promote high reliability. Amongst the various applications of a mobile substation, PNM is able to leverage its own internal expertise to deploy these units to various locations for purposes such as scheduled maintenance where customer outages are required, system load support, and emergencies for unplanned outage situations involving system equipment failures and/or damage/destruction from intention or unintentional acts.

The assessment conducted by the project team determined there is a need for the replacement of the 17MVA mobile substation due to the aging of this equipment. The existing mobile substation is a year 2000 vintage, making it over 20 years old. For a mobile substation application, the current unit has been assessed to be out of date for safety and reliability purposes, and offers limited capability and capacity over what is available today. Replacing this unit with a more modern unit provides PNM with not only a mobile substation with increased MVA capacity, but broader application in various situations with greater system KV versatility for various mobile substation requirements across the PNM system, and increased reliability and safety.

Project Alternatives
The alternative is to upgrade the existing mobile substation. This alternative was assessed and considered not-viable as it is not cost effective.

Project Estimate Approach
CCost estimate approach incorporated the use of the RFP process to gather vendor quotes as well as the costs of utilizing both internal and external PNM resources, such as engineering, project management, and contractor support. Other costs considered include expenses for factory testing, witnessing, and inspections.

Customer Benefit
The project results in improved system reliability and promotes the ability to meet load demand in the event of an unplanned outage. This directly benefits customers who would be affected in the event of an outage.

Primary Value Driver System Performance

Safety

Reliability The ability to deploy an up-to-date mobile substation to pick up lost load due to an unplanned outage provides improved reliability.

System Performance

Security

Compliance

Environmental

Project No:	60002342 Replace 17 MVA Mobile Transf-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	17,396	5,000	5,000	15,000	-	-	5,000	47,396
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,937,055	-	-	-	-	-	-	2,937,055
370: Outside Services	66,452	17,777	17,777	17,777	17,777	17,777	17,777	173,114
374: Outside Services Legal	759	-	-	-	-	-	-	759
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3,004	-	-	-	-	-	-	3,004
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,317	379	379	1,136	-	-	379	3,588
914: Pension and Benefits	3,830	1,076	1,076	3,228	-	-	1,076	10,286
915: Injuries and Damages	1,485	428	428	1,284	-	-	428	4,053
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	86,551	-	-	-	-	-	-	86,551
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	324,004	3,082	3,082	4,803	2,222	2,222	3,082	342,498
926: A&G Loads	120,680	902	902	1,298	704	704	902	126,092
928: AFUDC Debt	24,589	5,190	5,251	5,321	5,387	5,439	5,496	56,673
929: AFUDC Equity	76,058	12,457	12,602	12,772	12,931	13,054	13,191	153,065
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(3,923,511)	(3,923,511)
825: Closing Cost of Removal	-	-	-	-	-	-	(20,624)	(20,624)
Project Net	3,663,179	46,291	46,497	62,619	39,021	39,197	(3,896,804)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	47,396	-	-	-	-	-	-	-	-	-	-	-	-	47,396
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,937,055	-	-	-	-	-	-	-	-	-	-	-	-	2,937,055
370: Outside Services	173,114	-	-	-	-	-	-	-	-	-	-	-	-	173,114
374: Outside Services Legal	759	-	-	-	-	-	-	-	-	-	-	-	-	759
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,004	-	-	-	-	-	-	-	-	-	-	-	-	3,004
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,588	-	-	-	-	-	-	-	-	-	-	-	-	3,588
914: Pension and Benefits	10,286	-	-	-	-	-	-	-	-	-	-	-	-	10,286
915: Injuries and Damages	4,053	-	-	-	-	-	-	-	-	-	-	-	-	4,053
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	86,551	-	-	-	-	-	-	-	-	-	-	-	-	86,551
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	342,498	-	-	-	-	-	-	-	-	-	-	-	-	342,498
926: A&G Loads	126,092	-	-	-	-	-	-	-	-	-	-	-	-	126,092
928: AFUDC Debt	56,673	-	-	-	-	-	-	-	-	-	-	-	-	56,673
929: AFUDC Equity	153,065	-	-	-	-	-	-	-	-	-	-	-	-	153,065
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,923,511)	-	-	-	-	-	-	-	-	-	-	-	-	(3,923,511)
825: Closing Cost of Removal	(20,624)	-	-	-	-	-	-	-	-	-	-	-	-	(20,624)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	47,396	-	-	-	-	-	-	-	-	-	-	-	-	47,396
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,937,055	-	-	-	-	-	-	-	-	-	-	-	-	2,937,055
370: Outside Services	173,114	-	-	-	-	-	-	-	-	-	-	-	-	173,114
374: Outside Services Legal	759	-	-	-	-	-	-	-	-	-	-	-	-	759
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,004	-	-	-	-	-	-	-	-	-	-	-	-	3,004
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,588	-	-	-	-	-	-	-	-	-	-	-	-	3,588
914: Pension and Benefits	10,286	-	-	-	-	-	-	-	-	-	-	-	-	10,286
915: Injuries and Damages	4,053	-	-	-	-	-	-	-	-	-	-	-	-	4,053
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	86,551	-	-	-	-	-	-	-	-	-	-	-	-	86,551
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	342,498	-	-	-	-	-	-	-	-	-	-	-	-	342,498
926: A&G Loads	126,092	-	-	-	-	-	-	-	-	-	-	-	-	126,092
928: AFUDC Debt	56,673	-	-	-	-	-	-	-	-	-	-	-	-	56,673
929: AFUDC Equity	153,065	-	-	-	-	-	-	-	-	-	-	-	-	153,065
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,923,511)	-	-	-	-	-	-	-	-	-	-	-	-	(3,923,511)
825: Closing Cost of Removal	(20,624)	-	-	-	-	-	-	-	-	-	-	-	-	(20,624)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60002343 Livefront Transformer Repl-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 80%
Santa Fe 20%

Estimated Start Date 1/1/2021

Estimated Completion Date 9/1/2022

Description In an effort to improve the safety of PNM personnel and system reliability across the territory, PNM plans to replace live front padmounted transformers with dead front padmounted transformers.

Project Need Justification There is a known and inherent safety risk when performing the work associated with live front padmounted transformers because the primary side of the transformer is exposed with energized parts. By replacing these transformers with dead front padmounted transformers, PNM's personnel safety and restoration times are improved.

Project Alternatives The only alternative is a do-nothing approach. This approach was not considered as it does not address the inherent safety issues and the extended outage times that exist with these types of transformers. This project is a proactive measure to reduce risk and reduce System Average Interruption Duration Index (SAIDI) minutes.

Project Estimate Approach The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, service, and engineering design, as applicable.

Customer Benefit Customers benefit through improved system reliability that comes from reduced restoration times.

Primary Value Driver Safety
Safety Replacing live front padmounted transformers with dead front padmounted transformers is a proactive way to reduce the risks that PNM personnel face when the currently perform work on live front padmounted transformers.

Reliability Dead front padmounted transformers are safer to work with and allow PNM personnel to restore power quicker, reducing restoration times and providing customers with enhanced reliability.

System Performance

Security

Compliance

Environmental

Project No:	60002343 Livefront Transformer Repl-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,403	-	-	-	-	-	-	2,403
120: Overtime-General	519	-	-	-	-	-	-	519
350: Material Issues-Major	10,716	-	-	-	-	-	-	10,716
370: Outside Services	447,594	-	-	-	-	-	-	447,594
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	280	-	-	-	-	-	-	280
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	219	-	-	-	-	-	-	219
914: Pension and Benefits	645	-	-	-	-	-	-	645
915: Injuries and Damages	228	-	-	-	-	-	-	228
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,290	-	-	-	-	-	-	2,290
922: Minor Material Load	1,119	-	-	-	-	-	-	1,119
925: E&S Loads	38,940	-	-	-	-	-	-	38,940
926: A&G Loads	20,057	-	-	-	-	-	-	20,057
928: AFUDC Debt	1,385	703	706	710	-	-	-	3,505
929: AFUDC Equity	4,213	1,687	1,696	1,704	-	-	-	9,300
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(28,470)	-	-	(505,134)	-	-	-	(533,604)
825: Closing Cost of Removal	-	-	-	(4,212)	-	-	-	(4,212)
Project Net	502,140	2,391	2,402	(506,933)	-	-	-	(0)

Project No:	60002343 Livefront Transformer Repl-WFF													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	2,403	-	-	-	-	-	-	-	-	-	-	-	-	2,403
120: Overtime-General	519	-	-	-	-	-	-	-	-	-	-	-	-	519
350: Material Issues-Major	10,716	-	-	-	-	-	-	-	-	-	-	-	-	10,716
370: Outside Services	447,594	-	-	-	-	-	-	-	-	-	-	-	-	447,594
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	280	-	-	-	-	-	-	-	-	-	-	-	-	280
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	219	-	-	-	-	-	-	-	-	-	-	-	-	219
914: Pension and Benefits	645	-	-	-	-	-	-	-	-	-	-	-	-	645
915: Injuries and Damages	228	-	-	-	-	-	-	-	-	-	-	-	-	228
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,290	-	-	-	-	-	-	-	-	-	-	-	-	2,290
922: Minor Material Load	1,119	-	-	-	-	-	-	-	-	-	-	-	-	1,119
925: E&S Loads	38,940	-	-	-	-	-	-	-	-	-	-	-	-	38,940
926: A&G Loads	20,057	-	-	-	-	-	-	-	-	-	-	-	-	20,057
928: AFUDC Debt	9,300	-	-	-	-	-	-	-	-	-	-	-	-	9,300
929: AFUDC Equity	9,300	-	-	-	-	-	-	-	-	-	-	-	-	9,300
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(533,604)	-	-	-	-	-	-	-	-	-	-	-	-	(533,604)
825: Closing Cost of Removal	(4,212)	-	-	-	-	-	-	-	-	-	-	-	-	(4,212)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	60002343 Livefront Transformer Repl-WFF													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	2,403	-	-	-	-	-	-	-	-	-	-	-	-	2,403
120: Overtime-General	519	-	-	-	-	-	-	-	-	-	-	-	-	519
350: Material Issues-Major	10,716	-	-	-	-	-	-	-	-	-	-	-	-	10,716
370: Outside Services	447,594	-	-	-	-	-	-	-	-	-	-	-	-	447,594
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	280	-	-	-	-	-	-	-	-	-	-	-	-	280
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	219	-	-	-	-	-	-	-	-	-	-	-	-	219
914: Pension and Benefits	645	-	-	-	-	-	-	-	-	-	-	-	-	645
915: Injuries and Damages	228	-	-	-	-	-	-	-	-	-	-	-	-	228
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,290	-	-	-	-	-	-	-	-	-	-	-	-	2,290
922: Minor Material Load	1,119	-	-	-	-	-	-	-	-	-	-	-	-	1,119
925: E&S Loads	38,940	-	-	-	-	-	-	-	-	-	-	-	-	38,940
926: A&G Loads	20,057	-	-	-	-	-	-	-	-	-	-	-	-	20,057
928: AFUDC Debt	3,505	-	-	-	-	-	-	-	-	-	-	-	-	3,505
929: AFUDC Equity	9,300	-	-	-	-	-	-	-	-	-	-	-	-	9,300
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(533,604)	-	-	-	-	-	-	-	-	-	-	-	-	(533,604)
825: Closing Cost of Removal	(4,212)	-	-	-	-	-	-	-	-	-	-	-	-	(4,212)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60002420 Distr Switchgear Break Replacements

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 75%
Sandoval 25%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2026

Description
This project provides for numerous small distribution facility improvements including the design and replacement of outdated underground pad mounted switchgears. In an effort to improve safety and system reliability, PNM is replacing live front padmounted switchgears with dead front padmounted switchgears. Live front means that the switchgear has exposed energized parts inside both the switch bays and fuse bays. Older style switchgears pose an operational and safety hazard. In addition, they are a reliability exposure. These identified switchgears will be replaced with dead front padmounted switchgears. Dead front means that the switchgear will not have any exposed energized parts and allow PNM to break load thus providing additional employee safety when accessing the switchgear and installation. For all new padmounted switchgear installations, a dead front is the PNM standard.

Project Need Justification
Switchgear flashovers and fires have occurred in past due to the nature of the live front gear and access to energized equipment contact by rodents. In addition, unexpected outages associated with these switchgear can be very lengthy and thus increasing restoration times and System Average Interruption Duration Index (SAIDI) minutes.

Project Alternatives
The alternative to this project is to leave the existing outdated, unsafe underground pad mounted switchgears in place and only replace the equipment as the infrastructure fails. This can cause lengthy outages and restoration times and increase the amount of SAIDI minutes for PNM.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards. The estimate also took into account the total number of switches.

Customer Benefit
Customers benefit through reduced outage frequency and duration, maintained service integrity, and enhanced system reliability.

Primary Value Driver
Safety
Replacing the pad mounted switchgears eliminates safety issues, such as flash-overs, attributed to the existing switchgears installed on the system. This improves safety for PNM personnel and the general public.

Reliability
This project helps maintain the integrity of the underground and pad mounted switchgear in PNM's distribution system, increasing reliability and reducing SAIDI minutes.

System Performance

Security

Compliance

Environmental

Project No:	60002420 Distr Switchgear Break Replacements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	12,732	20,833	20,833	20,833	20,833	24,000	20,833	140,897
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	184,491	25,000	25,000	25,000	25,000	12,500	12,500	309,491
370: Outside Services	218,632	16,600	16,600	16,600	16,600	8,300	8,300	301,632
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	984	-	-	-	-	-	-	984
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	966	1,577	1,577	1,577	1,577	1,817	1,577	10,668
914: Pension and Benefits	3,059	4,483	4,483	4,483	4,483	5,165	4,483	30,640
915: Injuries and Damages	1,128	1,783	1,783	1,783	1,783	2,054	1,783	12,099
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	14,713	6,704	6,704	6,704	6,704	3,352	3,352	48,232
922: Minor Material Load	9,748	-	-	-	-	-	-	9,748
925: E&S Loads	42,583	8,785	8,785	8,785	8,785	6,730	6,185	90,635
926: A&G Loads	22,333	2,472	2,472	2,472	2,472	1,774	1,649	35,645
928: AFUDC Debt	4,263	67	177	288	399	496	577	6,267
929: AFUDC Equity	13,475	162	426	691	957	1,191	1,385	18,287
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(422,075)	-	-	-	-	-	(437,471)	(859,547)
825: Closing Cost of Removal	3	-	-	-	-	-	(155,681)	(155,678)
Project Net	107,033	88,466	88,840	89,216	89,593	67,379	(530,528)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	140,897	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	320,897
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	309,491	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	429,491
370: Outside Services	301,632	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	421,632
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	984	-	-	-	-	-	-	-	-	-	-	-	-	984
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	10,668	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	24,222
914: Pension and Benefits	30,640	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	72,094
915: Injuries and Damages	12,099	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	30,009
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	48,232	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	82,247
922: Minor Material Load	9,748	-	-	-	-	-	-	-	-	-	-	-	-	9,748
925: E&S Loads	90,635	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	147,321
926: A&G Loads	35,645	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	50,723
928: AFUDC Debt	6,267	47	140	234	329	424	519	615	711	808	905	1,003	1,101	13,104
929: AFUDC Equity	18,287	60	179	299	419	540	662	784	907	1,031	1,155	1,279	1,405	27,007
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(859,547)	-	-	-	-	-	-	-	-	-	-	-	(542,410)	(1,401,956)
825: Closing Cost of Removal	(155,678)	-	-	-	-	-	-	-	-	-	-	-	(71,844)	(227,522)
Project Net	-	49,998	50,211	50,424	50,639	50,856	51,073	51,291	51,510	51,730	51,951	52,174	(561,856)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	320,897	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	500,897
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	429,491	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	549,491
370: Outside Services	421,632	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	541,632
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	984	-	-	-	-	-	-	-	-	-	-	-	-	984
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	24,222	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	1,130	37,776
914: Pension and Benefits	72,094	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	113,548
915: Injuries and Damages	30,009	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	1,493	47,919
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	82,247	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	2,835	116,262
922: Minor Material Load	9,748	-	-	-	-	-	-	-	-	-	-	-	-	9,748
925: E&S Loads	147,321	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	204,006
926: A&G Loads	50,723	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	68,993
928: AFUDC Debt	13,104	40	119	199	279	360	441	523	605	687	769	853	936	18,914
929: AFUDC Equity	27,007	69	207	345	484	624	765	906	1,048	1,191	1,334	1,478	1,623	37,079
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,401,956)	-	-	-	-	-	-	-	-	-	-	-	(545,545)	(1,947,501)
825: Closing Cost of Removal	(227,522)	-	-	-	-	-	-	-	-	-	-	-	(72,227)	(299,749)
Project Net	0	50,266	50,483	50,702	50,921	51,142	51,363	51,586	51,810	52,035	52,261	52,488	(565,055)	-

Project No: 60002442 Not in Service Conductors-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

Estimated Start Date 1/1/2021
Estimated Completion Date 12/31/2022

County %		
	Bernalillo	40%
	San Miguel	10%
	Valencia	20%
	Santa Fe	20%
	Sandoval	10%

Description
In an effort to improve safety and system reliability across PNM's territory, in 2020 PNM was asked by the New Mexico Public Regulation Commission (NMPRC) to evaluate PNM's overhead conductors that were not in service and present the findings. PNM found instances where primary conductors that previously were either two-phase or three-phase are being used as one-phase, but the other phases are still present. To remedy this, PNM plans to either redesign the overhead conductor to keep functionality as one-phase, two-phase or three-phase or fully remove it from the system.

Project Need Justification
With the completion of this remedy work, PNM will reduce these conductors' contributions to outages, reduce the maintenance on PNM facilities, clean up PNM's Drafting and Geographic Information Systems (DGIS) system, and reduce the safety risk associated with work executed by PNM personnel.

Project Alternatives
An alternative approach would be to do nothing. This is not advised as it will lead to increased conductor contributions outages and does nothing to address the safety issues associated with the not in use conductors.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
Customers benefit through reduced conductor related outages, enhancing overall reliability.

Primary Value Driver
Safety
This project increases the safety of the PNM personnel and crews working around not in use conductors and provide a more accurate Drafting and Geographic Information System depicting the electrical grid.

Reliability
This project drives a decrease in conductor related outages, positively benefiting customers and improving system reliability.

System Performance

Security

Compliance

Environmental

Project No:	60002442 Not in Service Conductors-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	50,589	1,583	923	1,583	923	1,583	923	58,108
120: Overtime-General	2,088	-	18	-	18	-	18	2,143
350: Material Issues-Major	248,154	28,781	2,684	28,781	2,684	28,781	2,684	342,549
370: Outside Services	2,506,257	85,523	54,760	85,523	54,760	85,523	54,760	2,927,107
374: Outside Services Legal	-	1,378	193	1,378	193	1,378	193	4,714
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	24,911	-	-	-	-	-	-	24,911
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,974	120	71	120	71	120	71	4,547
914: Pension and Benefits	11,585	341	203	341	203	341	203	13,215
915: Injuries and Damages	4,340	136	81	136	81	136	81	4,988
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	19,307	7,718	720	7,718	720	7,718	720	44,619
922: Minor Material Load	23,889	-	-	-	-	-	-	23,889
925: E&S Loads	263,442	14,733	7,367	14,733	7,367	14,733	7,367	329,740
926: A&G Loads	141,112	4,644	2,320	4,644	2,320	4,644	2,320	162,003
928: AFUDC Debt	2,468	333	467	603	739	875	1,013	6,497
929: AFUDC Equity	7,929	798	1,122	1,447	1,773	2,101	2,431	17,601
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(1,642,009)	-	-	-	-	-	(751,229)	(2,393,238)
825: Closing Cost of Removal	(183,623)	-	-	-	-	-	(1,389,770)	(1,573,393)
Project Net	1,484,415	146,086	70,928	147,004	71,851	147,932	(2,068,216)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	58,108	-	-	-	-	-	-	-	-	-	-	-	-	58,108
120: Overtime-General	2,143	-	-	-	-	-	-	-	-	-	-	-	-	2,143
350: Material Issues-Major	342,549	-	-	-	-	-	-	-	-	-	-	-	-	342,549
370: Outside Services	2,927,107	-	-	-	-	-	-	-	-	-	-	-	-	2,927,107
374: Outside Services Legal	4,714	-	-	-	-	-	-	-	-	-	-	-	-	4,714
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	24,911	-	-	-	-	-	-	-	-	-	-	-	-	24,911
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,547	-	-	-	-	-	-	-	-	-	-	-	-	4,547
914: Pension and Benefits	13,215	-	-	-	-	-	-	-	-	-	-	-	-	13,215
915: Injuries and Damages	4,988	-	-	-	-	-	-	-	-	-	-	-	-	4,988
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	44,619	-	-	-	-	-	-	-	-	-	-	-	-	44,619
922: Minor Material Load	23,889	-	-	-	-	-	-	-	-	-	-	-	-	23,889
925: E&S Loads	329,740	-	-	-	-	-	-	-	-	-	-	-	-	329,740
926: A&G Loads	162,003	-	-	-	-	-	-	-	-	-	-	-	-	162,003
928: AFUDC Debt	6,497	-	-	-	-	-	-	-	-	-	-	-	-	6,497
929: AFUDC Equity	17,601	-	-	-	-	-	-	-	-	-	-	-	-	17,601
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,393,238)	-	-	-	-	-	-	-	-	-	-	-	-	(2,393,238)
825: Closing Cost of Removal	(1,573,393)	-	-	-	-	-	-	-	-	-	-	-	-	(1,573,393)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	58,108	-	-	-	-	-	-	-	-	-	-	-	-	58,108
120: Overtime-General	2,143	-	-	-	-	-	-	-	-	-	-	-	-	2,143
350: Material Issues-Major	342,549	-	-	-	-	-	-	-	-	-	-	-	-	342,549
370: Outside Services	2,927,107	-	-	-	-	-	-	-	-	-	-	-	-	2,927,107
374: Outside Services Legal	4,714	-	-	-	-	-	-	-	-	-	-	-	-	4,714
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	24,911	-	-	-	-	-	-	-	-	-	-	-	-	24,911
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,547	-	-	-	-	-	-	-	-	-	-	-	-	4,547
914: Pension and Benefits	13,215	-	-	-	-	-	-	-	-	-	-	-	-	13,215
915: Injuries and Damages	4,988	-	-	-	-	-	-	-	-	-	-	-	-	4,988
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	44,619	-	-	-	-	-	-	-	-	-	-	-	-	44,619
922: Minor Material Load	23,889	-	-	-	-	-	-	-	-	-	-	-	-	23,889
925: E&S Loads	329,740	-	-	-	-	-	-	-	-	-	-	-	-	329,740
926: A&G Loads	162,003	-	-	-	-	-	-	-	-	-	-	-	-	162,003
928: AFUDC Debt	6,497	-	-	-	-	-	-	-	-	-	-	-	-	6,497
929: AFUDC Equity	17,601	-	-	-	-	-	-	-	-	-	-	-	-	17,601
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,393,238)	-	-	-	-	-	-	-	-	-	-	-	-	(2,393,238)
825: Closing Cost of Removal	(1,573,393)	-	-	-	-	-	-	-	-	-	-	-	-	(1,573,393)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60002521 Prosperity Substation

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2025

Description
Prosperity Substation is a new 115-12.47 kV distribution substation located in Bernalillo County, New Mexico, East of I-25 and South of Los Picaros Road in Albuquerque, New Mexico. The project will be constructed on PNM-owned property and will include the construction of a double circuit 115 kV transmission line from the existing Person to Sandia (PS) transmission line into the Prosperity Substation, the installation of one (1) 115-12.47kV, 33.6 MVA substation transformer, the installation of a 12.47kV four-feeder distributing substation switchgear with tie breaker, the construction of four (4) 12.47kV distribution feeders, and the installation of four (4) 115 kV breakers in a breaker and a half configuration. Site construction includes site grading and drainage, along with retaining walls.

Project Need Justification
This project is needed to ensure that PNM can maintain electrical service to customers during planned or unplanned outage of the Studio Substation. Presently, for an outage of the Studio Substation, the Studio Substation loads are transferred to Sewer Plant Substation via Sewer Plant Feeder 14. Sewer Plant Feeder 14 is the only feeder-tie available to provide back-up to the Studio Substation loads during a Studio Substation outage. After the addition of new known loads on Studio Substation, planning studies show that the transfer of Studio Substation loads to Sewer Plant Feeder 14 during a Studio Substation outage would result in conductor loading above PNM's Operation Planning Criteria rating of 550 amps. Because of the conductor overloads, a portion of the Studio Substation load will remain unserved until the outage is resolved. A new substation is required to ensure PNM can maintain electrical service to customers during a Studio Substation outage and to facilitate planned load growth in the area. This project is in line with PNM's strategy to design a distribution system that meets or exceeds standard utility practices and to maintain adequate and reliable service to new and existing PNM loads by limiting customer exposure to outages.

Project Alternatives
PNM considered four options. Three alternatives were short-term solutions that would require re-evaluating the existing and future load demand for the area as well as additional facilities in the future. Additionally, the do-nothing approach was not considered. This approach was not considered because there is insufficient capacity in the area to facilitate backing-up the Studio Substation loads during a Studio Substation outage. Moreover, this project will provide additional substation feeder capacity to serve existing load and to support future load growth.

The first alternative explored was building a feeder-tie from Louden Hills feeder 12 to Studio feeder 11; however, the existing Louden Hill substation transformer has insufficient capacity to serve additional load. This option does not facilitate serving future growth in the area and does not limit customer exposure to single contingency events and therefore this option does not maintain safe and reliable service to new and existing customers.

The second alternative was to upgrade the Louden Hills Substation transformer and switchgear. The upgrade would also include connecting Louden Hills substation to the AT 115 kV transmission line through a double circuit line into the substation. Two new feeders would be built to serve the area loads and to provide back-up in the event of a Studio Substation outage; however, the Louden Hills Substation site is not large enough to accommodate the equipment needed and expansion of the site is not possible because there is no available property adjacent to the Louden Hills Substation site.

The third alternative was to install a second transformer and related switchgear at Studio Substation. The project would also include looping the existing 115 kV radial transmission line to the substation. However, the Studio Substation does not have sufficient space to accommodate a second transformer, switchgear and breakers.

Project Estimate Approach
The project estimate was developed by evaluating historical data from similar projects that were built by PNM. Specifically, the project estimate was developed under the assumption that a combination of internal and external labor would be used for both engineering and construction. The project estimate is also inclusive of transmission and distribution assets.

Customer Benefit
This Project will increase the available area feeder and substation transformer capacity in PNM's Albuquerque southeast service territory, which will ensure that PNM can maintain adequate and reliable service to customers in the event of a Studio Substation outage. This project is in line with PNM's strategy to design a distribution system that meets or exceeds standard utility practices and to maintain adequate and reliable service to new and existing PNM loads by limiting customer exposure to outages.

Primary Value Driver Compliance

Safety

Reliability
This project will increase the available area feeder and substation transformer capacity in PNM's Albuquerque Southeast service territory, which will ensure that PNM can maintain adequate and reliable service to customers in the event of a Studio Substation outage. This project is in line with PNM's strategy to design a distribution system that meets or exceeds standard utility practices and to maintain adequate and reliable service to new and existing PNM loads by limiting customer exposure to outages.

System Performance

Security

Compliance

Environmental

Project No:	60002521 Prosperity Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	48,337	-	64,047	64,047	64,047	64,047	64,047	368,570
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	346,777	-	-	-	-	-	-	346,777
370: Outside Services	1,455,134	-	576,419	576,419	576,419	576,419	576,419	4,337,227
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	2,764	-	-	-	-	-	-	2,764
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,639	-	4,848	4,848	4,848	4,848	4,848	27,881
914: Pension and Benefits	10,409	-	13,783	13,783	13,783	13,783	13,783	79,323
915: Injuries and Damages	3,889	-	5,482	5,482	5,482	5,482	5,482	31,301
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	8,473	-	-	-	-	-	-	8,473
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	55,657	-	83,072	83,072	83,072	83,072	83,072	471,018
926: A&G Loads	22,937	-	25,362	25,362	25,362	25,362	25,362	149,749
928: AFUDC Debt	12,712	2,837	3,331	4,307	5,288	6,274	7,265	42,014
929: AFUDC Equity	38,488	6,809	7,994	10,338	12,693	15,059	17,437	108,817
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	2,009,216	9,645	784,338	787,658	790,994	794,347	797,715	5,973,913

Project No:	60002521 Prosperity Substation													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	368,570	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	568,570
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	346,777	-	-	-	-	-	-	-	-	-	-	-	-	346,777
370: Outside Services	4,337,227	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	6,137,227
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,764	-	-	-	-	-	-	-	-	-	-	-	-	2,764
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	27,881	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	42,941
914: Pension and Benefits	79,323	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	125,383
915: Injuries and Damages	31,301	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	51,201
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,473	-	-	-	-	-	-	-	-	-	-	-	-	8,473
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	471,018	19,943	19,943	19,943	19,943	19,943	19,943	19,943	19,943	19,943	19,943	19,943	19,943	710,336
926: A&G Loads	149,749	5,983	5,983	5,983	5,983	5,983	5,983	5,983	5,983	5,983	5,983	5,983	5,983	221,549
928: AFUDC Debt	42,014	11,901	12,331	12,764	13,198	13,635	14,074	14,515	14,958	15,404	15,851	16,301	16,753	213,699
929: AFUDC Equity	108,817	15,181	15,730	16,282	16,836	17,394	17,954	18,516	19,081	19,650	20,220	20,794	21,370	327,825
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(8,005,718)	(8,005,718)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(751,026)	(751,026)
Project Net	5,973,913	226,426	227,406	228,390	229,380	230,374	231,372	232,376	233,385	234,398	235,416	236,439	(8,519,276)	-

Project No:	60002521 Prosperity Substation													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	568,570	118,943	118,943	118,943	118,943	118,943	118,943	118,943	118,943	118,943	118,943	118,943	118,943	1,995,889
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	346,777	-	-	-	-	-	-	-	-	-	-	-	-	346,777
370: Outside Services	6,137,227	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	237,500	8,987,227
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,764	-	-	-	-	-	-	-	-	-	-	-	-	2,764
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	42,941	8,956	8,956	8,956	8,956	8,956	8,956	8,956	8,956	8,956	8,956	8,956	8,956	150,418
914: Pension and Benefits	125,383	27,393	27,393	27,393	27,393	27,393	27,393	27,393	27,393	27,393	27,393	27,393	27,393	454,094
915: Injuries and Damages	51,201	11,835	11,835	11,835	11,835	11,835	11,835	11,835	11,835	11,835	11,835	11,835	11,835	193,220
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,473	-	-	-	-	-	-	-	-	-	-	-	-	8,473
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	710,336	46,532	46,532	46,532	46,532	46,532	46,532	46,532	46,532	46,532	46,532	46,532	46,532	1,268,721
926: A&G Loads	221,549	15,505	15,505	15,505	15,505	15,505	15,505	15,505	15,505	15,505	15,505	15,505	15,505	407,612
928: AFUDC Debt	213,699	369	1,109	1,852	2,599	3,350	4,104	4,863	5,624	6,390	7,159	7,932	8,709	267,761
929: AFUDC Equity	327,825	640	1,922	3,211	4,506	5,807	7,115	8,429	9,750	11,077	12,410	13,750	15,097	421,537
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(8,005,718)	-	-	-	-	-	-	-	-	-	-	-	-	(8,005,718)
825: Closing Cost of Removal	(751,026)	-	-	-	-	-	-	-	-	-	-	-	-	(751,026)
Project Net	-	467,673	469,695	471,727	473,770	475,822	477,884	479,956	482,039	484,131	486,234	488,348	490,471	5,747,750

Project No: 60002619 Sagebrush Station-Distribution

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2019

Estimated Completion Date 12/31/2024

Description
This project consists of the construction of a new 115kV distribution substation in Southeast Albuquerque. The driver for this project was an extended outage at the Albuquerque Sunport in March of 2019. Although this outage was caused by a failed distribution termination in a manhole located on the Albuquerque Sunport property, it brought up many concerns with the reliability of PNM's service to the airport. The Albuquerque Sunport currently is fed by a single distribution substation which increases future outage risk in the event of a failure at that substation. The project will include the installation of two new distribution transformers, two new metalclad switchgears, up to four 115kV breakers, and all other necessary material to complete the project. Once completed the two new unit substations will provide redundant sources of power to the Albuquerque Sunport and will provide the ability to sectionalize the transmission line in the event of a transmission outage. Additionally, plans call for this new substation to be fed by a second transmission source in the future.

Project Need Justification
The March 2019 outage exposed the vulnerability of the both the distribution and transmission systems that feed the Albuquerque Sunport. A second distribution substation will create redundancy and improve reliability for the Albuquerque Sunport and the thousands of passengers who travel through it daily.

Project Alternatives
This is no alternative to this project. There would be unreasonable risks of losing power to the Albuquerque Sunport for extended periods of time.

Project Estimate Approach
This project cost estimate is based on prior similar estimates developed for other standard substations. Additions for the cost of land and a 5% contingency are included as well.

Customer Benefit
This project is a benefit for not only PNM customers, but for all who may use the Albuquerque Sunport. Thousands of people as well as major logistics companies use the Sunport daily. Providing a second source of power will create redundancy, increase reliability, and decrease outage time.

Primary Value Driver Reliability

Safety

Reliability Installation of a new substation near the Albuquerque Sunport will create redundancy and improve reliability and capacity in the area.

System Performance

Security

Compliance

Environmental

Project No:	60002619 Sagebrush Station-Distribution							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	127,480	98,784	50,277	50,277	50,277	50,277	50,277	477,650
120: Overtime-General	1,543	-	-	-	-	-	-	1,543
350: Material Issues-Major	2,309,863	-	-	-	-	-	-	2,309,863
370: Outside Services	985,928	889,059	452,494	452,494	452,494	452,494	452,494	4,137,457
374: Outside Services Legal	143,811	-	-	-	-	-	-	143,811
377: Outside Svcs-Temp Labor	71	-	-	-	-	-	-	71
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	6,082	-	-	-	-	-	-	6,082
805: Land and Land Rights	46,097	-	-	-	-	-	-	46,097
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	9,857	7,478	3,806	3,806	3,806	3,806	3,806	36,365
914: Pension and Benefits	29,595	21,258	10,820	10,820	10,820	10,820	10,820	104,952
915: Injuries and Damages	10,246	8,456	4,304	4,304	4,304	4,304	4,304	40,220
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	74,644	-	-	-	-	-	-	74,644
922: Minor Material Load	3,115	-	-	-	-	-	-	3,115
925: E&S Loads	168,562	128,129	65,213	65,213	65,213	65,213	65,213	622,754
926: A&G Loads	112,718	39,119	19,910	19,910	19,910	19,910	19,910	251,385
928: AFUDC Debt	102,495	6,704	7,854	8,646	9,441	10,240	11,044	156,423
929: AFUDC Equity	287,288	16,090	18,850	20,751	22,660	24,578	26,506	416,724
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(153,332)	-	-	-	-	-	-	(153,332)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	4,266,065	1,215,077	633,527	636,219	638,924	641,641	644,372	8,675,825

Project No:	60002619 Sagebrush Station-Distribution													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	477,650	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	946,689
120: Overtime-General	1,543	-	-	-	-	-	-	-	-	-	-	-	-	1,543
350: Material Issues-Major	2,309,863	-	-	-	-	-	-	-	-	-	-	-	-	2,309,863
370: Outside Services	4,137,457	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	8,358,809
374: Outside Services Legal	143,811	-	-	-	-	-	-	-	-	-	-	-	-	143,811
377: Outside Svcs-Temp Labor	71	-	-	-	-	-	-	-	-	-	-	-	-	71
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	6,082	-	-	-	-	-	-	-	-	-	-	-	-	6,082
805: Land and Land Rights	46,097	-	-	-	-	-	-	-	-	-	-	-	-	46,097
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	36,365	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	71,684
914: Pension and Benefits	104,952	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	212,971
915: Injuries and Damages	40,220	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	86,890
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	74,644	-	-	-	-	-	-	-	-	-	-	-	-	74,644
922: Minor Material Load	3,115	-	-	-	-	-	-	-	-	-	-	-	-	3,115
925: E&S Loads	622,754	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	1,184,000
926: A&G Loads	251,385	14,032	14,032	14,032	14,032	14,032	14,032	14,032	14,032	14,032	14,032	14,032	14,032	419,770
928: AFUDC Debt	156,423	17,113	18,673	19,638	20,608	21,582	22,561	23,545	24,533	437	1,314	2,195	3,080	332,303
929: AFUDC Equity	416,724	22,595	23,820	25,051	26,288	27,531	28,780	30,035	31,296	558	1,676	2,800	3,929	641,082
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(153,332)	-	-	-	-	-	-	-	(11,801,243)	-	-	-	-	(11,954,575)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	(998,850)	-	-	-	-	(998,850)
Project Net	8,675,825	507,810	509,996	512,192	514,398	516,615	518,843	521,082	(12,276,761)	468,498	470,493	472,498	474,512	1,886,000

Project No:	60002619 Sagebrush Station-Distribution													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	946,689	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	39,087	1,415,728
120: Overtime-General	1,543	-	-	-	-	-	-	-	-	-	-	-	-	1,543
350: Material Issues-Major	2,309,863	-	-	-	-	-	-	-	-	-	-	-	-	2,309,863
370: Outside Services	8,358,809	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	351,779	12,580,161
374: Outside Services Legal	143,811	-	-	-	-	-	-	-	-	-	-	-	-	143,811
377: Outside Svcs-Temp Labor	71	-	-	-	-	-	-	-	-	-	-	-	-	71
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	6,082	-	-	-	-	-	-	-	-	-	-	-	-	6,082
805: Land and Land Rights	46,097	-	-	-	-	-	-	-	-	-	-	-	-	46,097
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	71,684	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	107,002
914: Pension and Benefits	212,971	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	9,002	320,991
915: Injuries and Damages	86,890	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	3,889	133,559
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	74,644	-	-	-	-	-	-	-	-	-	-	-	-	74,644
922: Minor Material Load	3,115	-	-	-	-	-	-	-	-	-	-	-	-	3,115
925: E&S Loads	1,184,000	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	46,770	1,745,246
926: A&G Loads	419,770	17,003	17,003	17,003	17,003	17,003	17,003	17,003	17,003	17,003	17,003	17,003	17,003	623,802
928: AFUDC Debt	332,303	3,358	4,118	4,883	5,651	6,422	7,198	7,977	8,760	9,547	10,338	11,133	11,932	423,621
929: AFUDC Equity	641,082	5,821	7,139	8,464	9,795	11,133	12,477	13,828	15,186	16,550	17,921	19,298	20,683	799,376
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(11,954,575)	-	-	-	-	-	-	-	-	-	-	-	(6,879,406)	(18,833,981)
825: Closing Cost of Removal	(998,850)	-	-	-	-	-	-	-	-	-	-	-	(901,882)	(1,900,732)
Project Net	1,886,000	479,652	481,730	483,819	485,919	488,028	490,148	492,278	494,419	496,570	498,732	500,905	(7,278,200)	0

Project No: 60002622 ELCE12 Feeder Laterals Rebuild

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Valencia 100%

Estimated Start Date 7/1/2022

Estimated Completion Date 10/31/2024

Description

The El Cerro 12 (ELCE12) project includes the demolition and construction of the ELEC12 distribution feeder. The project will consist of a complete rebuild of approximately 4.07 miles of the ELCE12 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~ 144 poles to ensure they are the standard height and class, upgrading ~ 21,489 linear feet of primary wire 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable Neutral System, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done following the latest PNM engineering standards.

Project Need Justification

The purpose of this project is to improve the reliability of PNM's ELCE12 Feeder which serves over 8,426 customers and has, over the last several years, experienced 40 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives

An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach

The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit

This project will rebuild the ELCE12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No:

60002622 ELCE12 Feeder Laterals Rebuild

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	1,039	1,039	1,039	3,118
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	9,354	9,354	9,354	28,061
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	79	79	79	236
914: Pension and Benefits	-	-	-	-	224	224	224	671
915: Injuries and Damages	-	-	-	-	89	89	89	267
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	1,348	1,348	1,348	4,044
926: A&G Loads	-	-	-	-	412	412	412	1,235
928: AFUDC Debt	-	-	-	-	8	23	39	70
929: AFUDC Equity	-	-	-	-	19	56	94	169
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	12,570	12,624	12,677	37,871

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	3,118	1,039	1,039	8,334	8,334	8,334	8,334	1,039	1,039	1,039	1,039	1,039	1,039	44,767
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	28,061	9,354	9,354	75,003	75,003	75,003	75,003	9,354	9,354	9,354	9,354	9,354	9,354	402,902
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	236	78	78	628	628	628	628	78	78	78	78	78	78	3,372
914: Pension and Benefits	671	239	239	1,919	1,919	1,919	1,919	239	239	239	239	239	239	10,263
915: Injuries and Damages	267	103	103	829	829	829	829	103	103	103	103	103	103	4,411
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	4,044	1,244	1,244	9,972	9,972	9,972	9,972	1,244	1,244	1,244	1,244	1,244	1,244	53,881
926: A&G Loads	1,235	373	373	2,992	2,992	2,992	2,992	373	373	373	373	373	373	16,187
928: AFUDC Debt	70	83	106	212	399	588	777	885	913	941	968	17	26	5,984
929: AFUDC Equity	169	105	135	270	509	749	991	1,130	1,165	1,200	1,235	21	33	7,713
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	(460,766)	(6,697)	(8,843)	(476,307)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	(60,987)	(906)	(1,198)	(63,091)
Project Net	37,871	12,619	12,672	100,157	100,584	101,013	101,444	14,446	14,508	14,571	(507,119)	4,866	2,448	10,082

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	44,767	-	-	-	-	-	-	-	-	-	-	-	-	44,767
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	402,902	-	-	-	-	-	-	-	-	-	-	-	-	402,902
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,372	-	-	-	-	-	-	-	-	-	-	-	-	3,372
914: Pension and Benefits	10,263	-	-	-	-	-	-	-	-	-	-	-	-	10,263
915: Injuries and Damages	4,411	-	-	-	-	-	-	-	-	-	-	-	-	4,411
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	53,881	-	-	-	-	-	-	-	-	-	-	-	-	53,881
926: A&G Loads	16,187	-	-	-	-	-	-	-	-	-	-	-	-	16,187
928: AFUDC Debt	5,984	16	8	4	2	1	1	0	0	0	-	-	-	6,017
929: AFUDC Equity	7,713	28	14	7	4	2	1	1	0	0	-	-	-	7,769
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(476,307)	(4,496)	(2,168)	(1,143)	(576)	(253)	(165)	(83)	(47)	(37)	-	-	-	(485,273)
825: Closing Cost of Removal	(63,091)	(606)	(291)	(153)	(76)	(33)	(22)	(11)	(6)	(5)	-	-	-	(64,294)
Project Net	10,082	(5,059)	(2,437)	(1,285)	(646)	(283)	(185)	(93)	(53)	(41)	-	-	-	-

Project No: 60002714 Pachmann Substation-Distribution

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Sandoval 100%

Estimated Start Date 7/1/2019

Estimated Completion Date 3/31/2024

Description
This project involves the construction of a new distribution substation within PNM's existing Pachman 115kV switching station. The project requires modifications to the Pachman switching station including converting it from a five position ring bus configuration to a seven position breaker and a half configuration. Required equipment includes 115kV breakers, a new transformer and switchgear. Four new distribution feeders will be extended from the new switchgear to connect to the existing distribution feeder system in the area.

Project Need Justification
The purpose of the project is to provide additional substation transformer capacity in the Sandoval County area bounded by Paseo Del Volcan on the North, the Rio Grande River on the Southeast, and Northern Blvd NE/Huron Dr. NE on the West, and serve into the Santa Ana Pueblo to the Northeast. This project is necessary to support existing demand and load growth in the area and will provide back-up support to the Enchanted Hills, Iris and Progress Substations.

The addition of a substation transformer within the existing Pachmann Switching Station allows the transformer to be connected to the 115kV station rather than tapping the Pachmann-Algodones 115kV line ("AL 115kV line"). This will enhance the reliability of the new substation transformer by avoiding an outage of the transformer should the AL 115kV line experience an outage.

Project Alternatives
Three alternatives were evaluated:
Alternative 1 – Enchanted Hills Substation Unit 2: Adding a second transformer at the existing Enchanted Hills Substation site connected to the AL 115kV line. This location is less central to the existing load and will not optimize our ability to serve future load growth in central Rio Rancho. This option would also require the acquisition of additional land and an expansion of the existing walled station in order to provide the same level of reliability as the preferred alternative.
Alternative 2- Construct a new substation near Lincoln and Camino Venada Substation tapped off the AL 115kV line which would require one of two options for extending the transmission line. This alternative would cost nearly double the preferred alternative, and would require acquisition of new right of way.
Alternative 3- Construct a new substation located near the intersection of Paseo del Volcan and Camino Encantadas connected to the AL 115kV line. this option was not selected as building at a new site would be more expensive than building at an existing Site. In addition, a "tapped" new site would not take advantage of the higher reliability from a switching station like Pachman.

Project Estimate Approach
Cost estimates are based on the recent substations constructed as well as those that are being currently designed. A unit price estimate was created and it includes costs for the equipment already purchased.

Customer Benefit
Customers will benefit from this project as there will be a lower risk of outages, particularly during periods of peak load, which should increase reliability.

Primary Value Driver Reliability

Safety

Reliability Due to the existing load and future growth expected in the Rio Rancho Metro area, this substation will help to support the existing stations that are near or over capacity as well as serve new load that will be added increasing reliability by decreasing risks of future outages.

System Performance By increasing the ability to serve the Rio Rancho area, this substation will help prevent outages due to loading issues at existing substations serving the area.

Security

Compliance

Environmental

Project No:	60002714 Pachmann Substation-Distribution							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	108,638	(2,519)	(13,616)	(13,616)	(13,616)	(13,616)	(13,616)	38,037
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	5,563,382	-	224,980	224,980	224,980	224,980	224,980	6,688,280
370: Outside Services	590,052	(22,671)	(229,118)	(229,118)	(229,118)	(229,118)	(229,118)	(578,207)
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	2,796	-	-	-	-	-	-	2,796
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	8,247	(191)	(1,031)	(1,031)	(1,031)	(1,031)	(1,031)	2,903
914: Pension and Benefits	25,931	(542)	(2,930)	(2,930)	(2,930)	(2,930)	(2,930)	10,737
915: Injuries and Damages	9,214	(216)	(1,166)	(1,166)	(1,166)	(1,166)	(1,166)	3,171
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	82,137	-	60,328	60,328	60,328	60,328	60,328	383,778
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	440,478	(3,267)	(2,860)	(2,860)	(2,860)	(2,860)	(2,860)	422,910
926: A&G Loads	181,758	(998)	(703)	(703)	(703)	(703)	(703)	177,245
928: AFUDC Debt	56,753	6,627	6,661	6,735	6,810	6,885	6,960	97,430
929: AFUDC Equity	152,095	15,906	15,988	16,166	16,344	16,524	16,704	249,727
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,513,898)	-	-	-	-	-	-	(2,513,898)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	4,707,583	(7,870)	56,533	56,785	57,038	57,292	57,548	4,984,909

Project No:	60002714 Pachmann Substation-Distribution													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	38,037	(13,616)	(13,616)	84,053	84,053	84,053	45,609	45,609	45,609	33,768	33,768	33,768	33,768	534,859
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	6,688,280	224,980	224,980	469,153	469,153	469,153	224,980	224,980	224,980	-	-	-	-	9,220,638
370: Outside Services	(578,207)	(229,118)	(229,118)	(229,118)	(229,118)	(229,118)	303,908	303,908	303,908	303,908	303,908	303,908	985,856	1,085,511
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	2,796	-	-	146,504	146,504	146,504	-	-	-	-	-	-	-	442,308
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,903	(1,025)	(1,025)	6,329	6,329	6,329	3,434	3,434	3,434	2,543	2,543	2,543	2,543	40,313
914: Pension and Benefits	10,737	(3,136)	(3,136)	19,357	19,357	19,357	10,504	10,504	10,504	7,777	7,777	7,777	7,777	125,155
915: Injuries and Damages	3,171	(1,355)	(1,355)	8,363	8,363	8,363	4,538	4,538	4,538	3,360	3,360	3,360	3,360	52,605
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	383,778	63,773	63,773	132,986	132,986	132,986	63,773	63,773	63,773	-	-	-	-	1,101,600
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	422,910	(2,676)	(2,676)	58,034	58,034	58,034	68,192	68,192	68,192	40,406	40,406	40,406	118,830	1,036,283
926: A&G Loads	177,245	(637)	(637)	16,894	16,894	16,894	20,624	20,624	20,624	12,123	12,123	12,123	36,604	361,498
928: AFUDC Debt	97,430	10,596	10,717	11,470	12,858	14,254	15,687	17,157	18,635	19,801	20,652	21,508	23,101	293,865
929: AFUDC Equity	249,727	13,516	13,670	14,631	16,403	18,183	20,010	21,887	23,772	25,258	26,344	27,436	29,469	500,307
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,513,898)	-	-	-	-	-	-	-	-	-	-	-	(11,441,775)	(13,955,673)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(839,270)	(839,270)
Project Net	4,984,909	61,301	61,576	738,658	741,818	744,994	781,259	784,605	787,968	448,942	450,880	452,827	(11,039,738)	(0)

Project No:	60002714 Pachmann Substation-Distribution													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	534,859	(25,458)	(25,458)	(25,458)	-	-	-	-	-	-	-	-	-	458,487
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	9,220,638	-	-	-	-	-	-	-	-	-	-	-	-	9,220,638
370: Outside Services	1,085,511	(229,118)	(229,118)	(229,118)	-	-	-	-	-	-	-	-	-	398,158
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	442,308	-	-	-	-	-	-	-	-	-	-	-	-	442,308
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	40,313	(1,917)	(1,917)	(1,917)	-	-	-	-	-	-	-	-	-	34,562
914: Pension and Benefits	125,155	(5,863)	(5,863)	(5,863)	-	-	-	-	-	-	-	-	-	107,567
915: Injuries and Damages	52,605	(2,533)	(2,533)	(2,533)	-	-	-	-	-	-	-	-	-	45,006
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,101,600	-	-	-	-	-	-	-	-	-	-	-	-	1,101,600
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,036,283	(30,462)	(30,462)	(30,462)	-	-	-	-	-	-	-	-	-	944,896
926: A&G Loads	361,498	(11,074)	(11,074)	(11,074)	-	-	-	-	-	-	-	-	-	328,276
928: AFUDC Debt	293,865	-	-	-	-	-	-	-	-	-	-	-	-	293,865
929: AFUDC Equity	500,307	-	-	-	-	-	-	-	-	-	-	-	-	500,307
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(13,955,673)	269,653	269,653	269,653	-	-	-	-	-	-	-	-	-	(13,146,713)
825: Closing Cost of Removal	(839,270)	-	-	110,313	-	-	-	-	-	-	-	-	-	(728,957)
Project Net	(0)	(36,771)	(36,771)	73,542	-	-	-	-	-	-	-	-	-	(0)

Project No: 60002720 Distr System Rpl Wire to Insulated

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County %	Bernalillo	70%
	Santa Fe	20%
	Sandoval	10%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2026

Description
The purpose of this project is to improve the safety of PNM's personnel and system reliability across PNM's service area. this will be accomplished by replacing individual multi-wired (bare) 600V secondary with insulated bundled wire.

Project Need Justification
There is a known and inherent safety risk with performing work associated with the multi-wired secondary because the secondary wire is bare and energized. The linemen have to be more cautious while climbing poles as they navigate bare secondary wire or while using a bucket truck to either work on the secondary or to access the primary wires. When linemen are wearing the appropriate personal protective equipment (PPE) they are still exposed to the energized wire and components. The other known risk is the restoration of power due to outages. When outages occur, vegetation is typically the cause. The vegetation can cause a fault with the wires which causes the transformer to trip offline. PNM will replace the multi-wire secondary with insulated bundled wire to help mitigate the faults due to vegetation.

Project Alternatives
The only alternative is a do nothing approach that does not replace these bare wires. This alternative was not considered due to the risks of not doing this type of work. These risks include the safety of PNM's personnel and longer restoration times for power outages. Replacement of the bare secondary wire with insulated bundled wire is in accordance with PNM standards.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
This project will improve system reliability by limiting system trips due to vegetation and faster restoration times due to safer working conditions. Customers directly benefit from this work.

Primary Value Driver
Safety
By replacing individual multi-wired (bare) 600V secondary with insulated bundled wire, PNM's personnel will have safer working conditions when working on overhead lines.

Reliability
The vegetation near the overhead system can cause a fault with the wires which subsequently can cause the transformer to trip offline. Through the replacement of the multi-wire secondary with insulated bundled wire, PNM will help mitigate the faults due to vegetation, improving overall system reliability.

System Performance

Security

Compliance

Environmental

Project No: 60002720 Distr System Rpl Wire to Insulated

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	8,000	8,000	8,000	8,000	8,000	8,000	48,000
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	5,000	5,000	5,000	5,000	5,000	5,000	30,000
370: Outside Services	-	2,917	2,917	2,917	2,917	2,917	2,917	17,500
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	606	606	606	606	606	606	3,634
914: Pension and Benefits	-	1,722	1,722	1,722	1,722	1,722	1,722	10,330
915: Injuries and Damages	-	685	685	685	685	685	685	4,109
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	1,341	1,341	1,341	1,341	1,341	1,341	8,045
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	2,366	2,366	2,366	2,366	2,366	2,366	14,196
926: A&G Loads	-	630	630	630	630	630	630	3,782
928: AFUDC Debt	-	14	43	73	102	131	161	524
929: AFUDC Equity	-	35	104	174	244	315	386	1,258
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	23,315	23,413	23,512	23,612	23,712	23,812	141,377

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	48,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	144,000
120: Overtime-General	-	694	694	694	694	694	694	694	694	694	694	694	694	8,333
350: Material Issues-Major	30,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	90,000
370: Outside Services	17,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	47,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,634	655	655	655	655	655	655	655	655	655	655	655	655	11,490
914: Pension and Benefits	10,330	2,002	2,002	2,002	2,002	2,002	2,002	2,002	2,002	2,002	2,002	2,002	2,002	34,358
915: Injuries and Damages	4,109	865	865	865	865	865	865	865	865	865	865	865	865	14,490
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	8,045	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	25,052
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	14,196	2,267	2,267	2,267	2,267	2,267	2,267	2,267	2,267	2,267	2,267	2,267	2,267	41,405
926: A&G Loads	3,782	581	581	581	581	581	581	581	581	581	581	581	581	10,758
928: AFUDC Debt	524	287	334	380	427	474	521	568	616	664	712	760	809	7,076
929: AFUDC Equity	1,258	367	426	485	544	604	665	725	786	847	908	970	1,032	9,615
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	141,377	24,637	24,742	24,848	24,954	25,061	25,168	25,276	25,384	25,493	25,603	25,713	25,823	444,078

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	144,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	240,000
120: Overtime-General	8,333	655	655	655	655	655	655	655	655	655	655	655	655	16,195
350: Material Issues-Major	90,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	150,000
370: Outside Services	47,500	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	63,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	11,490	652	652	652	652	652	652	652	652	652	652	652	652	19,311
914: Pension and Benefits	34,358	1,993	1,993	1,993	1,993	1,993	1,993	1,993	1,993	1,993	1,993	1,993	1,993	58,277
915: Injuries and Damages	14,490	861	861	861	861	861	861	861	861	861	861	861	861	24,824
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	25,052	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417	42,060
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	41,405	2,127	2,127	2,127	2,127	2,127	2,127	2,127	2,127	2,127	2,127	2,127	2,127	66,928
926: A&G Loads	10,758	652	652	652	652	652	652	652	652	652	652	652	652	18,582
928: AFUDC Debt	7,076	724	763	803	843	883	923	963	1,004	1,045	1,086	1,127	1,168	18,407
929: AFUDC Equity	9,615	1,255	1,323	1,392	1,461	1,530	1,600	1,670	1,740	1,811	1,882	1,954	2,025	29,258
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(663,380)	(663,380)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(83,961)	(83,961)
Project Net	444,078	24,669	24,777	24,885	24,994	25,104	25,214	25,324	25,435	25,547	25,659	25,771	(721,457)	(0)

Project No: 60002721 Switchgear Rpl Vermin Damage

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 80%
Sandoval 20%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2026

Description
This project provides for the design and replacement of outdated underground pad mounted switchgears. In an effort to improve safety and system reliability, PNM is replacing live front padmounted switchgears with dead front padmounted switchgears. Live front means that the switchgear has exposed energized parts inside both the switch bays and fuse bays. Older style switchgears pose an operational and safety hazard. In addition, they are a reliability exposure. These identified switchgears will be replaced with dead front padmounted switchgears. Dead front means that the switchgear will not have any exposed energized parts and allow PNM to break load thus providing additional employee safety when accessing the switchgear and installation. For all new padmounted switchgear installations, a dead front is the PNM standard.

Project Need Justification
Due to exposed parts, some of these switchgears have been compromised by vermin, causing a lengthy outage. PNM has a monthly report that identifies which equipment has been compromised due to vermin. The identified vermin compromised switchgears will be replaced with dead front pad mounted switchgears, providing additional employee safety when accessing the switchgear. In addition, switchgear flashovers and fires have occurred in past due to the nature of the live front gear and vermin access to energized equipment.

Project Alternatives
The alternative to this project is to leave the existing exposed to vermin, outdated, unsafe underground pad mounted switchgears in place and only replace the equipment as the infrastructure fails. This can cause lengthy outages and restoration times and increase the amount of System Average Interruption Duration Index (SAIDI) minutes for PNM.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards. The estimate also took into account the total number of switches.

Customer Benefit
Customers benefit through reduced outage frequency and duration, maintained service integrity, and enhanced system reliability.

Primary Value Driver
Safety
Replacing the pad mounted switchgears eliminates safety issues, such as flash-overs, attributed to the existing switchgears installed on the system. This improves safety for PNM personnel and the general public.

Reliability
This project helps maintain the integrity of the underground and pad mounted switchgear in PNM's distribution system, increasing reliability and reducing SAIDI minutes.

System Performance

Security

Compliance

Environmental

Project No:	60002721 Switchgear Rpl Vermin Damage							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	761	5,000	5,000	5,000	5,000	5,000	5,000	30,761
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	45,179	12,000	12,000	12,000	12,000	12,000	12,000	117,179
370: Outside Services	26,982	19,821	19,821	19,821	19,821	19,821	19,821	145,906
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	500	500	500	500	500	500	3,000
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	58	379	379	379	379	379	379	2,329
914: Pension and Benefits	165	1,076	1,076	1,076	1,076	1,076	1,076	6,621
915: Injuries and Damages	65	428	428	428	428	428	428	2,633
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,053	3,218	3,218	3,218	3,218	3,218	3,218	22,359
922: Minor Material Load	2,177	-	-	-	-	-	-	2,177
925: E&S Loads	6,119	4,900	4,900	4,900	4,900	4,900	4,900	35,522
926: A&G Loads	2,974	1,478	1,478	1,478	1,478	1,478	1,478	11,841
928: AFUDC Debt	55	139	167	188	206	196	190	1,142
929: AFUDC Equity	116	334	400	452	495	472	455	2,724
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	(24,130)	(28,006)	(31,122)	(50,439)	(48,391)	(46,950)	(229,038)
825: Closing Cost of Removal	-	(3,265)	(3,784)	(4,198)	(6,794)	(6,513)	(6,316)	(30,870)
Project Net	87,704	21,878	17,576	14,121	(7,733)	(5,436)	(3,821)	124,287

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	30,761	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	58,761
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	117,179	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	218,197
370: Outside Services	145,906	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	383,755
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3,000	500	500	500	500	500	500	500	500	500	500	500	500	9,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,329	176	176	176	176	176	176	176	176	176	176	176	176	4,437
914: Pension and Benefits	6,621	537	537	537	537	537	537	537	537	537	537	537	537	13,070
915: Injuries and Damages	2,633	232	232	232	232	232	232	232	232	232	232	232	232	5,419
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	22,359	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	50,994
922: Minor Material Load	2,177	-	-	-	-	-	-	-	-	-	-	-	-	2,177
925: E&S Loads	35,522	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	79,706
926: A&G Loads	11,841	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	25,227
928: AFUDC Debt	1,142	270	252	269	282	293	301	308	314	318	322	289	265	4,624
929: AFUDC Equity	2,724	344	321	343	360	373	384	393	400	406	410	368	339	7,165
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(229,038)	(43,398)	(27,267)	(28,835)	(30,096)	(31,109)	(31,924)	(32,579)	(33,105)	(33,528)	(50,803)	(46,108)	(42,806)	(660,595)
825: Closing Cost of Removal	(30,870)	(5,832)	(3,663)	(3,871)	(4,038)	(4,171)	(4,278)	(4,363)	(4,431)	(4,486)	(6,794)	(6,167)	(5,728)	(88,691)
Project Net	124,287	(9,416)	8,845	7,107	5,709	4,587	3,685	2,961	2,379	1,911	(17,663)	(12,417)	(8,729)	113,247

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	58,761	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	86,761
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	218,197	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	8,418	319,215
370: Outside Services	383,755	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	19,821	621,604
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	9,000	500	500	500	500	500	500	500	500	500	500	500	500	15,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,437	176	176	176	176	176	176	176	176	176	176	176	176	6,545
914: Pension and Benefits	13,070	537	537	537	537	537	537	537	537	537	537	537	537	19,518
915: Injuries and Damages	5,419	232	232	232	232	232	232	232	232	232	232	232	232	8,205
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	50,994	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	2,386	79,628
922: Minor Material Load	2,177	-	-	-	-	-	-	-	-	-	-	-	-	2,177
925: E&S Loads	79,706	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	3,682	123,890
926: A&G Loads	25,227	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	41,447
928: AFUDC Debt	4,624	211	201	218	231	242	251	258	263	268	271	274	246	7,558
929: AFUDC Equity	7,165	365	349	378	401	420	435	447	456	464	471	476	426	12,252
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(660,595)	(40,548)	(25,974)	(27,839)	(29,339)	(30,544)	(31,513)	(32,293)	(32,919)	(33,423)	(33,827)	(51,229)	(46,474)	(1,076,517)
825: Closing Cost of Removal	(88,691)	(5,429)	(3,480)	(3,731)	(3,931)	(4,091)	(4,220)	(4,322)	(4,404)	(4,470)	(4,522)	(6,847)	(6,212)	(144,351)
Project Net	113,247	(5,965)	10,533	8,463	6,800	5,464	4,390	3,527	2,834	2,277	1,829	(17,889)	(12,576)	122,934

Project No: 60002741 Recloser Replacements

Company: 001 Electric Services
Location: 600 Electric System

Project Information

Estimated Start Date 1/1/2021
Estimated Completion Date 1/30/2027

County %		
	Bernalillo	20%
	Grant	20%
	Luna	20%
	Valencia	20%
	Otero	20%

Description
In an effort to improve system reliability across PNM's territory, PNM is replacing outdated and obsolete dynamic protective devices with modernized intelligent reclosers. PNM's asset management strategy is to replace hydraulic reclosers or electronic reclosers proactively with modernized intelligent electronic reclosers that provide SCADA capabilities.

Project Need Justification
These modernized reclosers provide greater protection and reliability to the distribution system while providing Distribution Operations Center (DOC) the ability to control the devices when needed for any situation, including routine switching and outage restoration. These modernized reclosers will provide enhanced protection and valuable data regarding the electric system to aid PNM in operating a more resilient, reliable, and intelligent electrical system.

Project Alternatives
The only other alternative is the do nothing approach, where reclosers are only replaced reactively due to equipment failure. This alternative was not considered due to they high costs incurred at PNM when equipment fails and outages occur.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that come with proactive actions that avoid outages.

Primary Value Driver Reliability

Safety

Reliability As PNM replaces outdated and obsolete dynamic protective devices with modernized intelligent reclosers, system reliability improves across the PNM territory.

System Performance

Security

Compliance

Environmental

Project No:

60002741 Recloser Replacements

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	15,000	30,000	15,000	30,000	20,000	15,000	125,000
120: Overtime-General	-	2,000	4,000	2,000	4,000	2,000	2,000	16,000
350: Material Issues-Major	45,715	15,000	30,000	15,000	30,000	15,000	15,000	165,715
370: Outside Services	-	42,154	84,000	42,154	84,000	72,000	42,154	366,462
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	1,000	2,000	1,000	2,000	1,000	1,000	8,000
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	1,287	2,574	1,287	2,574	1,665	1,287	10,674
914: Pension and Benefits	-	3,658	7,317	3,658	7,317	4,734	3,658	30,343
915: Injuries and Damages	-	1,455	2,910	1,455	2,910	1,883	1,455	12,070
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	4,018	4,022	8,045	4,022	8,045	4,022	4,022	36,196
922: Minor Material Load	7,081	-	-	-	-	-	-	7,081
925: E&S Loads	4,275	10,194	20,350	10,194	20,350	14,785	10,194	90,344
926: A&G Loads	2,091	2,976	5,940	2,976	5,940	4,356	2,976	27,255
928: AFUDC Debt	45	151	293	395	489	517	487	2,376
929: AFUDC Equity	94	362	703	947	1,173	1,242	1,168	5,688
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	(30,146)	(59,012)	(64,857)	(130,371)	(129,129)	(116,956)	(530,471)
825: Closing Cost of Removal	-	(2,370)	(6,627)	(7,672)	(16,303)	(16,504)	(15,108)	(64,584)
Project Net	63,319	66,744	132,492	27,560	52,124	(2,428)	(31,662)	308,149

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	125,000	-	-	-	-	-	-	-	-	-	-	-	-	125,000
120: Overtime-General	16,000	-	-	-	-	-	-	-	-	-	-	-	-	16,000
350: Material Issues-Major	165,715	-	-	-	-	-	-	-	-	-	-	-	-	165,715
370: Outside Services	366,462	-	-	-	-	-	-	-	-	-	-	-	-	366,462
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,000	-	-	-	-	-	-	-	-	-	-	-	-	8,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	10,674	-	-	-	-	-	-	-	-	-	-	-	-	10,674
914: Pension and Benefits	30,343	-	-	-	-	-	-	-	-	-	-	-	-	30,343
915: Injuries and Damages	12,070	-	-	-	-	-	-	-	-	-	-	-	-	12,070
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,196	-	-	-	-	-	-	-	-	-	-	-	-	36,196
922: Minor Material Load	7,081	-	-	-	-	-	-	-	-	-	-	-	-	7,081
925: E&S Loads	90,344	-	-	-	-	-	-	-	-	-	-	-	-	90,344
926: A&G Loads	27,255	-	-	-	-	-	-	-	-	-	-	-	-	27,255
928: AFUDC Debt	2,376	580	466	375	301	242	195	157	126	101	81	57	40	5,098
929: AFUDC Equity	5,688	740	595	478	384	309	248	200	161	129	104	73	51	9,161
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(530,471)	(54,844)	(44,087)	(35,440)	(28,489)	(22,902)	(18,410)	(14,799)	(11,897)	(9,563)	(11,532)	(8,111)	(5,705)	(796,251)
825: Closing Cost of Removal	(64,584)	(7,050)	(5,640)	(4,512)	(3,610)	(2,888)	(2,310)	(1,848)	(1,479)	(1,183)	(1,419)	(994)	(696)	(98,212)
Project Net	308,149	(60,574)	(48,666)	(39,099)	(31,413)	(25,238)	(20,277)	(16,291)	(13,089)	(10,516)	(12,766)	(8,975)	(6,309)	14,935

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	125,000	-	-	-	-	-	-	-	-	-	-	-	-	125,000
120: Overtime-General	16,000	-	-	-	-	-	-	-	-	-	-	-	-	16,000
350: Material Issues-Major	165,715	-	-	-	-	-	-	-	-	-	-	-	-	165,715
370: Outside Services	366,462	-	-	-	-	-	-	-	-	-	-	-	-	366,462
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	8,000	-	-	-	-	-	-	-	-	-	-	-	-	8,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	10,674	-	-	-	-	-	-	-	-	-	-	-	-	10,674
914: Pension and Benefits	30,343	-	-	-	-	-	-	-	-	-	-	-	-	30,343
915: Injuries and Damages	12,070	-	-	-	-	-	-	-	-	-	-	-	-	12,070
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	36,196	-	-	-	-	-	-	-	-	-	-	-	-	36,196
922: Minor Material Load	7,081	-	-	-	-	-	-	-	-	-	-	-	-	7,081
925: E&S Loads	90,344	-	-	-	-	-	-	-	-	-	-	-	-	90,344
926: A&G Loads	27,255	-	-	-	-	-	-	-	-	-	-	-	-	27,255
928: AFUDC Debt	5,098	24	19	15	12	10	8	6	5	4	3	2	2	5,210
929: AFUDC Equity	9,161	41	33	27	22	17	14	11	9	7	6	4	3	9,356
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(796,251)	(2,676)	(2,151)	(1,729)	(1,390)	(1,118)	(898)	(722)	(581)	(467)	(563)	(396)	(279)	(809,220)
825: Closing Cost of Removal	(98,212)	(325)	(260)	(208)	(166)	(133)	(106)	(85)	(68)	(54)	(65)	(46)	(32)	(99,760)
Project Net	14,935	(2,935)	(2,358)	(1,895)	(1,522)	(1,223)	(983)	(790)	(635)	(510)	(619)	(435)	(306)	725

Project No: 60002742 Switchgear Rpl Vermin Damage-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 80%
Santa Fe 20%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2022

Description
This project provides for the design and replacement of outdated underground pad mounted switchgears. In an effort to improve safety and system reliability, PNM is replacing live front padmounted switchgears with dead front padmounted switchgears. Live front means that the switchgear has exposed energized parts inside both the switch bays and fuse bays. Older style switchgears pose an operational and safety hazard. In addition, they are a reliability exposure. These identified switchgears will be replaced with dead front padmounted switchgears. Dead front means that the switchgear will not have any exposed energized parts and allow PNM to break load thus providing additional employee safety when accessing the switchgear and installation. For all new padmounted switchgear installations, a dead front is the PNM standard.

Project Need Justification
Due to exposed parts, some of these switchgears have been compromised by vermin, causing a lengthy outage. PNM has a monthly report that identifies which equipment has been compromised due to vermin. The identified vermin compromised switchgears will be replaced with dead front pad mounted switchgears, providing additional employee safety when accessing the switchgear. In addition, switchgear flashovers and fires have occurred in past due to the nature of the live front gear and vermin access to energized equipment.

Project Alternatives
The alternative to this project is to leave the existing exposed to vermin, outdated, unsafe underground pad mounted switchgears in place and only replace the equipment as the infrastructure fails. This can cause lengthy outages and restoration times and increase the amount of System Average Interruption Duration Index (SAIDI) minutes for PNM.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards. The estimate also took into account the total number of switches.

Customer Benefit
Customers benefit through reduced outage frequency and duration, maintained service integrity, and enhanced system reliability.

Primary Value Driver Safety
Safety Replacing the pad mounted switchgears eliminates safety issues, such as flash-overs, attributed to the existing switchgears installed on the system. This improves safety for PNM personnel and the general public.

Reliability This project helps maintain the integrity of the underground and pad mounted switchgear in PNM's distribution system, increasing reliability and reducing SAIDI minutes.

System Performance In an effort to improve our safety and system reliability across PNM's territory, PNM is replacing the live front pad mounted switchgears with dead front pad mounted switchgears.

Security

Compliance

Environmental

Project No:	60002742 Switchgear Rpl Vermin Damage-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	10,420	560	100	560	560	560	560	13,318
120: Overtime-General	300	-	-	-	-	-	-	300
350: Material Issues-Major	397,142	304	24,741	304	304	304	304	423,403
370: Outside Services	487,034	8,142	364	364	8,142	364	8,142	512,552
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	225	-	-	-	-	-	-	225
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	803	42	8	42	42	42	42	1,023
914: Pension and Benefits	2,372	120	22	120	120	120	120	2,996
915: Injuries and Damages	816	48	9	48	48	48	48	1,064
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	20,867	82	6,634	82	82	82	82	27,909
922: Minor Material Load	36,750	-	-	-	-	-	-	36,750
925: E&S Loads	80,228	1,152	3,155	180	1,152	180	1,152	87,199
926: A&G Loads	55,665	357	998	49	357	49	357	57,830
928: AFUDC Debt	3,405	140	170	194	203	211	220	4,543
929: AFUDC Equity	11,095	336	407	465	486	507	529	13,826
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(784,044)	-	-	-	-	-	(161,493)	(945,537)
825: Closing Cost of Removal	(37,145)	-	-	-	-	-	(200,256)	(237,400)
Project Net	285,934	11,283	36,606	2,407	11,496	2,467	(350,193)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	13,318	-	-	-	-	-	-	-	-	-	-	-	-	13,318
120: Overtime-General	300	-	-	-	-	-	-	-	-	-	-	-	-	300
350: Material Issues-Major	423,403	-	-	-	-	-	-	-	-	-	-	-	-	423,403
370: Outside Services	512,552	-	-	-	-	-	-	-	-	-	-	-	-	512,552
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	225	-	-	-	-	-	-	-	-	-	-	-	-	225
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,023	-	-	-	-	-	-	-	-	-	-	-	-	1,023
914: Pension and Benefits	2,996	-	-	-	-	-	-	-	-	-	-	-	-	2,996
915: Injuries and Damages	1,064	-	-	-	-	-	-	-	-	-	-	-	-	1,064
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	27,909	-	-	-	-	-	-	-	-	-	-	-	-	27,909
922: Minor Material Load	36,750	-	-	-	-	-	-	-	-	-	-	-	-	36,750
925: E&S Loads	87,199	-	-	-	-	-	-	-	-	-	-	-	-	87,199
926: A&G Loads	57,830	-	-	-	-	-	-	-	-	-	-	-	-	57,830
928: AFUDC Debt	4,543	-	-	-	-	-	-	-	-	-	-	-	-	4,543
929: AFUDC Equity	13,826	-	-	-	-	-	-	-	-	-	-	-	-	13,826
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(945,537)	-	-	-	-	-	-	-	-	-	-	-	-	(945,537)
825: Closing Cost of Removal	(237,400)	-	-	-	-	-	-	-	-	-	-	-	-	(237,400)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	13,318	-	-	-	-	-	-	-	-	-	-	-	-	13,318
120: Overtime-General	300	-	-	-	-	-	-	-	-	-	-	-	-	300
350: Material Issues-Major	423,403	-	-	-	-	-	-	-	-	-	-	-	-	423,403
370: Outside Services	512,552	-	-	-	-	-	-	-	-	-	-	-	-	512,552
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	225	-	-	-	-	-	-	-	-	-	-	-	-	225
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,023	-	-	-	-	-	-	-	-	-	-	-	-	1,023
914: Pension and Benefits	2,996	-	-	-	-	-	-	-	-	-	-	-	-	2,996
915: Injuries and Damages	1,064	-	-	-	-	-	-	-	-	-	-	-	-	1,064
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	27,909	-	-	-	-	-	-	-	-	-	-	-	-	27,909
922: Minor Material Load	36,750	-	-	-	-	-	-	-	-	-	-	-	-	36,750
925: E&S Loads	87,199	-	-	-	-	-	-	-	-	-	-	-	-	87,199
926: A&G Loads	57,830	-	-	-	-	-	-	-	-	-	-	-	-	57,830
928: AFUDC Debt	4,543	-	-	-	-	-	-	-	-	-	-	-	-	4,543
929: AFUDC Equity	13,826	-	-	-	-	-	-	-	-	-	-	-	-	13,826
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(945,537)	-	-	-	-	-	-	-	-	-	-	-	-	(945,537)
825: Closing Cost of Removal	(237,400)	-	-	-	-	-	-	-	-	-	-	-	-	(237,400)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60002743 Recloser Replacements-WFF

Company: 001 Electric Services
Location: 600 Electric System

Project Information

Estimated Start Date 1/1/2021
Estimated Completion Date 12/31/2022

County %	Bernalillo	40%	Santa Fe	10%
	Luna	15%		
	Grant	15%		
	Valencia	10%		
	Lincoln	10%		

Description
In an effort to improve system reliability across PNM's territory, PNM is replacing outdated and obsolete dynamic protective devices with modernized intelligent reclosers. PNM's asset management strategy is to replace hydraulic reclosers or electronic reclosers proactively with modernized intelligent electronic reclosers that provide SCADA capabilities.

Project Need Justification
These modernized reclosures provide greater protection and reliability to the distribution system while providing Distribution Operations Center (DOC) the ability to control the devices when needed for any situation, including routine switching and outage restoration. These modernized reclosures will provide enhanced protection and valuable data regarding the electric system to aid PNM in operating a more resilient, reliable, and intelligent electrical system.

Project Alternatives
The only other alternative is the do nothing approach, where reclosers are only replaced reactively due to equipment failure. This alternative was not considered due to they high costs incurred at PNM when equipment fails and outages occur.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that come with proactive actions that avoid outages.

Primary Value Driver Reliability

Safety

Reliability As PNM replaces outdated and obsolete dynamic protective devices with modernized intelligent reclosures, system reliability improves across the PNM territory.

System Performance

Security

Compliance

Environmental

Project No:	60002743 Recloser Replacements-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	36,196	5,250	1,645	1,454	1,921	2,191	1,244	49,901
120: Overtime-General	3,393	27	-	87	1,066	1,142	363	6,078
350: Material Issues-Major	537,527	78,284	46,538	31,420	36,070	75,981	3,148	808,969
370: Outside Services	150,243	23,915	349	37,383	15,333	3,537	12,130	242,889
374: Outside Services Legal	-	1,088	501	482	163	231	332	2,798
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	13,162	-	-	-	-	-	-	13,162
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,968	399	125	117	226	252	122	4,208
914: Pension and Benefits	8,692	1,136	354	332	643	717	346	12,219
915: Injuries and Damages	3,027	452	141	132	256	285	138	4,430
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	22,707	20,992	12,479	8,425	9,672	20,374	844	95,494
922: Minor Material Load	27,033	-	-	-	-	-	-	27,033
925: E&S Loads	84,088	13,819	6,207	8,926	6,960	10,542	2,228	132,768
926: A&G Loads	45,213	4,299	1,942	2,805	2,160	3,290	682	60,391
928: AFUDC Debt	6,499	598	737	841	949	1,073	1,165	11,863
929: AFUDC Equity	21,328	1,435	1,770	2,019	2,277	2,575	2,797	34,201
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(559,077)	-	-	-	-	-	(838,707)	(1,397,784)
825: Closing Cost of Removal	(15,025)	-	-	-	-	-	(93,594)	(108,619)
Project Net	387,974	151,694	72,786	94,423	77,694	122,192	(906,764)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	49,901	-	-	-	-	-	-	-	-	-	-	-	-	49,901
120: Overtime-General	6,078	-	-	-	-	-	-	-	-	-	-	-	-	6,078
350: Material Issues-Major	808,969	-	-	-	-	-	-	-	-	-	-	-	-	808,969
370: Outside Services	242,889	-	-	-	-	-	-	-	-	-	-	-	-	242,889
374: Outside Services Legal	2,798	-	-	-	-	-	-	-	-	-	-	-	-	2,798
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	13,162	-	-	-	-	-	-	-	-	-	-	-	-	13,162
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,208	-	-	-	-	-	-	-	-	-	-	-	-	4,208
914: Pension and Benefits	12,219	-	-	-	-	-	-	-	-	-	-	-	-	12,219
915: Injuries and Damages	4,430	-	-	-	-	-	-	-	-	-	-	-	-	4,430
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	95,494	-	-	-	-	-	-	-	-	-	-	-	-	95,494
922: Minor Material Load	27,033	-	-	-	-	-	-	-	-	-	-	-	-	27,033
925: E&S Loads	132,768	-	-	-	-	-	-	-	-	-	-	-	-	132,768
926: A&G Loads	60,391	-	-	-	-	-	-	-	-	-	-	-	-	60,391
928: AFUDC Debt	11,863	-	-	-	-	-	-	-	-	-	-	-	-	11,863
929: AFUDC Equity	34,201	-	-	-	-	-	-	-	-	-	-	-	-	34,201
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,397,784)	-	-	-	-	-	-	-	-	-	-	-	-	(1,397,784)
825: Closing Cost of Removal	(108,619)	-	-	-	-	-	-	-	-	-	-	-	-	(108,619)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	49,901	-	-	-	-	-	-	-	-	-	-	-	-	49,901
120: Overtime-General	6,078	-	-	-	-	-	-	-	-	-	-	-	-	6,078
350: Material Issues-Major	808,969	-	-	-	-	-	-	-	-	-	-	-	-	808,969
370: Outside Services	242,889	-	-	-	-	-	-	-	-	-	-	-	-	242,889
374: Outside Services Legal	2,798	-	-	-	-	-	-	-	-	-	-	-	-	2,798
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	13,162	-	-	-	-	-	-	-	-	-	-	-	-	13,162
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,208	-	-	-	-	-	-	-	-	-	-	-	-	4,208
914: Pension and Benefits	12,219	-	-	-	-	-	-	-	-	-	-	-	-	12,219
915: Injuries and Damages	4,430	-	-	-	-	-	-	-	-	-	-	-	-	4,430
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	95,494	-	-	-	-	-	-	-	-	-	-	-	-	95,494
922: Minor Material Load	27,033	-	-	-	-	-	-	-	-	-	-	-	-	27,033
925: E&S Loads	132,768	-	-	-	-	-	-	-	-	-	-	-	-	132,768
926: A&G Loads	60,391	-	-	-	-	-	-	-	-	-	-	-	-	60,391
928: AFUDC Debt	11,863	-	-	-	-	-	-	-	-	-	-	-	-	11,863
929: AFUDC Equity	34,201	-	-	-	-	-	-	-	-	-	-	-	-	34,201
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,397,784)	-	-	-	-	-	-	-	-	-	-	-	-	(1,397,784)
825: Closing Cost of Removal	(108,619)	-	-	-	-	-	-	-	-	-	-	-	-	(108,619)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60002912 St Cecilia Station Co1

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Valencia 100%

Estimated Start Date 6/1/2017

Estimated Completion Date 7/31/2023

Description
This project covers a new substation to serve the Valencia County area from Hwy 6 to Curfman Rd. and between Interstate 25 and the Rio Grande River. Los Chavez, San Clemente, Los Lunas, and Los Morros are the surrounding substations that currently serve this area. The new San Clemente Substation will provide the Distribution Operations Center (DOC) available capacity to support restoration efforts for surrounding substations.

Project Need Justification
Presently an outage of either the Los Lunas Substation or the Los Chavez Substation would overload the existing San Clemente Substation transformer by over 300 hours per year. The San Clemente Substation project mitigates these substation transformer overloads and will further simplify operation of the distribution system by eliminating several supplemental cascading load transfers.

Project Alternatives
One alternative considered was installing a larger capacity transformer or installing a second unit at the existing San Clemente Substation. This was not a feasible option as the new site would require new land acquisition and the current landowner was not amenable to this option. Another alternative was to upgrade the Los Lunas Substation, however this alternative was not constructible due to the size of the Los Lunas Substation, and this substation would not mitigate the overload situation during a Los Chavez substation outage.

Project Estimate Approach
This project was estimated using recent substation construction projects, and quotes for labor and material.

Customer Benefit
This project benefits customers by providing improved capacity in Valencia county which will improve reliability and reduce risks of future outages.

Primary Value Driver Reliability

Safety

Reliability
This project will provide reliable power to the Valencia County area. The new substation will be served from the 115kV Transmission line rather than the 46kV line which will help to provide another transmission source of power to this area. When other stations need to be taken offline for maintenance, this new substation will balance the load preventing a critical operational state.

System Performance
The entire Valencia County system network will benefit from the addition of this new substation for load balancing and transfer.

Security

Compliance

Environmental

Project No:	60002912 St Cecilia Station Co1							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	482,542	-	5,000	5,000	5,000	29,000	70,263	596,805
120: Overtime-General	33,471	-	-	-	-	-	-	33,471
350: Material Issues-Major	1,967,795	-	-	-	-	100,000	200,000	2,267,795
370: Outside Services	1,489,933	-	-	-	-	-	-	1,489,933
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	79,511	-	-	-	-	-	-	79,511
805: Land and Land Rights	119,500	-	-	-	-	-	-	119,500
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	39,229	-	379	379	379	2,195	5,319	47,879
914: Pension and Benefits	125,621	-	1,076	1,076	1,076	6,241	15,121	150,210
915: Injuries and Damages	34,841	-	428	428	428	2,482	6,015	44,622
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	93,911	-	-	-	-	26,815	53,630	174,356
922: Minor Material Load	23,216	-	-	-	-	-	-	23,216
925: E&S Loads	546,820	-	860	860	860	17,490	37,090	603,981
926: A&G Loads	265,617	-	198	198	198	5,108	10,702	282,021
928: AFUDC Debt	99,200	17	5	15	25	147	513	99,923
929: AFUDC Equity	143,436	41	12	36	59	354	1,232	145,170
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,316,643)	(12,259)	-	-	-	-	-	(5,328,902)
825: Closing Cost of Removal	(215,264)	(536)	-	-	-	-	-	(215,800)
Project Net	12,737	(12,737)	7,958	7,991	8,025	189,833	399,884	613,691

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	596,805	70,000	20,000	-	130,000	283,413	287,067	116,995	-	-	-	-	-	1,504,280
120: Overtime-General	33,471	-	-	-	-	-	-	-	-	-	-	-	-	33,471
350: Material Issues-Major	2,267,795	100,000	5,575	-	-	-	-	-	-	-	-	-	-	2,373,370
370: Outside Services	1,489,933	-	-	-	-	-	-	-	-	-	-	-	-	1,489,933
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	79,511	-	-	-	-	-	-	-	-	-	-	-	-	79,511
805: Land and Land Rights	119,500	-	-	-	-	-	-	-	-	-	-	-	-	119,500
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	47,879	5,271	1,506	-	9,789	21,341	21,616	8,810	-	-	-	-	-	116,212
914: Pension and Benefits	150,210	16,121	4,606	-	29,939	65,270	66,112	26,944	-	-	-	-	-	359,202
915: Injuries and Damages	44,622	6,965	1,990	-	12,935	28,200	28,563	11,641	-	-	-	-	-	134,915
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	174,356	28,346	1,580	-	-	-	-	-	-	-	-	-	-	204,282
922: Minor Material Load	23,216	-	-	-	-	-	-	-	-	-	-	-	-	23,216
925: E&S Loads	603,981	22,811	3,873	-	21,006	45,796	46,386	18,905	-	-	-	-	-	762,758
926: A&G Loads	282,021	6,103	918	-	4,667	10,175	10,306	4,200	-	-	-	-	-	318,390
928: AFUDC Debt	99,923	1,388	37	75	270	891	1,751	2,365	-	-	-	-	-	106,701
929: AFUDC Equity	145,170	1,770	48	96	345	1,137	2,234	3,017	-	-	-	-	-	153,817
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,328,902)	(768,437)	-	-	-	-	-	(1,200,375)	-	-	-	-	-	(7,297,714)
825: Closing Cost of Removal	(215,800)	(104,029)	-	-	-	-	-	(162,015)	-	-	-	-	-	(481,844)
Project Net	613,691	(613,691)	40,134	171	208,951	456,222	464,034	(1,169,513)	-	-	-	-	-	(0)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,504,280	-	-	-	-	-	-	-	-	-	-	-	-	1,504,280
120: Overtime-General	33,471	-	-	-	-	-	-	-	-	-	-	-	-	33,471
350: Material Issues-Major	2,373,370	-	-	-	-	-	-	-	-	-	-	-	-	2,373,370
370: Outside Services	1,489,933	-	-	-	-	-	-	-	-	-	-	-	-	1,489,933
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	79,511	-	-	-	-	-	-	-	-	-	-	-	-	79,511
805: Land and Land Rights	119,500	-	-	-	-	-	-	-	-	-	-	-	-	119,500
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	116,212	-	-	-	-	-	-	-	-	-	-	-	-	116,212
914: Pension and Benefits	359,202	-	-	-	-	-	-	-	-	-	-	-	-	359,202
915: Injuries and Damages	134,915	-	-	-	-	-	-	-	-	-	-	-	-	134,915
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	204,282	-	-	-	-	-	-	-	-	-	-	-	-	204,282
922: Minor Material Load	23,216	-	-	-	-	-	-	-	-	-	-	-	-	23,216
925: E&S Loads	762,758	-	-	-	-	-	-	-	-	-	-	-	-	762,758
926: A&G Loads	318,390	-	-	-	-	-	-	-	-	-	-	-	-	318,390
928: AFUDC Debt	106,701	-	-	-	-	-	-	-	-	-	-	-	-	106,701
929: AFUDC Equity	153,817	-	-	-	-	-	-	-	-	-	-	-	-	153,817
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,297,714)	-	-	-	-	-	-	-	-	-	-	-	-	(7,297,714)
825: Closing Cost of Removal	(481,844)	-	-	-	-	-	-	-	-	-	-	-	-	(481,844)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60002920 **Outage Contingency Plan Impr-WFF**

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2022

Description This project will replace obsolete and failing components on the distribution system due to age and end of life criteria.

Project Need Justification Occasionally, aged and outdated components such as line structures, arrestors, overhead conductors, reclosers, capacitor banks and various supporting items fail with little or no warning. When these components fail their load is transferred to adjacent feeders until the failed piece of failed equipment is replaced. The failed equipment is then labeled as "do not restore" and the surrounding distribution system is stretched which increases risks of additional system issues. Failure to properly address the system issues result in increased System Average Interruption Duration Index (SAIDI), decreased system reliability, and an emergency situation in the event further equipment failures occur on the system.
Proper maintenance and the ability to have a team to analyze, design, and improve the system in advance of a system failure is a priority to prevent the "do not restore" situation. Options to prevent these occurrences require additional personnel and available materials to inspect lines and other equipment and implement the solutions to prevent catastrophic failures.

Project Alternatives No viable alternatives to this project exist. System maintenance is mandatory for supplying electrical service to all customers to prevent the "do not restore" option on a feeder.

Project Estimate Approach A list has been compiled of obsolete and failing components on the distribution system that needed to be replaced. Each system improvement is different and the cost associated with each improvement will not be known until each potential project is assessed.

Customer Benefit Customers benefit from this project with fewer outages, reduced damage to customer equipment and improved overall system reliability.

Primary Value Driver Reliability

Safety

Reliability This project will reduce SAIDI and improve system reliability through the replacement of obsolete and failing components on the distribution system.

System Performance Component replacements will support the system with fewer outages, reduced damage to customer equipment, and improved overall system reliability and performance.

Security

Compliance This project supports North American Electric Reliability Corporation (NERC) Protection and Control requirements for serving customers.

Environmental

Project No:	60002920 Outage Contingency Plan Impr-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	42,089	-	-	-	-	-	-	42,089
120: Overtime-General	13,528	-	-	-	-	-	-	13,528
350: Material Issues-Major	143,596	-	-	-	-	-	-	143,596
370: Outside Services	42,655	-	-	-	-	-	-	42,655
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	22,660	-	-	-	-	-	-	22,660
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,172	-	-	-	-	-	-	4,172
914: Pension and Benefits	12,360	-	-	-	-	-	-	12,360
915: Injuries and Damages	4,289	-	-	-	-	-	-	4,289
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	4,496	-	-	-	-	-	-	4,496
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	30,173	-	-	-	-	-	-	30,173
926: A&G Loads	7,115	-	-	-	-	-	-	7,115
928: AFUDC Debt	5,199	493	495	497	500	502	505	8,191
929: AFUDC Equity	16,584	1,182	1,188	1,194	1,200	1,205	1,211	23,764
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(359,088)	(359,088)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	348,916	1,675	1,683	1,691	1,699	1,708	(357,372)	0

Project No:	60002920 Outage Contingency Plan Impr-WFF													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	42,089	-	-	-	-	-	-	-	-	-	-	-	-	42,089
120: Overtime-General	13,528	-	-	-	-	-	-	-	-	-	-	-	-	13,528
350: Material Issues-Major	143,596	-	-	-	-	-	-	-	-	-	-	-	-	143,596
370: Outside Services	42,655	-	-	-	-	-	-	-	-	-	-	-	-	42,655
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	22,660	-	-	-	-	-	-	-	-	-	-	-	-	22,660
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,172	-	-	-	-	-	-	-	-	-	-	-	-	4,172
914: Pension and Benefits	12,360	-	-	-	-	-	-	-	-	-	-	-	-	12,360
915: Injuries and Damages	4,289	-	-	-	-	-	-	-	-	-	-	-	-	4,289
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,496	-	-	-	-	-	-	-	-	-	-	-	-	4,496
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	30,173	-	-	-	-	-	-	-	-	-	-	-	-	30,173
926: A&G Loads	7,115	-	-	-	-	-	-	-	-	-	-	-	-	7,115
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	8,191
929: AFUDC Equity	23,764	-	-	-	-	-	-	-	-	-	-	-	-	23,764
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(359,088)	-	-	-	-	-	-	-	-	-	-	-	-	(359,088)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No:	60002920 Outage Contingency Plan Impr-WFF													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	42,089	-	-	-	-	-	-	-	-	-	-	-	-	42,089
120: Overtime-General	13,528	-	-	-	-	-	-	-	-	-	-	-	-	13,528
350: Material Issues-Major	143,596	-	-	-	-	-	-	-	-	-	-	-	-	143,596
370: Outside Services	42,655	-	-	-	-	-	-	-	-	-	-	-	-	42,655
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	22,660	-	-	-	-	-	-	-	-	-	-	-	-	22,660
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,172	-	-	-	-	-	-	-	-	-	-	-	-	4,172
914: Pension and Benefits	12,360	-	-	-	-	-	-	-	-	-	-	-	-	12,360
915: Injuries and Damages	4,289	-	-	-	-	-	-	-	-	-	-	-	-	4,289
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,496	-	-	-	-	-	-	-	-	-	-	-	-	4,496
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	30,173	-	-	-	-	-	-	-	-	-	-	-	-	30,173
926: A&G Loads	7,115	-	-	-	-	-	-	-	-	-	-	-	-	7,115
928: AFUDC Debt	8,191	-	-	-	-	-	-	-	-	-	-	-	-	8,191
929: AFUDC Equity	23,764	-	-	-	-	-	-	-	-	-	-	-	-	23,764
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(359,088)	-	-	-	-	-	-	-	-	-	-	-	-	(359,088)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	0	-	-	-	-	-	-	-	-	-	-	-	-	0

Project No: 60003119 Distr Cable Testing - Replace 2019

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County %	Bernalillo	97%
	Sandoval	3%

Estimated Start Date 1/1/2019

Estimated Completion Date 12/31/2022

Description
This project tests underground distribution cables to determine which cable segments are failing or defective. The process incorporates field-based factory-grade testing of aging cable sections to identify possible defects and failures. Cables that do not meet required standards are either repaired and retested or replaced. Costs include engineering, project coordination, testing, material, and labor. This project generally spans a two-year period with testing completed in the first year and most of the cable replacements the following year. The replacement work involves boring, excavation, and installation of new cables, ducts, splices, and terminations.

Project Need Justification
Approximately 46% of PNM distribution lines are of overhead construction and the remaining 54% underground. The risk of not replacing aging and failing underground cable includes more frequent and extended power outages which adversely affect reliability and customer satisfaction. In many cases testing cable to determine which cable segments are bad and which are good, or have significant life left, is preferable to wholesale replacement of cable systems of a certain age. Significant costs can be avoided by not replacing good cable with new.

Project Alternatives
An alternative to preemptively testing and replacing cable is to allow cable to operate until a fault occurs. Repairs are then made by cutting out the faulted section of cable, splicing in a new section and then placing the segment back in service. Replacement of the entire cable segment would only occur after several faults and repairs have been made to that segment. Generally, this practice results in the same customers experiencing multiple outages with increasing frequency before the cable segments are replaced. Another option is to inject a substance into the cable filling voids in the insulation material to improve the integrity of insulation and extend the life of the cable. The deficiency of this technique is that it does not identify weak areas of cable first and cannot address potential problems with cable splices made during installation or at the end terminations. Cable testing is a superior approach because it provides predictive identification of cable failures before they occur allowing specific targeting and replacement of cable, reducing the number of outages experienced by customers and maximizing cable replacement dollars.

Project Estimate Approach
There are two considerations in estimating the project cost: the amount of testing and the amount of repair or replacement work. Currently PNM's target for testing is 50 to 70 circuit miles of cable per year. Testing amount is based on the number of cable segment failures per year, the age of the cable, and the cable type. Previous testing results have shown that approximately 20% or more of cable tested will require replacement. Replacement costs are estimated based on historical cable replacement costs per foot. This project includes costs for outside services, including cable testing, results analysis and reporting, and boring in new conduit, ducts, and cable. The project also includes company labor for items such as engineering, testing and construction coordination, switching, and cable termination.

Customer Benefit
Performing this work increases reliability by reducing outages, directly benefiting PNM customers.

Primary Value Driver Reliability

Safety

Reliability Performing this work reduces the frequency and length of outages, thereby increasing reliability.

System Performance

Security

Compliance New Mexico Public Regulation Commission (NMPRC) Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service is assured as reasonably possible.

Environmental

Project No:	60003119 Distr Cable Testing - Replace 2019							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	51,796	-	-	-	-	-	-	51,796
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	347,845	-	-	-	-	-	-	347,845
370: Outside Services	4,400,474	-	-	-	-	-	-	4,400,474
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,922	-	-	-	-	-	-	1,922
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,012	-	-	-	-	-	-	4,012
914: Pension and Benefits	12,762	-	-	-	-	-	-	12,762
915: Injuries and Damages	4,023	-	-	-	-	-	-	4,023
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	38,678	-	-	-	-	-	-	38,678
922: Minor Material Load	27,847	-	-	-	-	-	-	27,847
925: E&S Loads	524,519	-	-	-	-	-	-	524,519
926: A&G Loads	295,866	-	-	-	-	-	-	295,866
928: AFUDC Debt	27,188	67	68	68	68	69	69	27,597
929: AFUDC Equity	53,479	162	163	163	164	165	166	54,461
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,582,451)	-	-	-	-	-	(49,113)	(5,631,563)
825: Closing Cost of Removal	(187,824)	-	-	-	-	-	5,961	(181,863)
Project Net	20,136	229	230	231	232	234	(42,917)	(21,624)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	51,796	-	-	-	-	-	-	-	-	-	-	-	-	51,796
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	347,845	-	-	-	-	-	-	-	-	-	-	-	-	347,845
370: Outside Services	4,400,474	-	-	-	-	-	-	-	-	-	-	-	-	4,400,474
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,922	-	-	-	-	-	-	-	-	-	-	-	-	1,922
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,012	-	-	-	-	-	-	-	-	-	-	-	-	4,012
914: Pension and Benefits	12,762	-	-	-	-	-	-	-	-	-	-	-	-	12,762
915: Injuries and Damages	4,023	-	-	-	-	-	-	-	-	-	-	-	-	4,023
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	38,678	-	-	-	-	-	-	-	-	-	-	-	-	38,678
922: Minor Material Load	27,847	-	-	-	-	-	-	-	-	-	-	-	-	27,847
925: E&S Loads	524,519	-	-	-	-	-	-	-	-	-	-	-	-	524,519
926: A&G Loads	295,866	-	-	-	-	-	-	-	-	-	-	-	-	295,866
928: AFUDC Debt	27,597	-	-	-	-	-	-	-	-	-	-	-	-	27,597
929: AFUDC Equity	54,461	-	-	-	-	-	-	-	-	-	-	-	-	54,461
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,631,563)	-	-	-	-	-	-	-	-	-	-	-	-	(5,631,563)
825: Closing Cost of Removal	(181,863)	-	-	-	-	-	-	-	-	-	-	-	-	(181,863)
Project Net	(21,624)	-	-	-	-	-	-	-	-	-	-	-	-	(21,624)

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	51,796	-	-	-	-	-	-	-	-	-	-	-	-	51,796
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	347,845	-	-	-	-	-	-	-	-	-	-	-	-	347,845
370: Outside Services	4,400,474	-	-	-	-	-	-	-	-	-	-	-	-	4,400,474
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,922	-	-	-	-	-	-	-	-	-	-	-	-	1,922
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,012	-	-	-	-	-	-	-	-	-	-	-	-	4,012
914: Pension and Benefits	12,762	-	-	-	-	-	-	-	-	-	-	-	-	12,762
915: Injuries and Damages	4,023	-	-	-	-	-	-	-	-	-	-	-	-	4,023
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	38,678	-	-	-	-	-	-	-	-	-	-	-	-	38,678
922: Minor Material Load	27,847	-	-	-	-	-	-	-	-	-	-	-	-	27,847
925: E&S Loads	524,519	-	-	-	-	-	-	-	-	-	-	-	-	524,519
926: A&G Loads	295,866	-	-	-	-	-	-	-	-	-	-	-	-	295,866
928: AFUDC Debt	27,597	-	-	-	-	-	-	-	-	-	-	-	-	27,597
929: AFUDC Equity	54,461	-	-	-	-	-	-	-	-	-	-	-	-	54,461
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,631,563)	-	-	-	-	-	-	-	-	-	-	-	-	(5,631,563)
825: Closing Cost of Removal	(181,863)	-	-	-	-	-	-	-	-	-	-	-	-	(181,863)
Project Net	(21,624)	-	-	-	-	-	-	-	-	-	-	-	-	(21,624)

Project No: 60003421 **Underground Cable-WFF**

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County %	Bernalillo	Santa Fe
	80%	20%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2027

Description

This project addresses the aging underground distribution cables. The effort includes the installation of new conduit and conductors.

Project Need Justification

The purpose of this project is to replace underground cable that has multiple splices and/or approaching the end of their useful life. Cable sections are prioritized by number of outages experienced by customers. Existing direct buried cable will be abandoned in place to reduce construction cost. New cable will be installed in conduit to extend the life of the cable and to help facilitate future replacement of the cable if a fault occurs.

Project Alternatives

An alternative to this project is to repair underground cable faults reactively. This alternative was not considered as this would mean longer outages for customers while the cable fault location is found and a greater chance for a call back as the cable may fault in another location further down/up stream.

Project Estimate Approach

The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit

Customers benefit through reduced outage durations, which come from more reliable and accessible equipment.

Primary Value Driver Reliability

Safety

Reliability By replacing aging underground distribution infrastructure to improve grid performance, electric service reliability to customers increases.

System Performance

Security

Compliance

Environmental

Project No:

	60003421 Underground Cable-WFF							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	67,030	1,262	2,529	1,262	2,529	1,262	1,262	77,138
120: Overtime-General	2,425	-	-	-	-	-	-	2,425
350: Material Issues-Major	2,450,302	443,270	163,357	443,270	163,357	443,270	443,270	4,550,096
370: Outside Services	3,593,350	277,369	58,017	277,369	58,017	277,369	277,369	4,818,861
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	25,830	112	25	112	25	112	112	26,329
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,226	96	191	96	191	96	96	5,991
914: Pension and Benefits	15,450	272	544	272	544	272	272	17,625
915: Injuries and Damages	5,425	108	217	108	217	108	108	6,290
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	144,476	118,863	43,804	118,863	43,804	118,863	118,863	707,536
922: Minor Material Load	142,516	-	-	-	-	-	-	142,516
925: E&S Loads	578,061	90,311	28,110	90,311	28,110	90,311	90,311	995,526
926: A&G Loads	317,092	28,592	8,868	28,592	8,868	28,592	28,592	449,194
928: AFUDC Debt	25,496	3,576	3,542	3,596	3,558	3,608	3,974	47,350
929: AFUDC Equity	81,804	8,584	8,501	8,630	8,539	8,660	9,539	134,256
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(4,521,483)	(596,525)	(533,425)	(598,190)	(534,768)	(599,272)	(2,278,939)	(9,662,600)
825: Closing Cost of Removal	(189,440)	(146,671)	(124,672)	(122,784)	(105,563)	(107,497)	(381,652)	(1,178,278)
Project Net	2,743,561	229,219	(340,392)	251,506	(322,572)	265,754	(1,686,823)	1,140,253

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	77,138	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	517,138
120: Overtime-General	2,425	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	90,425
350: Material Issues-Major	4,550,096	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	5,870,096
370: Outside Services	4,818,861	130,208	130,208	130,208	130,208	630,208	630,208	130,208	130,208	130,208	130,208	130,208	130,208	7,381,360
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	26,329	-	-	-	-	-	-	-	-	-	-	-	-	26,329
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,991	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	45,749
914: Pension and Benefits	17,625	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	139,224
915: Injuries and Damages	6,290	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	58,826
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	707,536	31,181	31,181	31,181	31,181	31,181	31,181	31,181	31,181	31,181	31,181	31,181	31,181	1,081,703
922: Minor Material Load	142,516	-	-	-	-	-	-	-	-	-	-	-	-	142,516
925: E&S Loads	995,526	34,734	34,734	34,734	34,734	92,234	92,234	34,734	34,734	34,734	34,734	34,734	34,734	1,527,331
926: A&G Loads	449,194	10,203	10,203	10,203	10,203	28,153	28,153	10,203	10,203	10,203	10,203	10,203	10,203	607,531
928: AFUDC Debt	47,350	2,427	2,308	2,492	2,640	3,298	4,256	4,489	4,245	4,049	3,892	3,765	3,664	88,877
929: AFUDC Equity	134,256	3,096	2,945	3,179	3,368	4,206	5,430	5,726	5,415	5,166	4,965	4,803	4,673	187,229
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(9,662,600)	(394,495)	(251,703)	(269,051)	(282,997)	(395,732)	(486,356)	(457,683)	(434,633)	(416,104)	(401,209)	(389,235)	(1,328,634)	(15,170,431)
825: Closing Cost of Removal	(1,178,278)	(62,683)	(38,328)	(39,738)	(40,866)	(55,579)	(67,350)	(62,955)	(59,440)	(56,627)	(54,378)	(52,578)	(178,982)	(1,947,781)
Project Net	1,140,253	(73,505)	93,373	75,033	60,296	509,793	409,580	(132,272)	(106,262)	(85,366)	(68,579)	(55,094)	(1,121,129)	646,121

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	517,138	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	36,667	957,138
120: Overtime-General	90,425	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	7,333	178,425
350: Material Issues-Major	5,870,096	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	6,110,096
370: Outside Services	7,381,360	150,000	150,000	650,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	9,681,360
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	26,329	-	-	-	-	-	-	-	-	-	-	-	-	26,329
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	45,749	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	3,313	85,508
914: Pension and Benefits	139,224	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	10,133	260,822
915: Injuries and Damages	58,826	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	4,378	111,362
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,081,703	5,669	5,669	5,669	5,669	5,669	5,669	5,669	5,669	5,669	5,669	5,669	5,669	1,149,733
922: Minor Material Load	142,516	-	-	-	-	-	-	-	-	-	-	-	-	142,516
925: E&S Loads	1,527,331	26,660	26,660	84,160	26,660	26,660	26,660	26,660	26,660	26,660	26,660	26,660	26,660	1,904,748
926: A&G Loads	607,531	9,309	9,309	31,059	9,309	9,309	9,309	9,309	9,309	9,309	9,309	9,309	9,309	740,989
928: AFUDC Debt	88,877	1,239	1,239	1,844	2,238	2,188	2,148	2,116	2,091	2,070	2,053	2,040	2,029	112,172
929: AFUDC Equity	187,229	2,148	2,148	3,196	3,879	3,793	3,724	3,669	3,624	3,588	3,559	3,536	3,517	227,611
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(15,170,431)	(244,035)	(162,690)	(281,237)	(274,342)	(268,800)	(264,344)	(260,761)	(257,881)	(255,566)	(253,705)	(252,208)	(878,518)	(18,824,518)
825: Closing Cost of Removal	(1,947,781)	(32,857)	(21,896)	(37,982)	(36,949)	(36,122)	(35,461)	(34,932)	(34,508)	(34,170)	(33,899)	(33,682)	(117,281)	(2,437,520)
Project Net	646,121	(41)	92,264	538,533	(31,712)	(25,478)	(20,470)	(16,446)	(13,213)	(10,616)	(8,529)	(6,852)	(716,791)	426,771

Project No: 60003520 Relay Distribution IA

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2027

Description
This project covers funding for capital improvements to replace distribution protection systems components.

Project Need Justification
Protective relays and associated equipment protect PNM equipment and the safety of PNM personnel and the general public. Obsolete relays and associated equipment are frequently no longer supported by manufacturers and cannot be repaired. Missing relay equipment or nonfunctioning protective schemes place the reliability of PNM's grid and the safety of the public and PNM personnel at risk.

Project Alternatives
There are no good alternatives to this project. Without capital available to replace or repair equipment, these smaller projects are managed under the large projects umbrella and likely will not be completed.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customer benefit is derived from better system protection and increased system reliability as obsolete relays and schemes are replaced.

Primary Value Driver Reliability

Safety

Reliability The improvements derived from the replacement of obsolete relays creates a better performing protection system, and increased overall reliability.

System Performance

Security

Compliance

Environmental

Project No:	60003520 Relay Distribution IA							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	2,295	1,000	1,000	1,000	1,000	1,000	832	8,127
120: Overtime-General	65	-	-	-	-	-	-	65
350: Material Issues-Major	3,557	2,000	2,000	2,000	2,000	2,000	1,300	14,857
370: Outside Services	41	-	-	-	-	-	-	41
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	320	-	-	-	-	-	-	320
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	177	76	76	76	76	76	63	618
914: Pension and Benefits	523	215	215	215	215	215	179	1,778
915: Injuries and Damages	179	86	86	86	86	86	71	678
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	20	536	536	536	536	536	349	3,051
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	970	422	422	422	422	422	306	3,386
926: A&G Loads	357	119	119	119	119	119	84	1,036
928: AFUDC Debt	8	3	8	14	19	25	30	108
929: AFUDC Equity	29	7	20	33	47	60	72	268
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(7,668)	-	-	-	-	-	(22,737)	(30,405)
825: Closing Cost of Removal	(873)	-	-	-	-	-	(3,054)	(3,927)
Project Net	(0)	4,463	4,482	4,501	4,520	4,539	(22,505)	0

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	8,127	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	832	19,959
120: Overtime-General	65	-	-	-	-	-	-	-	-	-	-	-	-	65
350: Material Issues-Major	14,857	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,300	38,157
370: Outside Services	41	-	-	-	-	-	-	-	-	-	-	-	-	41
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	320	-	-	-	-	-	-	-	-	-	-	-	-	320
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	618	75	75	75	75	75	75	75	75	75	75	75	63	1,509
914: Pension and Benefits	1,778	230	230	230	230	230	230	230	230	230	230	230	192	4,503
915: Injuries and Damages	678	100	100	100	100	100	100	100	100	100	100	100	83	1,855
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,051	567	567	567	567	567	567	567	567	567	567	567	369	9,655
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	3,386	392	392	392	392	392	392	392	392	392	392	392	284	7,978
926: A&G Loads	1,036	108	108	108	108	108	108	108	108	108	108	108	77	2,297
928: AFUDC Debt	108	4	11	17	23	29	34	40	46	52	58	64	69	556
929: AFUDC Equity	268	5	14	22	29	36	44	51	59	67	74	82	88	840
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(30,405)	(665)	(1,246)	(1,245)	(1,244)	(1,243)	(1,241)	(1,240)	(1,239)	(1,238)	(1,236)	(1,235)	(34,045)	(77,521)
825: Closing Cost of Removal	(3,927)	(90)	(169)	(169)	(168)	(168)	(167)	(167)	(166)	(166)	(165)	(165)	(4,527)	(10,213)
Project Net	0	3,725	3,082	3,096	3,111	3,126	3,141	3,156	3,172	3,187	3,202	3,218	(35,217)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	19,959	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	832	31,791
120: Overtime-General	65	-	-	-	-	-	-	-	-	-	-	-	-	65
350: Material Issues-Major	38,157	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,300	61,457
370: Outside Services	41	-	-	-	-	-	-	-	-	-	-	-	-	41
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	320	-	-	-	-	-	-	-	-	-	-	-	-	320
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,509	75	75	75	75	75	75	75	75	75	75	75	63	2,400
914: Pension and Benefits	4,503	230	230	230	230	230	230	230	230	230	230	230	192	7,228
915: Injuries and Damages	1,855	100	100	100	100	100	100	100	100	100	100	100	83	3,032
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	9,655	567	567	567	567	567	567	567	567	567	567	567	369	16,260
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	7,978	392	392	392	392	392	392	392	392	392	392	392	284	12,569
926: A&G Loads	2,297	131	131	131	131	131	131	131	131	131	131	131	93	3,825
928: AFUDC Debt	556	4	9	14	19	24	29	34	39	44	49	55	59	937
929: AFUDC Equity	840	6	16	25	33	42	51	59	68	77	86	95	102	1,500
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(77,521)	(668)	(1,252)	(1,251)	(1,250)	(1,249)	(1,248)	(1,247)	(1,245)	(1,244)	(1,243)	(1,242)	(34,232)	(124,894)
825: Closing Cost of Removal	(10,213)	(91)	(170)	(170)	(169)	(168)	(168)	(167)	(167)	(166)	(166)	(165)	(4,550)	(16,531)
Project Net	-	3,745	3,098	3,113	3,128	3,143	3,158	3,174	3,189	3,205	3,220	3,236	(35,407)	-

Project No: 60003620 Van Buren Substation Metering

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Union 100%

Estimated Start Date 3/1/2020

Estimated Completion Date 7/31/2023

Description
This project covers the installation of new metering, communication, and relay equipment at the Van Buren Substation in order to enable automatic monitoring of load data via PNM's Supervisory Control and Data Acquisition (SCADA) system.

Project Need Justification
Current equipment installed at the Van Buren substation does not allow for automatic real-time monitoring of load data. In order for Distribution Planning to see load data, PNM crews must manually change charts to see transformer usage. As a result, PNM's Distribution Planning function does not have as much visibility into load data, which can be used to identify and resolve potential issues before they manifest themselves into larger problems that likely would require more time, effort, and cost to resolve.

This project will install the communication equipment and relays necessary to monitor the load at Van Buren Substation more proactively via PNM's SCADA system.

Project Alternatives
The only alternative would be do do nothing. If this project is not completed PNM crews and Distribution Planning will have to monitor historical load data with charts and not have access to real-time data which would improve system operations.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Distribution Planning will be able to better model and monitor the feeders for peak load accuracy and for any problems reported on the system. This increased monitoring will provide better reliability for PNM customers.

Primary Value Driver Reliability

Safety

Reliability
The new metering equipment will enable the use of SCADA monitoring which will allow for better peak load accuracy modeling and provides better visibility for Distribution Operations of the system and any potential reliability issues/potential improvements.

System Performance

Security

Compliance

Environmental

Project No:	60003620 Van Buren Substation Metering							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	148	-	-	-	-	-	-	148
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	36,504	-	-	-	-	-	-	36,504
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	3	-	-	-	-	-	-	3
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	11	-	-	-	-	-	-	11
914: Pension and Benefits	33	-	-	-	-	-	-	33
915: Injuries and Damages	13	-	-	-	-	-	-	13
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	113	-	-	-	-	-	-	113
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	3,566	-	-	-	-	-	-	3,566
926: A&G Loads	1,451	-	-	-	-	-	-	1,451
928: AFUDC Debt	64	53	54	54	54	55	55	388
929: AFUDC Equity	152	128	129	130	130	131	131	932
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(38,979)	(38,979)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	42,059	182	183	184	184	185	(38,792)	4,184

Project No:	60003620 Van Buren Substation Metering													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	148	-	-	-	-	-	-	20,000	-	-	-	-	-	20,148
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	35,000	-	-	-	-	-	35,000
370: Outside Services	36,504	-	-	-	-	-	-	80,000	-	-	-	-	-	116,504
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3	-	-	-	-	-	-	-	-	-	-	-	-	3
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	11	-	-	-	-	-	-	1,506	-	-	-	-	-	1,517
914: Pension and Benefits	33	-	-	-	-	-	-	4,606	-	-	-	-	-	4,639
915: Injuries and Damages	13	-	-	-	-	-	-	1,990	-	-	-	-	-	2,003
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	113	-	-	-	-	-	-	9,921	-	-	-	-	-	10,034
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	3,566	-	-	-	-	-	-	16,457	-	-	-	-	-	20,023
926: A&G Loads	1,451	-	-	-	-	-	-	4,847	-	-	-	-	-	6,298
928: AFUDC Debt	388	-	-	-	-	-	-	-	-	-	-	-	-	388
929: AFUDC Equity	932	-	-	-	-	-	-	-	-	-	-	-	-	932
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(38,979)	-	-	-	-	-	-	(153,407)	-	-	-	-	-	(192,386)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(25,103)	-	-	-	-	-	(25,103)
Project Net	4,184	-	-	-	-	-	-	(4,184)	-	-	-	-	-	-

Project No:	60003620 Van Buren Substation Metering													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	20,148	-	-	-	-	-	-	-	-	-	-	-	-	20,148
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	35,000	-	-	-	-	-	-	-	-	-	-	-	-	35,000
370: Outside Services	116,504	-	-	-	-	-	-	-	-	-	-	-	-	116,504
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	3	-	-	-	-	-	-	-	-	-	-	-	-	3
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,517	-	-	-	-	-	-	-	-	-	-	-	-	1,517
914: Pension and Benefits	4,639	-	-	-	-	-	-	-	-	-	-	-	-	4,639
915: Injuries and Damages	2,003	-	-	-	-	-	-	-	-	-	-	-	-	2,003
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,034	-	-	-	-	-	-	-	-	-	-	-	-	10,034
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	20,023	-	-	-	-	-	-	-	-	-	-	-	-	20,023
926: A&G Loads	6,298	-	-	-	-	-	-	-	-	-	-	-	-	6,298
928: AFUDC Debt	388	-	-	-	-	-	-	-	-	-	-	-	-	388
929: AFUDC Equity	932	-	-	-	-	-	-	-	-	-	-	-	-	932
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(192,386)	-	-	-	-	-	-	-	-	-	-	-	-	(192,386)
825: Closing Cost of Removal	(25,103)	-	-	-	-	-	-	-	-	-	-	-	-	(25,103)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60003621 Distr Comm Improvement 2021-2025

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 1/1/2021

Estimated Completion Date 12/31/2025

Description

This project is part of a continuing effort to upgrade PNM's telecommunications systems to support increased monitoring of the distribution system. The project will increase the number of supervisory control and data acquisition (SCADA) collection points throughout metro Albuquerque, which will reduce the number of substations per collection point (SCADA repeater). SCADA is the control system architecture comprised of computers, networked data communications and graphical user interfaces for the high level supervision, monitoring, and control of remote electrical stations. A SCADA repeater is necessary in some of these areas to ensure the signal path's integrity from beginning to end.

Project Need Justification

These upgrades will reduce the impact of SCADA outages, and reduce the number of outages, by allowing communications personnel to respond to site issues before an outage occurs. The project will also provide monitoring of existing SCADA sites.

Project Alternatives

The only alternative is to do nothing. This option would continue the status quo of outages to the SCADA system, which causes a loss of monitoring and control over the distribution system and, in some cases, the loss of monitoring of the transmission system.

Project Estimate Approach

Project costs were determined by evaluating distribution SCADA and end of life components. Each site's components were evaluated for redundant paths and equipment. In addition, PNM Engineering labor plus an external review engineer will be provided for each site, and internal PNM labor will be utilized to construct, install, commission new materials and remove the obsolete materials. This portion assumed 120 man-hours per site. Project Management was contracted to order/secure materials.

Customer Benefit

Customers will see a reduction in the duration of outages as PNM will be better able to monitor the load on its distribution system and make adjustments as needed to avoid equipment failures and other issues that could result outages.

Primary Value Driver Reliability

Safety

Reliability PNM will be better able to monitor the load on its distribution system and make adjustments as needed to avoid equipment failures and other issues that could result outages. The additional visibility into system conditions should also reduce the amount of time needed to identify the cause of and address system interruptions.

System Performance

Security

Compliance

Environmental

Project No:	60003621 Distr Comm Improvement 2021-2025							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	5,677	-	-	-	-	-	-	5,677
120: Overtime-General	1,593	-	-	-	-	-	-	1,593
350: Material Issues-Major	68,905	-	-	-	-	-	-	68,905
370: Outside Services	359	6,708	6,708	6,708	6,708	6,708	6,708	40,609
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,878	-	-	-	-	-	-	1,878
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	547	-	-	-	-	-	-	547
914: Pension and Benefits	1,605	-	-	-	-	-	-	1,605
915: Injuries and Damages	581	-	-	-	-	-	-	581
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,169	-	-	-	-	-	-	2,169
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	8,269	839	839	839	839	839	839	13,300
926: A&G Loads	4,613	266	266	266	266	266	266	6,207
928: AFUDC Debt	885	85	95	105	116	126	136	1,549
929: AFUDC Equity	2,937	204	229	253	278	302	327	4,530
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(43,060)	-	-	-	-	-	(100,403)	(143,463)
825: Closing Cost of Removal	-	-	-	-	-	-	(5,685)	(5,685)
Project Net	56,956	8,102	8,137	8,171	8,206	8,241	(97,813)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	5,677	-	-	-	-	-	-	-	-	-	-	-	-	5,677
120: Overtime-General	1,593	-	-	-	-	-	-	-	-	-	-	-	-	1,593
350: Material Issues-Major	68,905	-	-	-	-	-	-	-	-	-	-	-	-	68,905
370: Outside Services	40,609	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	121,109
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,878	-	-	-	-	-	-	-	-	-	-	-	-	1,878
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	547	-	-	-	-	-	-	-	-	-	-	-	-	547
914: Pension and Benefits	1,605	-	-	-	-	-	-	-	-	-	-	-	-	1,605
915: Injuries and Damages	581	-	-	-	-	-	-	-	-	-	-	-	-	581
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,169	-	-	-	-	-	-	-	-	-	-	-	-	2,169
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	13,300	771	771	771	771	771	771	771	771	771	771	771	771	22,557
926: A&G Loads	6,207	241	241	241	241	241	241	241	241	241	241	241	241	9,097
928: AFUDC Debt	1,549	7	22	36	51	66	80	95	110	125	140	155	170	2,607
929: AFUDC Equity	4,530	9	28	46	65	84	102	121	140	160	179	198	217	5,880
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(143,463)	-	-	-	-	-	-	-	-	-	-	-	(83,937)	(227,400)
825: Closing Cost of Removal	(5,685)	-	-	-	-	-	-	-	-	-	-	-	(11,118)	(16,803)
Project Net	(0)	7,737	7,770	7,803	7,836	7,870	7,903	7,937	7,971	8,005	8,039	8,074	(86,946)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	5,677	-	-	-	-	-	-	-	-	-	-	-	-	5,677
120: Overtime-General	1,593	-	-	-	-	-	-	-	-	-	-	-	-	1,593
350: Material Issues-Major	68,905	-	-	-	-	-	-	-	-	-	-	-	-	68,905
370: Outside Services	121,109	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	6,708	201,609
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,878	-	-	-	-	-	-	-	-	-	-	-	-	1,878
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	547	-	-	-	-	-	-	-	-	-	-	-	-	547
914: Pension and Benefits	1,605	-	-	-	-	-	-	-	-	-	-	-	-	1,605
915: Injuries and Damages	581	-	-	-	-	-	-	-	-	-	-	-	-	581
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,169	-	-	-	-	-	-	-	-	-	-	-	-	2,169
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	22,557	771	771	771	771	771	771	771	771	771	771	771	771	31,815
926: A&G Loads	9,097	292	292	292	292	292	292	292	292	292	292	292	292	12,598
928: AFUDC Debt	2,607	6	18	31	43	56	68	81	94	106	119	132	145	3,507
929: AFUDC Equity	5,880	11	32	53	75	97	118	140	162	184	207	229	251	7,440
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(227,400)	-	-	-	-	-	-	-	-	-	-	-	(84,529)	(311,929)
825: Closing Cost of Removal	(16,803)	-	-	-	-	-	-	-	-	-	-	-	(11,191)	(27,994)
Project Net	-	7,788	7,822	7,856	7,890	7,924	7,958	7,993	8,028	8,062	8,098	8,133	(87,552)	(0)

Project No: 60003623 Aspen Substation

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 7/1/2022

Estimated Completion Date 12/31/2025

Description

The Aspen substation, which serves the greater Albuquerque area, has aging equipment that is decades old and nearing the end of its useful life. This aged equipment increases the probability of equipment failure which could result in outages. This project involves replace aging equipment in the substation that has been identified as high risk for future failures. The two major scopes of work for this project are replacing in-kind the existing switchgear (used to distribute power to the local neighborhood and protect utility equipment) and replacing the power transformer (used to step down voltage from a transmission level to distribution level) with a larger unit with additional capacity. This project will also involve installing new distribution vacuum circuit breakers, new microprocessor relays (which will replace older electro-mechanical relays), high-side interrupters, upgraded power cables on the low voltage side of the transformer, and individual outgoing distribution feeder circuits exiting the new switchgear unit.

Project Need Justification

PNM routinely evaluates the equipment on its system to identify assets that need to be replaced, modernized, and upgraded as part of the PNM Infrastructure Investment Program (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. Proactively replacing aging equipment would greatly increase overall system reliability and resiliency in the greater Albuquerque area. Expanding the size of the substation will also make it more secure by removing public accessibility to an area often used by people without homes.

Project Alternatives

The main alternative would be to keep the existing assets in place and allow them to operate until failure. Upon failure, there would be an immediate outage impacting the local neighborhood which would require emergency replacement efforts which typically entail higher costs and longer outages.

Project Estimate Approach

The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment to be purchased, and estimating models from previous installations were used to determine costs for the other elements of the project scope.

Customer Benefit

The purchase and installation of a new power transformer and switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. An additional benefit for this project is the additional power capacity of the power transformer, allowing PNM more flexibility to support adjacent customer loads on farther out distribution circuits through this site. Lastly, installing sectionalizing circuit breakers at the site allows for the site to remain energized during a transmission line fault event (which is not currently the case).

Primary Value Driver Reliability

Safety

Reliability Replacing the aged switchgear and power transformer would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would also enhance the management of each feeder into the neighborhood.

System Performance The new switchgear and power transformer will perform better than the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area.

Security Expanding the site perimeter wall will allow for more robust security for laying down materials and equipment during maintenance or construction work.

Compliance

Environmental

Project No:	60003623 Aspen Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	5,938	4,227	18,083	28,227	4,227	4,227	64,928
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	112,826	-	263,260	456,000	-	-	832,086
370: Outside Services	-	-	38,041	38,041	38,041	38,041	38,041	190,204
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	450	320	1,369	2,137	320	320	4,915
914: Pension and Benefits	-	1,278	910	3,891	6,074	910	910	13,972
915: Injuries and Damages	-	508	362	1,548	2,416	362	362	5,558
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	30,254	-	70,593	122,276	-	-	223,124
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	15,125	5,482	40,774	66,612	5,482	5,482	138,958
926: A&G Loads	-	4,703	1,674	12,648	20,682	1,674	1,674	43,054
928: AFUDC Debt	-	106	245	557	1,301	1,800	1,872	5,882
929: AFUDC Equity	-	255	588	1,338	3,123	4,321	4,494	14,118
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	171,443	51,847	452,101	746,888	57,136	57,381	1,536,797

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	64,928	23,270	28,770	6,061	6,061	27,572	73,891	85,467	25,538	32,767	19,860	19,860	19,860	433,907
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	832,086	326,967	431,465	-	-	408,709	210,936	123,581	107,866	245,225	-	-	-	2,686,836
370: Outside Services	190,204	54,553	54,553	54,553	54,553	54,553	178,744	243,441	178,744	178,744	178,744	178,744	178,744	1,778,872
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	74,149	74,149	-	-	-	-	-	148,298
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,915	1,752	2,166	456	456	2,076	5,564	6,436	1,923	2,467	1,495	1,495	1,495	32,699
914: Pension and Benefits	13,972	5,359	6,626	1,396	1,396	6,350	17,017	19,683	5,881	7,546	4,574	4,574	4,574	98,948
915: Injuries and Damages	5,558	2,315	2,863	603	603	2,743	7,352	8,504	2,541	3,260	1,976	1,976	1,976	42,271
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	223,124	92,682	122,303	-	-	115,853	59,792	35,030	30,576	69,512	-	-	-	748,871
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	138,958	47,635	60,541	7,253	7,253	57,730	65,280	64,545	37,087	54,051	23,765	23,765	23,765	611,627
926: A&G Loads	43,054	14,532	18,481	2,176	2,176	17,621	19,304	18,906	11,206	16,397	7,130	7,130	7,130	185,243
928: AFUDC Debt	5,882	3,413	4,642	5,413	5,575	6,318	7,663	9,002	10,057	11,052	11,898	12,400	12,905	106,222
929: AFUDC Equity	14,118	4,353	5,922	6,905	7,112	8,060	9,776	11,484	12,829	14,098	15,178	15,818	16,462	142,114
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,536,797	576,831	738,332	84,817	85,186	707,585	729,468	700,229	424,248	635,120	264,620	265,763	266,911	7,015,908

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	433,907	6,061	6,061	6,061	6,061	-	-	-	-	-	-	-	-	458,153
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,686,836	-	-	-	-	-	-	-	-	-	-	-	-	2,686,836
370: Outside Services	1,778,872	818,337	54,553	54,553	54,553	-	-	-	-	-	-	-	-	2,760,868
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	148,298	-	-	-	-	-	-	-	-	-	-	-	-	148,298
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	32,699	456	456	456	456	-	-	-	-	-	-	-	-	34,525
914: Pension and Benefits	98,948	1,396	1,396	1,396	1,396	-	-	-	-	-	-	-	-	104,532
915: Injuries and Damages	42,271	603	603	603	603	-	-	-	-	-	-	-	-	44,684
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	748,871	-	-	-	-	-	-	-	-	-	-	-	-	748,871
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	611,627	95,088	7,253	7,253	7,253	-	-	-	-	-	-	-	-	728,474
926: A&G Loads	185,243	35,861	2,637	2,637	2,637	-	-	-	-	-	-	-	-	229,014
928: AFUDC Debt	106,222	11,906	12,779	12,957	13,136	13,258	-	-	-	-	-	-	-	170,258
929: AFUDC Equity	142,114	20,638	22,152	22,461	22,771	22,983	-	-	-	-	-	-	-	253,118
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	(7,414,320)	-	-	-	-	-	-	-	(7,414,320)
825: Closing Cost of Removal	-	-	-	-	-	(953,311)	-	-	-	-	-	-	-	(953,311)
Project Net	7,015,908	990,347	107,890	108,377	108,867	(8,331,389)	-	-	-	-	-	-	-	0

Project No: 60004023 FOMA13 Feeder Backbone Rebuild OH

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Santa Fe 100%

Estimated Start Date 2/1/2022

Estimated Completion Date 10/30/2024

Description
The Fort Marcy 13 Overhead (FOMA13 OH) project includes the demolition and construction of the FOMA13 distribution feeder. The project will consist of a complete rebuild of approximately 5.09 miles of the FOMA13 backbone (3 phase primary) in the Albuquerque metro region. This will involve upgrading ~ 180 poles to ensure they are the standard height and class, upgrading ~ 26,875 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's FOMA13 Feeder which serves over 8,974 customers and has, over the last several years, experienced 24 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the FOMA13 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No:	60004023 FOMA13 Feeder Backbone Rebuild OH							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	113,333	113,333	113,333	113,333	113,333	113,333	680,000
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	30,390	30,390	30,390	30,390	30,390	30,390	182,342
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	14,167	14,167	14,167	14,167	14,167	14,167	85,000
926: A&G Loads	-	4,488	4,488	4,488	4,488	4,488	4,488	26,928
928: AFUDC Debt	-	101	303	506	711	916	1,122	3,659
929: AFUDC Equity	-	242	728	1,215	1,705	2,198	2,693	8,781
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	162,721	163,409	164,100	164,794	165,492	166,193	986,709

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	4,710	4,710	6,736	6,736	6,736	2,683	2,683	2,683	2,683	1,062	1,062	42,487
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	680,000	-	-	-	-	-	-	-	-	-	-	-	-	680,000
370: Outside Services	-	-	42,388	42,388	60,625	60,625	60,625	24,151	24,151	24,151	24,151	9,562	9,562	382,380
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	355	355	507	507	507	202	202	202	202	80	80	3,199
914: Pension and Benefits	-	-	1,085	1,085	1,551	1,551	1,551	618	618	618	618	245	245	9,785
915: Injuries and Damages	-	-	469	469	670	670	670	267	267	267	267	106	106	4,227
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	182,342	-	-	-	-	-	-	-	-	-	-	-	-	182,342
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	85,000	-	5,636	5,636	8,060	8,060	8,060	3,211	3,211	3,211	3,211	1,271	1,271	135,839
926: A&G Loads	26,928	-	1,691	1,691	2,418	2,418	2,418	963	963	963	963	381	381	42,181
928: AFUDC Debt	3,659	1,849	1,911	2,025	2,163	2,325	2,487	2,604	2,677	2,750	2,823	2,878	2,916	33,066
929: AFUDC Equity	8,781	2,359	2,438	2,584	2,760	2,965	3,172	3,322	3,414	3,507	3,601	3,672	3,720	46,294
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	986,709	4,208	60,681	60,942	85,492	85,858	86,227	38,022	38,187	38,353	38,520	19,258	19,343	1,561,801

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	42,487	309	431	860	860	40,151	39,723	39,723	39,723	39,291	-	-	-	243,558
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	680,000	58,005	58,005	58,005	58,005	58,005	58,005	58,005	58,005	58,005	58,005	-	-	1,260,052
370: Outside Services	382,380	2,783	3,883	7,739	7,739	217,320	213,463	213,463	213,463	209,581	240,069	-	-	1,711,884
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	21,606	21,606	21,606	21,606	21,606	-	-	-	108,031
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,199	23	32	65	65	3,023	2,991	2,991	2,991	2,959	-	-	-	18,340
914: Pension and Benefits	9,785	71	99	198	198	9,247	9,148	9,148	9,148	9,049	-	-	-	56,091
915: Injuries and Damages	4,227	31	43	86	86	3,995	3,952	3,952	3,952	3,909	-	-	-	24,234
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	182,342	16,442	16,442	16,442	16,442	16,442	16,442	16,442	16,442	16,442	16,442	-	-	346,764
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	135,839	7,041	7,187	7,700	7,700	40,635	40,122	40,122	40,122	39,606	34,279	-	-	400,352
926: A&G Loads	42,181	2,658	2,711	2,897	2,897	14,663	14,477	14,477	14,477	14,289	12,966	-	-	138,692
928: AFUDC Debt	33,066	2,556	2,708	2,866	3,028	3,454	4,139	4,823	5,511	6,198	286	-	-	68,635
929: AFUDC Equity	46,294	4,431	4,694	4,968	5,250	5,987	7,174	8,361	9,553	10,744	496	-	-	107,950
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	(3,648,491)	(319,132)	-	-	(3,967,623)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	(473,548)	(43,411)	-	-	(516,960)
Project Net	1,561,801	94,349	96,236	101,825	102,269	434,528	431,244	433,114	434,994	(3,690,360)	-	-	-	(0)

Project No: 60004223 GA0000 Feeder Laterals Rebuild

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Lincoln 100%

Estimated Start Date 5/1/2023

Estimated Completion Date 11/30/2024

Description
The GA0000 project includes the demolition and construction of the GA0000 distribution feeder. The project will consist of a complete rebuild of approximately 12.26 miles of the GA0000 backbone (3 phase primary). This will involve upgrading ~ 432 poles to ensure they are the standard height and class, upgrading ~ 64,732 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's GA0000 Feeder which serves over 6,772 customers and has, over the last several years, experienced 21 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customer outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the GA0000 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customer outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No: 60004223 GAOOOO Feeder Laterals Rebuild

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	6,186	6,186	6,186	6,186	6,186	30,929
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-	55,673	55,673	55,673	55,673	55,673	278,364
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	466	466	466	466	466	2,329
914: Pension and Benefits	-	-	-	-	-	-	-	-	1,425	1,425	1,425	1,425	1,425	7,123
915: Injuries and Damages	-	-	-	-	-	-	-	-	615	615	615	615	615	3,077
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	7,402	7,402	7,402	7,402	7,402	37,010
926: A&G Loads	-	-	-	-	-	-	-	-	2,221	2,221	2,221	2,221	2,221	11,104
928: AFUDC Debt	-	-	-	-	-	-	-	-	69	208	347	488	628	1,740
929: AFUDC Equity	-	-	-	-	-	-	-	-	88	265	443	622	801	2,220
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-	74,145	74,461	74,778	75,097	75,417	373,897

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	30,929	-	-	-	-	-	-	-	-	-	-	-	-	30,929
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	278,364	-	-	-	-	-	-	-	-	-	-	-	-	278,364
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,329	-	-	-	-	-	-	-	-	-	-	-	-	2,329
914: Pension and Benefits	7,123	-	-	-	-	-	-	-	-	-	-	-	-	7,123
915: Injuries and Damages	3,077	-	-	-	-	-	-	-	-	-	-	-	-	3,077
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	37,010	-	-	-	-	-	-	-	-	-	-	-	-	37,010
926: A&G Loads	11,104	-	-	-	-	-	-	-	-	-	-	-	-	11,104
928: AFUDC Debt	1,740	592	595	598	601	604	607	610	613	616	619	-	-	7,794
929: AFUDC Equity	2,220	1,026	1,031	1,037	1,042	1,047	1,052	1,057	1,062	1,067	1,073	-	-	12,714
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	(346,052)	-	-	(346,052)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	(44,392)	-	-	(44,392)
Project Net	373,897	1,619	1,626	1,634	1,643	1,651	1,659	1,667	1,675	1,683	(388,753)	-	-	-

Project No: 60004321 Claremont Substation

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 4/1/2022

Estimated Completion Date 12/31/2025

Description
Claremont substation has equipment that is decades old, increasing the probability of equipment failure. This project would replace aging equipment in the substation that has been identified as high risk for future failures and therefore outages for the local area. The switchgear that is used to distribute power to the local neighborhood and protect utility equipment would be replaced in kind, and the power transformer that is used to step down voltage from a transmission level to distribution level would be replaced with a larger unit with additional capacity. This would include the associated equipment within and around the switchgear and power transformers: new vacuum circuit breakers, microprocessor relays (replacing older electro-mechanical relays), high-side interrupters, and upgraded power cables on the high voltage side of the transformer and individual outgoing distribution feeders circuits. Additionally, this project would install transmission line sectionalizing devices and circuit breakers to remove the tapped position of the existing site and allow for transmission line protection relaying. This would create two independent sources of power for the Aspen site and allow for instantaneous switching between them in a transmission line fault scenario, allowing the distribution feeder circuits to remain uninterrupted. Lastly, the project would include a new property location that would expand the space available for Claremont.

Project Need Justification
PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. Sectionalizing the transmission line and replacing aging equipment at this site would greatly increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
One alternative would be to narrow the scope to a major asset replacement project without sectionalizing the transmission line. This option would be cheaper and not require relocating the site, but it would limit the reliability benefit for the overall project due to the existing site design's susceptibility to a full-site outage during a transmission line fault scenario. Another alternative is to keep the existing assets in place and allow them to operate until failure. This would immediately impact the local neighborhood with power outages and an emergency replacement would have to be deployed which would entail higher costs and longer outages.

Project Estimate Approach
The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit
The purchase and installation of a new power transformer and switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. An additional benefit for this project is the additional power capacity of the power transformer, allowing PNM more flexibility to support adjacent customer loads on farther out distribution circuits through this site. Lastly, installing sectionalizing circuit breakers at the site allows for the site to remain energized during a transmission line fault event, which is not currently the case.

Primary Value Driver Reliability

Safety

Reliability Replacing the aged switchgear and power transformer would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would enhance the management of each feeder into the neighborhood.

System Performance The new switchgear and power transformer would outperform the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area. Additionally, sectionalizing the transmission line would remove a tapped substation position which are susceptible to a full site power outage during a transmission line fault and create complexity for protection relaying.

Security Relocating the site will allow PNM to fully implement and comply with current PNM security standards, improving site security.

Compliance

Environmental

Project No:	60004321 Claremont Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	1,000	9,251	-	-	-	-	10,251
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	210,857	-	175,772	-	-	-	-	386,629
370: Outside Services	-	183,333	183,333	183,333	183,333	183,333	183,333	1,100,000
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	76	700	-	-	-	-	776
914: Pension and Benefits	-	215	1,991	-	-	-	-	2,206
915: Injuries and Damages	-	86	792	-	-	-	-	878
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,867	-	47,133	-	-	-	-	51,000
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	21,475	23,089	46,480	22,917	22,917	22,917	22,917	182,710
926: A&G Loads	8,350	7,300	14,587	7,260	7,260	7,260	7,260	59,276
928: AFUDC Debt	788	-	-	-	-	-	-	788
929: AFUDC Equity	2,190	-	-	-	-	-	-	2,190
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	247,526	215,098	480,039	213,510	213,510	213,510	213,510	1,796,704

Project No:	60004321 Claremont Substation													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	10,251	500	22,335	200	200	200	200	200	18,959	2,581	2,581	2,581	2,581	63,371
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	386,629	-	414,869	-	-	-	-	-	341,217	-	-	-	-	1,142,715
370: Outside Services	1,100,000	4,500	4,500	1,800	1,800	1,800	1,800	1,800	9,000	23,232	23,232	23,232	23,232	1,219,929
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	776	38	1,682	15	15	15	15	15	1,428	194	194	194	194	4,776
914: Pension and Benefits	2,206	115	5,144	46	46	46	46	46	4,366	594	594	594	594	14,439
915: Injuries and Damages	878	50	2,222	20	20	20	20	20	1,886	257	257	257	257	6,163
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	51,000	-	117,599	-	-	-	-	-	96,721	-	-	-	-	265,320
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	182,710	598	51,836	239	239	239	239	239	43,338	3,089	3,089	3,089	3,089	292,035
926: A&G Loads	59,276	180	15,857	72	72	72	72	72	13,253	927	927	927	927	92,632
928: AFUDC Debt	788	-	-	-	-	-	-	-	-	-	-	-	-	788
929: AFUDC Equity	2,190	-	-	-	-	-	-	-	-	-	-	-	-	2,190
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,796,704	5,980	636,044	2,392	2,392	2,392	2,392	2,392	530,170	30,875	30,875	30,875	30,875	3,104,358

Project No:	60004321 Claremont Substation													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	63,371	-	-	-	-	-	-	-	-	-	-	-	-	63,371
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,142,715	-	-	-	-	-	-	-	-	-	-	-	-	1,142,715
370: Outside Services	1,219,929	-	-	-	-	-	-	-	-	-	-	-	-	1,219,929
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,776	-	-	-	-	-	-	-	-	-	-	-	-	4,776
914: Pension and Benefits	14,439	-	-	-	-	-	-	-	-	-	-	-	-	14,439
915: Injuries and Damages	6,163	-	-	-	-	-	-	-	-	-	-	-	-	6,163
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	265,320	-	-	-	-	-	-	-	-	-	-	-	-	265,320
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	292,035	-	-	-	-	-	-	-	-	-	-	-	-	292,035
926: A&G Loads	92,632	-	-	-	-	-	-	-	-	-	-	-	-	92,632
928: AFUDC Debt	788	-	-	-	-	-	-	-	-	-	-	-	-	788
929: AFUDC Equity	2,190	-	-	-	-	-	-	-	-	-	-	-	-	2,190
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(2,699,326)	(31,028)	(15,514)	(15,195)	(1)	-	-	-	-	-	-	(2,761,064)
825: Closing Cost of Removal	-	-	(335,269)	(3,854)	(1,927)	(1,887)	(0)	-	-	-	-	-	-	(342,937)
Project Net	3,104,358	-	(3,034,595)	(34,882)	(17,441)	(17,083)	(1)	-	-	-	-	-	-	357

Project No: 60004522 Leyendecker Substation

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 4/1/2022

Estimated Completion Date 3/30/2024

Description
Leyendecker substation has equipment that is decades old, increasing the probability of equipment failure. This project would replace aging equipment in the substation that has been identified as high risk for future failures and therefore outages for the local area. The switchgear that is used to distribute power to the local neighborhood and protect utility equipment would be replaced in kind, and the power transformer that is used to step down voltage from a transmission level to distribution level would be replaced with a larger unit with additional capacity. This would include the associated equipment within and around the switchgear and power transformers: new vacuum circuit breakers, microprocessor relays (replacing older electro-mechanical relays), high-side interrupters, upgraded power cables on the high voltage side of the transformer, and individual outgoing distribution feeders circuits.

Project Need Justification
PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
One alternative is to keep the existing assets in place and allow them to operate until failure. If/when the equipment were to fail, there would be an immediately impact on the local neighborhood on the form of power outages that would require an emergency replacement which results in higher costs and longer outages. Another option is to replace the major assets separately to mitigate outage durations. This would allow for the outages to be shortened, but costs would be higher due to multiple mobilizations, additional labor hours for transferring customer load, and engineering phased design and construction packages.

Project Estimate Approach
The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit
The purchase and installation of a new power transformer and switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. An additional benefit for this project is the additional power capacity of the power transformer, allowing PNM more flexibility to support adjacent customer loads on farther out distribution circuits through this site.

Primary Value Driver Reliability

Safety

Reliability Replacing the aged switchgear and power transformer would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would enhance the management of each feeder into the neighborhood.

System Performance The new switchgear and power transformer would outperform the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area. Additionally, it would provide the substation higher power capacity for any future neighborhood growth.

Security

Compliance

Environmental

Project No:	60004522 Leyendecker Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	4,565	86,718	30,035	14,723	34,372	12,723	183,136
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	210,857	-	1,177,354	325,356	21,133	426,763	21,133	2,182,596
370: Outside Services	-	41,081	222,770	50,129	56,429	41,129	38,429	449,967
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	12,680	12,680	12,680	12,680	50,720
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	346	6,565	2,274	1,115	2,602	963	13,863
914: Pension and Benefits	-	982	18,662	6,464	3,168	7,397	2,738	39,411
915: Injuries and Damages	-	391	7,423	2,571	1,260	2,942	1,089	15,676
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,867	-	315,707	87,244	5,667	114,437	5,667	532,589
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	21,475	5,921	189,936	53,688	13,814	65,986	11,219	362,039
926: A&G Loads	8,350	1,808	58,879	16,561	4,157	20,392	3,365	113,510
928: AFUDC Debt	788	384	1,714	3,382	3,846	4,401	4,943	19,458
929: AFUDC Equity	2,190	920	4,115	8,117	9,232	10,563	11,864	47,001
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	247,526	56,397	2,089,843	598,501	147,224	743,663	126,814	4,009,967

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	183,136	9,551	9,551	9,551	9,551	9,551	9,551	9,551	9,551	9,551	9,551	9,551	9,551	297,751
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,182,596	25,030	25,030	25,030	25,030	25,030	25,030	25,030	25,030	25,030	25,030	25,030	25,030	2,482,952
370: Outside Services	449,967	116,754	116,754	116,754	116,754	116,754	116,754	116,754	116,754	116,754	116,754	116,754	116,754	1,851,011
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	50,720	12,680	-	-	-	-	-	-	-	-	-	-	-	63,400
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,863	719	719	719	719	719	719	719	719	719	719	719	719	22,494
914: Pension and Benefits	39,411	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	65,807
915: Injuries and Damages	15,676	950	950	950	950	950	950	950	950	950	950	950	950	27,081
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	532,589	7,095	7,095	7,095	7,095	7,095	7,095	7,095	7,095	7,095	7,095	7,095	7,095	617,728
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	362,039	19,307	17,848	17,848	17,848	17,848	17,848	17,848	17,848	17,848	17,848	17,848	17,848	577,679
926: A&G Loads	113,510	5,888	5,433	5,433	5,433	5,433	5,433	5,433	5,433	5,433	5,433	5,433	5,433	179,160
928: AFUDC Debt	19,458	7,768	8,167	8,554	8,942	9,333	9,725	10,119	10,088	10,484	245	384	174	103,440
929: AFUDC Equity	47,001	9,910	10,418	10,911	11,407	11,905	12,406	12,908	12,869	13,374	313	489	221	154,132
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(201,010)	-	(5,003,078)	(98,819)	(262,998)	(163,709)	(5,729,615)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(24,862)	-	(617,181)	(13,218)	(35,487)	(22,270)	(713,018)
Project Net	4,009,967	217,851	204,165	205,045	205,929	206,818	207,710	(17,265)	208,537	(5,410,822)	74,102	(112,032)	(4)	1

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	297,751	-	-	-	-	-	-	-	-	-	-	-	-	297,751
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,482,952	-	-	-	-	-	-	-	-	-	-	-	-	2,482,952
370: Outside Services	1,851,011	471,660	-	-	-	-	-	-	-	-	-	-	-	2,322,671
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	63,400	-	-	-	-	-	-	-	-	-	-	-	-	63,400
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	22,494	-	-	-	-	-	-	-	-	-	-	-	-	22,494
914: Pension and Benefits	65,807	-	-	-	-	-	-	-	-	-	-	-	-	65,807
915: Injuries and Damages	27,081	-	-	-	-	-	-	-	-	-	-	-	-	27,081
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	617,728	-	-	-	-	-	-	-	-	-	-	-	-	617,728
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	577,679	54,241	-	-	-	-	-	-	-	-	-	-	-	631,919
926: A&G Loads	179,160	20,517	-	-	-	-	-	-	-	-	-	-	-	199,678
928: AFUDC Debt	103,440	432	-	-	-	-	-	-	-	-	-	-	-	103,872
929: AFUDC Equity	154,132	749	-	-	-	-	-	-	-	-	-	-	-	154,881
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,729,615)	(482,030)	-	-	-	-	-	-	-	-	-	-	-	(6,211,645)
825: Closing Cost of Removal	(713,018)	(65,570)	-	-	-	-	-	-	-	-	-	-	-	(778,588)
Project Net	1	(1)	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60004723 LSCH12 Feeder Laterals Rebuild

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Valencia 100%

Estimated Start Date 1/15/2023

Estimated Completion Date 3/31/2025

Description
The Los Chavez 12 (LSCH12) project includes the demolition and construction of the LSCH12 distribution feeder. The project will consist of a complete rebuild of approximately 71.76 miles of the LSCH12 backbone (3 phase primary) in the Los Chaves region. This will involve upgrading ~600 poles to ensure they are the standard height and class, upgrading ~378,892 linear feet of primary wire to 397 All Aluminum Conductor with a 2/0 Aluminum Conductor Steel-Reinforced Cable System Neutral, as well as upgrading all open wire secondary along the backbone to Triplex wire. Replacements of existing facilities will be done according to the latest PNM engineering standards.

Project Need Justification
The purpose of this project is to improve the reliability of PNM's LSCH12 Feeder which serves over 5,495 customers and has, over the last several years, experienced 22 outages. The top causes for this poor feeder performance are lightning, bird related incidents, non-standard pole heights, decayed poles and cross-arms, vegetation overgrowth, and conductor flash due to long span lengths. The project will reduce customers outages, decrease fire hazards, and reduce environmental impacts. This system reliability improvement will include upgrading the feeder overhead conductor and replacement of decayed and undersized poles, cross-arms, and associated parts and hardware.

Environmental benefits include upgrading all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing needed vegetation management for the feeders.

Project Alternatives
An alternative to this project is to replace the infrastructure reactively and piecemeal as individual pieces of equipment fail or reach the end of useful life. This alternative was not considered as over time it would cost more than a fully planned replacement at scale. This option would also not provide a material improvement in reliability that would be achieved via the rebuild.

Project Estimate Approach
The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for current project.

Customer Benefit
This project will rebuild the LSCH12 distribution feeder backbone to new standards of poles, wire, protective devices, transformers, and other distribution equipment to increase the reliability for customer service. Other benefits include the reduction of customers outages, decreased fire hazards, and reduced environmental impacts (i.e. all poles to be raptor safe, incorporating fire mitigation design methods, installing additional lightning protection, and providing over due vegetation management for the feeders)

Primary Value Driver Reliability

Safety

Reliability Data analysis shows the aging assets of the feeder have an increasing possibility of failure over the next 10 years, decreasing overall system performance and reliability. Proactive capital investment to rebuild the feeder to new standards will provide the highest benefit.

System Performance

Security

Compliance

Environmental

Project No: 60004723 LSCH12 Feeder Laterals Rebuild

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	5,987	5,987	5,987	5,987	5,987	5,987	35,925
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	53,887	53,887	53,887	53,887	53,887	53,887	323,322
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	451	451	451	451	451	451	2,705
914: Pension and Benefits	-	-	-	-	-	-	-	1,379	1,379	1,379	1,379	1,379	1,379	8,273
915: Injuries and Damages	-	-	-	-	-	-	-	596	596	596	596	596	596	3,575
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	7,165	7,165	7,165	7,165	7,165	7,165	42,987
926: A&G Loads	-	-	-	-	-	-	-	2,149	2,149	2,149	2,149	2,149	2,149	12,897
928: AFUDC Debt	-	-	-	-	-	-	-	67	201	336	472	608	745	2,430
929: AFUDC Equity	-	-	-	-	-	-	-	85	257	429	602	776	950	3,099
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	71,766	72,072	72,379	72,688	72,998	73,309	435,213

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	35,925	-	-	-	-	-	-	-	-	-	-	-	-	35,925
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	323,322	-	-	-	-	-	-	-	-	-	-	-	-	323,322
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,705	-	-	-	-	-	-	-	-	-	-	-	-	2,705
914: Pension and Benefits	8,273	-	-	-	-	-	-	-	-	-	-	-	-	8,273
915: Injuries and Damages	3,575	-	-	-	-	-	-	-	-	-	-	-	-	3,575
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	42,987	-	-	-	-	-	-	-	-	-	-	-	-	42,987
926: A&G Loads	12,897	-	-	-	-	-	-	-	-	-	-	-	-	12,897
928: AFUDC Debt	2,430	689	693	696	700	703	707	710	713	717	721	724	728	10,930
929: AFUDC Equity	3,099	1,195	1,201	1,207	1,213	1,219	1,225	1,231	1,237	1,243	1,249	1,255	1,261	17,834
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(406,886)	(406,886)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(51,562)	(51,562)
Project Net	435,213	1,884	1,894	1,903	1,912	1,922	1,931	1,941	1,950	1,960	1,969	1,979	(456,459)	0

Project No: 60005119 Person Trans Replacement Dist

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 7/1/2019

Estimated Completion Date 9/30/2022

Description
In December 2018, the 115/46kv transformer at Person Substation failed and was replaced with a new unit (FP# 64808019). The unit that failed was never removed as the new transformer was installed in a different location in the substation. This project is to remove the old failed transformer and associated equipment.

Project Need Justification
The old transformer and associated equipment is not connected to the system and is not in working order. This project is needed to remove this equipment which will create more space in the substation. Furthermore, though the equipment is not working, there is still a risk that fluids within the equipment - there is ~11,000 gallons of oil in the transformer that could leak at the site causing safety and potential environmental issues.

Project Alternatives
The only option would be to do nothing. If this were pursued, the broken equipment would continue to take up space in the substation - space that could be better utilized in the future. Doing nothing also increases the risk of oil and other hazardous fluids leaking from the equipment.

Project Estimate Approach
To develop an estimate, PNM contacted contractors to determine the cost and scheduling estimates for the removal and scrapping of the transformer and associated equipment.

Customer Benefit
By removing the old transformer from the site, PNM can mitigate any risks associated with a potential oil leak. This removal will also make space for future uses and/or expansion and equipment installation that would increase reliability.

Primary Value Driver Reliability

Safety Keeping the retired transformer on-site poses a safety and environmental risk due to the amount of oil still within the transformer.

Reliability The transformer reached its end of life and has been replaced. Removing this retired unit and associated equipment will provide space for future station modernization and growth, providing overall reliability to the system.

System Performance

Security

Compliance

Environmental Keeping the retired transformer on-site poses a safety and environmental risk due to the amount of oil (11,000 gallons) within the transformer that could potentially leak.

Project No:	60005119 Person Trans Replacement Dist							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	956	55,000	140,000	85,000	-	-	-	280,956
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	21,488	10,000	404,000	60,000	-	-	-	495,488
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	260	-	-	-	-	-	-	260
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	72	4,164	10,598	6,435	-	-	-	21,268
914: Pension and Benefits	210	11,836	30,128	18,292	-	-	-	60,466
915: Injuries and Damages	82	4,708	11,984	7,276	-	-	-	24,050
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	67	-	-	-	-	-	-	67
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	2,657	10,713	74,589	22,125	-	-	-	110,084
926: A&G Loads	889	2,574	21,542	5,742	-	-	-	30,747
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	(1,023,386)	-	-	-	(1,023,386)
Project Net	26,680	98,995	692,841	(818,517)	-	-	-	-

Project No:	60005119 Person Trans Replacement Dist													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	280,956	-	-	-	-	-	-	-	-	-	-	-	-	280,956
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	495,488	-	-	-	-	-	-	-	-	-	-	-	-	495,488
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	260	-	-	-	-	-	-	-	-	-	-	-	-	260
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	21,268	-	-	-	-	-	-	-	-	-	-	-	-	21,268
914: Pension and Benefits	60,466	-	-	-	-	-	-	-	-	-	-	-	-	60,466
915: Injuries and Damages	24,050	-	-	-	-	-	-	-	-	-	-	-	-	24,050
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	67	-	-	-	-	-	-	-	-	-	-	-	-	67
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	110,084	-	-	-	-	-	-	-	-	-	-	-	-	110,084
926: A&G Loads	30,747	-	-	-	-	-	-	-	-	-	-	-	-	30,747
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	(1,023,386)	-	-	-	-	-	-	-	-	-	-	-	-	(1,023,386)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No:	60005119 Person Trans Replacement Dist													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	280,956	-	-	-	-	-	-	-	-	-	-	-	-	280,956
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	495,488	-	-	-	-	-	-	-	-	-	-	-	-	495,488
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	260	-	-	-	-	-	-	-	-	-	-	-	-	260
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	21,268	-	-	-	-	-	-	-	-	-	-	-	-	21,268
914: Pension and Benefits	60,466	-	-	-	-	-	-	-	-	-	-	-	-	60,466
915: Injuries and Damages	24,050	-	-	-	-	-	-	-	-	-	-	-	-	24,050
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	67	-	-	-	-	-	-	-	-	-	-	-	-	67
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	110,084	-	-	-	-	-	-	-	-	-	-	-	-	110,084
926: A&G Loads	30,747	-	-	-	-	-	-	-	-	-	-	-	-	30,747
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	(1,023,386)	-	-	-	-	-	-	-	-	-	-	-	-	(1,023,386)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60005219 **Manzanita**
Company: 001 Electric Services
Location: 600 Electric System

Project Information County % Bernalillo 100%

Estimated Start Date 4/1/2020
Estimated Completion Date 4/30/2023

Description
 This project is for the construction of a substation in Tijeras, NM to replace the existing substation that is 60 years old and approaching the end of its useful life. This substation serves all of the load for the Grupo Cementos de Chihuahua (GCC) cement plant and is essential for the operation of the plant.

Project Need Justification
 In 2016, an extended outage occurred at the GCC cement plant due to a transformer failure at the existing substation. Service to the cement plant was restored by placing a similar vintage transformer from the PNM spare unit program in service in place of the failed unit. The substation is approaching the end of its useful life at 60 years old and a third transformer in the station is failing. In addition, PNM has no more spare transformers of the required vintage in the event of another failure. Maintenance is also an issue as the parts to keep the substation in good working order are becoming more difficult to source.

Project Alternatives
 Several alternatives to building a new substation were considered. They included replacing only the failing equipment, building a partial substation to address the customer load supported by the failing equipment, or utilizing a mobile substation to supplement the plant in case of an extended outage. None of these alternatives fully addressed the current issues given space constraints within the existing substation nor the ability to serve the station from another source with existing equipment in the area.

Project Estimate Approach
 This project cost was estimated using similar recent substation construction projects, quotes from vendors for materials and large equipment, as well as quotes for contractor labor.

Customer Benefit
 This new substation will benefit the GCC cement plant and ensure the company remains in operation. In addition, system reliability in neighboring substations/circuits is also expected to improve as the new substation will be better able to meet peak loads.

Primary Value Driver Reliability
Safety The existing station has many retrofitted and antiquated parts. These parts and the configuration make the station difficult to maintain. The new station will be built to today's standards of safety and reliability.
Reliability This project will increase reliability by reducing risks of future power outages caused by failure of very old capital assets.
System Performance
Security
Compliance
Environmental

Project No:	60005219 Manzanita							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	296,142	3,054	282,204	333,217	451,719	451,719	68,032	1,886,088
120: Overtime-General	12,897	-	-	-	-	-	-	12,897
350: Material Issues-Major	4,405,566	-	6,320,829	959,219	959,219	959,219	-	13,604,052
370: Outside Services	1,030,619	27,482	(454,239)	(454,239)	612,287	612,287	612,287	1,986,484
374: Outside Services Legal	31,363	-	-	-	-	-	-	31,363
377: Outside Svcs-Temp Labor	357	-	-	-	-	-	-	357
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	10,156	-	-	575,531	575,531	575,531	-	1,736,750
805: Land and Land Rights	120,354	-	-	-	-	-	-	120,354
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	23,740	231	21,363	25,225	34,195	34,195	5,150	144,098
914: Pension and Benefits	72,157	657	60,730	71,708	97,210	97,210	14,640	414,314
915: Injuries and Damages	24,351	261	24,157	28,523	38,667	38,667	5,824	160,450
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	177,569	-	1,694,930	257,215	257,215	257,215	-	2,644,143
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	500,739	3,961	781,881	192,398	346,104	346,104	88,242	2,259,427
926: A&G Loads	151,515	1,209	243,492	55,984	102,911	102,911	26,941	684,962
928: AFUDC Debt	177,684	10,682	16,332	23,257	26,798	31,245	34,064	320,060
929: AFUDC Equity	513,374	25,637	39,199	55,820	64,319	74,991	81,758	855,097
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	7,548,583	73,173	9,030,879	2,123,858	3,566,175	3,581,294	936,936	26,860,898

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,886,088	68,032	(50,471)	(50,471)	(50,471)	-	-	-	-	-	-	-	-	1,802,707
120: Overtime-General	12,897	-	-	-	-	-	-	-	-	-	-	-	-	12,897
350: Material Issues-Major	13,604,052	-	-	-	-	-	-	-	-	-	-	-	-	13,604,052
370: Outside Services	1,986,484	2,437,180	(454,239)	(454,239)	(454,239)	-	-	-	-	-	-	-	-	3,060,948
374: Outside Services Legal	31,363	-	-	-	-	-	-	-	-	-	-	-	-	31,363
377: Outside Svcs-Temp Labor	357	-	-	-	-	-	-	-	-	-	-	-	-	357
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,736,750	-	-	-	-	-	-	-	-	-	-	-	-	1,736,750
805: Land and Land Rights	120,354	-	-	-	-	-	-	-	-	-	-	-	-	120,354
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	144,098	5,123	(3,800)	(3,800)	(3,800)	-	-	-	-	-	-	-	-	137,820
914: Pension and Benefits	414,314	15,668	(11,623)	(11,623)	(11,623)	-	-	-	-	-	-	-	-	395,111
915: Injuries and Damages	160,450	6,769	(5,022)	(5,022)	(5,022)	-	-	-	-	-	-	-	-	152,154
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,644,143	-	-	-	-	-	-	-	-	-	-	-	-	2,644,143
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,259,427	291,269	(60,393)	(60,393)	(60,393)	-	-	-	-	-	-	-	-	2,369,517
926: A&G Loads	684,962	89,937	(18,119)	(18,119)	(18,119)	-	-	-	-	-	-	-	-	720,542
928: AFUDC Debt	320,060	55,029	57,456	-	-	-	-	-	-	-	-	-	-	432,545
929: AFUDC Equity	855,097	70,196	73,293	-	-	-	-	-	-	-	-	-	-	998,587
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	(26,890,559)	-	1,062,454	-	-	-	-	-	-	-	-	(25,828,105)
825: Closing Cost of Removal	-	-	(2,536,623)	-	144,880	-	-	-	-	-	-	-	-	(2,391,743)
Project Net	26,860,898	3,039,202	(29,900,100)	(603,667)	603,667	-	-	-	-	-	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,802,707	-	-	-	-	-	-	-	-	-	-	-	-	1,802,707
120: Overtime-General	12,897	-	-	-	-	-	-	-	-	-	-	-	-	12,897
350: Material Issues-Major	13,604,052	-	-	-	-	-	-	-	-	-	-	-	-	13,604,052
370: Outside Services	3,060,948	-	-	-	-	-	-	-	-	-	-	-	-	3,060,948
374: Outside Services Legal	31,363	-	-	-	-	-	-	-	-	-	-	-	-	31,363
377: Outside Svcs-Temp Labor	357	-	-	-	-	-	-	-	-	-	-	-	-	357
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,736,750	-	-	-	-	-	-	-	-	-	-	-	-	1,736,750
805: Land and Land Rights	120,354	-	-	-	-	-	-	-	-	-	-	-	-	120,354
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	137,820	-	-	-	-	-	-	-	-	-	-	-	-	137,820
914: Pension and Benefits	395,111	-	-	-	-	-	-	-	-	-	-	-	-	395,111
915: Injuries and Damages	152,154	-	-	-	-	-	-	-	-	-	-	-	-	152,154
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,644,143	-	-	-	-	-	-	-	-	-	-	-	-	2,644,143
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	2,369,517	-	-	-	-	-	-	-	-	-	-	-	-	2,369,517
926: A&G Loads	720,542	-	-	-	-	-	-	-	-	-	-	-	-	720,542
928: AFUDC Debt	432,545	-	-	-	-	-	-	-	-	-	-	-	-	432,545
929: AFUDC Equity	998,587	-	-	-	-	-	-	-	-	-	-	-	-	998,587
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(25,828,105)	-	-	-	-	-	-	-	-	-	-	-	-	(25,828,105)
825: Closing Cost of Removal	(2,391,743)	-	-	-	-	-	-	-	-	-	-	-	-	(2,391,743)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60005321 Dist Relay Replacement 2021-2024

Company: 001 Electric Services
Location: 600 Electric System

Project Information

		<u>County %</u>	Bernalillo	Sandoval	Valencia	Santa Fe	Otero	51% Grant	3%
Estimated Start Date	1/1/2021								
Estimated Completion Date	12/31/2024								

Description
The purpose of this project is to continue the Digital Time Overcurrent (DIAC) Distribution Relay Replacement program, as well as incorporate the replacement of failing Transformer Protection Units (TPU), Distribution Protection Units (DPU), and the REF615 relays on the system. PNM has no spare TPU/DPU units and the current units in-service have reached their end of life. The manufacturer no longer supports and produces these relays. Each time a relay fails, it requires that each station be brought offline until a repair can be made. To prevent this, PNM will create a new standard and replace each unit with a modern microprocessor relay from Schweitzer Engineering Laboratories (SEL), similar to those used in the DIAC Program. With the two programs combined, PNM can replace and update all DIAC, TPU, DPU and REF615 relays to improve station reliability and PNM's ability to provide uninterrupted power to customers.

Project Need Justification
Due to the aging equipment on the distribution system, PNM needs to minimize potential relay failures that lead to distribution outages. By replacing the existing microprocessor relays with newer technology, PNM will have the ability to review fault records, sequence events, and allow the Distribution Operations Center (DOC) to communicate with relays via supervisory control and data acquisition (SCADA).

Project Alternatives
Other than continuing with the project, the only alternative is to do nothing. Deciding to leave the system as is will result in misoperations, equipment failure, and increases in PNM's System Average Interruption Duration Index (SAIDI) numbers.

Project Estimate Approach
The project estimate was built using historical costs for internal/external labor and materials as well as pricing from the relay vendor.

Customer Benefit
The new SEL relays will enable PNM to move forward with smart grid technologies. As the system starts to incorporate more smart devices that have increased communication capabilities, PNM's reliability, maintenance, and efficiency will improve. Additionally, the new relays will allow for directional protection. As PNM moves forward to meet the goal of Zero Emissions by 2040, more renewable generation will need to be added to the system. And as the renewable generation grows on PNM's feeders, a more precise protection element (directional) is required. The new SEL relays will allow PNM to continue to provide power to customers, reduce delays of renewable distribution commissioning, and reduce outages due to reverse power flow from too much generation on the feeder. Also, replacing the aging and end of life relays with the newer microprocessor style relays will increase the system's reliability and functionality. The existing relays are at risk of improper performance due to the need for extensive maintenance. Some other benefits of upgrading the relays include performance (sensitivity of speed), reliability (security, selectivity, and dependability), and communication with downstream protective devices (recloser, trip savers) and replacement units.

Primary Value Driver Reliability

Safety

Reliability
The replacement of current devices with smart devices improves PNM's reliability, maintenance, and efficiency through the reduction of outages due to reverse power flow from too much generation on the feeder and the reduction of risks of improper performance due to the need for extensive maintenance. These reliability improvements will be reflected in decreasing SAIDI minutes.

System Performance

Security

Compliance

Environmental

Project No:

60005321 Dist Relay Replacement 2021-2024

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	627,210	75,000	2,000	2,000	2,000	2,000	2,000	712,210
120: Overtime-General	190,201	-	-	-	-	-	-	190,201
350: Material Issues-Major	1,721,599	-	-	-	187,500	352,000	187,500	2,448,599
370: Outside Services	2,846,792	105,200	211,097	210,900	372,536	332,128	210,900	4,289,553
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	89,460	-	-	-	-	-	-	89,460
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	61,502	5,678	151	151	151	151	151	67,936
914: Pension and Benefits	180,461	16,140	430	430	430	430	430	198,753
915: Injuries and Damages	65,306	6,420	171	171	171	171	171	72,582
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	35,418	-	-	-	50,278	94,389	50,278	230,363
922: Minor Material Load	2	-	-	-	-	-	-	2
925: E&S Loads	602,594	26,055	26,731	26,707	70,349	85,860	50,144	888,439
926: A&G Loads	192,593	7,136	8,439	8,431	22,257	27,171	15,856	281,881
928: AFUDC Debt	32,886	1,721	2,034	2,353	2,957	3,966	4,862	50,778
929: AFUDC Equity	102,584	4,130	4,882	5,648	7,098	9,518	11,669	145,528
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,181,233)	-	-	-	-	-	(2,767,063)	(7,948,297)
825: Closing Cost of Removal	(67,232)	-	-	-	-	-	(546,302)	(613,534)
Project Net	1,500,142	247,479	255,936	256,791	715,728	907,784	(2,779,404)	1,104,455

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	712,210	2,500	50,000	50,000	50,000	5,000	50,000	-	-	50,000	50,000	50,000	-	1,069,710
120: Overtime-General	190,201	-	-	-	-	-	-	-	-	-	-	-	-	190,201
350: Material Issues-Major	2,448,599	-	-	-	-	-	-	-	-	187,500	352,000	187,500	-	3,175,599
370: Outside Services	4,289,553	-	90,000	90,000	90,000	90,000	195,700	211,400	211,400	301,400	211,400	105,700	-	5,886,553
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	89,460	-	-	-	-	-	-	-	-	-	-	-	-	89,460
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	67,936	188	3,765	3,765	3,765	377	3,765	-	-	3,765	3,765	3,765	-	94,856
914: Pension and Benefits	198,753	576	11,515	11,515	11,515	1,152	11,515	-	-	11,515	11,515	11,515	-	281,085
915: Injuries and Damages	72,582	249	4,975	4,975	4,975	498	4,975	-	-	4,975	4,975	4,975	-	108,153
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	230,363	-	-	-	-	-	-	-	-	53,149	99,778	53,149	-	436,439
922: Minor Material Load	2	-	-	-	-	-	-	-	-	-	-	-	-	2
925: E&S Loads	888,439	404	18,429	18,429	18,429	11,158	30,585	24,311	24,311	64,303	72,870	41,797	-	1,213,467
926: A&G Loads	281,881	90	5,026	5,026	5,026	3,411	8,821	7,589	7,589	19,347	22,021	12,321	-	378,147
928: AFUDC Debt	50,778	1,964	2,149	2,503	2,859	3,149	3,554	4,084	4,559	5,460	6,912	8,161	8,641	104,771
929: AFUDC Equity	145,528	2,505	2,741	3,193	3,646	4,016	4,533	5,210	5,816	6,965	8,817	10,410	11,022	214,404
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,948,297)	-	-	-	-	-	-	-	-	-	-	-	(2,859,130)	(10,807,427)
825: Closing Cost of Removal	(613,534)	-	-	-	-	-	-	-	-	-	-	-	(417,581)	(1,031,115)
Project Net	1,104,455	8,475	188,600	189,406	190,215	118,759	313,448	252,595	253,675	708,378	844,054	489,293	(3,257,048)	1,404,305

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,069,710	-	50,000	50,000	50,000	50,000	50,000	-	-	50,000	50,000	50,000	-	1,469,710
120: Overtime-General	190,201	-	-	-	-	-	-	-	-	-	-	-	-	190,201
350: Material Issues-Major	3,175,599	-	-	-	-	-	-	-	-	-	-	-	-	3,175,599
370: Outside Services	5,886,553	-	90,000	90,000	90,000	90,000	-	-	-	-	-	-	-	6,246,553
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	89,460	-	-	-	-	-	-	-	-	-	-	-	-	89,460
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	94,856	-	3,765	3,765	3,765	3,765	3,765	-	-	3,765	3,765	3,765	-	124,976
914: Pension and Benefits	281,085	-	11,515	11,515	11,515	11,515	11,515	-	-	11,515	11,515	11,515	-	373,205
915: Injuries and Damages	108,153	-	4,975	4,975	4,975	4,975	4,975	-	-	4,975	4,975	4,975	-	147,953
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	436,439	-	-	-	-	-	-	-	-	-	-	-	-	436,439
922: Minor Material Load	2	-	-	-	-	-	-	-	-	-	-	-	-	2
925: E&S Loads	1,213,467	-	18,429	18,429	18,429	18,429	8,079	-	-	8,079	8,079	8,079	-	1,319,501
926: A&G Loads	378,147	-	6,090	6,090	6,090	6,090	2,175	-	-	2,175	2,175	2,175	-	411,207
928: AFUDC Debt	104,771	2,202	2,359	2,662	2,968	3,274	3,500	3,581	3,599	3,680	3,825	3,971	4,055	144,447
929: AFUDC Equity	214,404	3,816	4,088	4,615	5,144	5,676	6,067	6,208	6,238	6,379	6,631	6,884	7,029	283,180
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(10,807,427)	-	-	-	-	-	-	-	-	-	-	-	(2,267,592)	(13,075,019)
825: Closing Cost of Removal	(1,031,115)	-	-	-	-	-	-	-	-	-	-	-	(306,299)	(1,337,414)
Project Net	1,404,305	6,018	191,221	192,052	192,886	193,725	90,077	9,789	9,837	90,568	90,966	91,365	(2,562,809)	-

Project No: 60005421 Intel Expansion - Distribution

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Sandoval 100%

Estimated Start Date 10/1/2021
Estimated Completion Date 5/31/2024

Description

To help address Intel's planned future load growth requirements, PNM is installing an additional unit substation at PNM's Corrales Bluff substation within Intel's property. This unit substation would consist of (1) 33.6MVA power transformer and 15kV switchgear enclosure allowing for up to (4) additional distribution feeder circuits to be connected to PNM's distribution network and Intel's facilities in the future. A 115kV circuit breaker position will be installed at Corrales Bluff substation to sectionalize two separate unit substations (Sara Units 6 & 7) to prevent any fault events affecting multiple unit substations within Intel's property.

The project scope also includes replacement and capacity upgrades to aging equipment at PNM's Sara Unit 3 substation within Intel's property. This project scope would consist of (1) 33.6MVA power transformer replacing an aged 22.6MVA unit, which would add approximately 30% additional capacity for the site and mitigate risks of future equipment failures. The aging 15kV switchgear would also be proactively replaced to avoid the growing probability of equipment failure. PNM would also purchase a spare 60MVA power transformer unit to ensure business continuity for Intel operations.

Project Need Justification

PNM and Intel Corporation entered into an Electric Facilities Agreement dated effective December 31, 2021. Intel owns and operates a semiconductor manufacturing facility consisting of one or more facilities located in PNM's service territory and intends to expand the facility and increase its load requirements over time. PNM has determined that an extension and network upgrades of the transmission and distribution system will be necessary to meet the customer's increased load requirements for its planned expansion project.

Additionally, the additional power capacity of the new 33.6MVA power transformer provides PNM more flexibility to support adjacent residential and commercial customer loads on both local and remote distribution circuits. The existing power transformer and switchgear at PNM's Sara Unit 3 site were also identified to be nearing their end-of-life prompting a proactive replacement to be included in the project scope.

Project Alternatives

There are no viable alternatives to provide the additional load needed by Intel Corporation's planned expansion. This project will address Intel's needs in order for them to optimize their operations as a result of their expansion.

Project Estimate Approach

The estimate is all inclusive for design, procurement, and build. Quotes were acquired for the major equipment, and estimating models from previous installations that were similar in nature were used to estimate costs for the current project scope.

Customer Benefit

The purchase and installation of a new power transformer and switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. An additional benefit for this project is the additional power capacity of the new 33.6MVA power transformer, allowing PNM more flexibility to support adjacent residential and commercial customer loads on both local and remote distribution circuits.

Primary Value Driver System Performance

Safety

Reliability Replacing the aged switchgear and power transformer and installing the new unit substation would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would enhance the management of each feeder into Intel and the surrounding neighborhood.

System Performance The new switchgear and power transformer would out perform the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area. Additionally, it would provide the substation higher power capacity for any future Intel or residential neighborhood growth.

Security

Compliance

Environmental

Project No:	60005421 Intel Expansion - Distribution							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	1,665	170,712	29,861	28,896	45,053	49,705	325,892
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	3,192,980	327,237	-	20,000	20,000	3,560,217
370: Outside Services	-	14,987	23,945	113,742	524,674	598,088	639,953	1,915,389
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	12,000	12,000	24,000
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	126	12,923	2,260	2,187	3,411	3,763	24,670
914: Pension and Benefits	-	358	36,737	6,426	6,218	9,695	10,696	70,132
915: Injuries and Damages	-	143	14,613	2,556	2,474	3,857	4,255	27,896
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	856,198	87,748	-	5,363	5,363	954,672
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	2,160	431,489	60,260	70,556	86,513	92,546	743,525
926: A&G Loads	-	659	134,150	18,645	21,921	26,736	28,578	230,690
928: AFUDC Debt	-	12	3,053	6,499	7,341	8,288	9,370	34,563
929: AFUDC Equity	-	30	7,328	15,598	17,620	19,893	22,490	82,957
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(7,049,354)	(7,049,354)
825: Closing Cost of Removal	-	-	-	-	-	-	(945,250)	(945,250)
Project Net	-	20,141	4,884,129	670,833	681,887	838,896	(7,095,886)	(0)

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	325,892	33,551	89,503	192,874	6,652	6,652	3,326	3,326	1,663	1,663	-	-	-	665,101
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	3,560,217	77,883	970,000	3,238,945	-	-	-	-	-	-	-	-	-	7,847,045
370: Outside Services	1,915,389	467,153	548,138	201,629	59,864	59,864	29,932	29,932	14,966	14,966	-	-	-	3,341,834
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	24,000	12,000	12,000	-	-	-	-	-	-	-	-	-	-	48,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	24,670	2,526	6,740	14,523	501	501	250	250	125	125	-	-	-	50,213
914: Pension and Benefits	70,132	7,727	20,613	44,419	1,532	1,532	766	766	383	383	-	-	-	148,252
915: Injuries and Damages	27,896	3,338	8,906	19,191	662	662	331	331	165	165	-	-	-	61,648
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	954,672	22,077	274,956	918,111	-	-	-	-	-	-	-	-	-	2,169,816
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	743,525	69,480	190,428	426,832	7,959	7,959	3,980	3,980	1,990	1,990	-	-	-	1,458,123
926: A&G Loads	230,690	21,202	58,145	130,441	2,388	2,388	1,194	1,194	597	597	-	-	-	448,835
928: AFUDC Debt	34,563	671	3,383	10,290	15,267	15,489	15,676	15,826	15,959	16,073	16,169	16,248	16,326	191,942
929: AFUDC Equity	82,957	856	4,316	13,127	19,475	19,759	19,997	20,189	20,357	20,503	20,626	20,726	20,826	283,714
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,049,354)	-	-	-	-	-	-	-	-	-	-	-	-	(7,049,354)
825: Closing Cost of Removal	(945,250)	-	-	-	-	-	-	-	-	-	-	-	-	(945,250)
Project Net	(0)	718,463	2,187,128	5,210,383	114,299	114,806	75,452	75,794	56,206	56,466	36,796	36,974	37,153	8,719,919

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	665,101	-	-	-	-	75,000	-	-	-	-	-	-	-	740,101
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	7,847,045	-	-	-	-	1,425,000	-	-	-	-	-	-	-	9,272,045
370: Outside Services	3,341,834	-	-	-	-	-	-	-	-	-	-	-	-	3,341,834
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	48,000	-	-	-	-	-	-	-	-	-	-	-	-	48,000
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	50,213	-	-	-	-	5,648	-	-	-	-	-	-	-	55,860
914: Pension and Benefits	148,252	-	-	-	-	17,273	-	-	-	-	-	-	-	165,524
915: Injuries and Damages	61,648	-	-	-	-	7,463	-	-	-	-	-	-	-	69,110
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,169,816	-	-	-	-	403,931	-	-	-	-	-	-	-	2,573,747
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,458,123	-	-	-	-	175,994	-	-	-	-	-	-	-	1,634,117
926: A&G Loads	448,835	-	-	-	-	65,250	-	-	-	-	-	-	-	514,085
928: AFUDC Debt	191,942	13,867	13,935	14,003	14,072	15,861	-	-	-	-	-	-	-	263,679
929: AFUDC Equity	283,714	24,037	24,155	24,274	24,393	27,495	-	-	-	-	-	-	-	408,067
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,049,354)	-	-	-	-	(9,827,085)	-	-	-	-	-	-	-	(16,876,439)
825: Closing Cost of Removal	(945,250)	-	-	-	-	(1,264,481)	-	-	-	-	-	-	-	(2,209,731)
Project Net	8,719,919	37,903	38,090	38,277	38,465	(8,872,653)	-	-	-	-	-	-	-	(0)

Project No: 60005522 33.6MVA Pwr Xfmr Critical Sp 2024

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 6/29/2022

Estimated Completion Date 1/31/2025

Description
This project was created to address the gap in the projected amount of critical spares PNM would need available in the coming years for a major asset in medium-sized power transformers. PNM has recently standardized on a power transformer size that has significant interchangeability throughout the transmission and distribution systems as part of PNM's continued push towards comprehensive system standardization. Finalizing this more standard power transformer created an opportune time to start ordering these types of units. This project sent Request for Proposals (RFPs) to six (6) prominent power transformer manufacturers both domestic and international to gauge current market pricing and lead times while ensuring PNM would get a competitive price for these units. Through this project, new long-standing contract agreements have been established with two (2) manufacturers with the intent to continue standardizing and growing a partnership with PNM.

Project Need Justification
While PNM continues designs for expansion and infrastructure replacement projects, lead times and pricing for major equipment continue to increase. Due to the increasing lead times and pricing, it is necessary for PNM to purchase power transformers for projects already identified as priorities in 2024 along with strategic spares for unforeseen emergency situations. PNM has opted for a bulk order purchasing model for equipment with typically long lead times, like power transformers, and store units prior to project construction starts to head off any future construction delays. This approach ensures that major equipment crucial to these projects are readily available during scheduled construction outages. The projects occurring in 2024 requiring power transformers include, but are not limited to, PNM's Infrastructure Investment Projects (PIIP) Hawkins Substation, PIIP Menaul Substation, and PIIP Leyendecker Substation.

Project Alternatives
The main alternative to the bulk order purchasing model would be to order major equipment on a per-project or critical spare basis. The drawbacks of this approach tie heavily to the continually extending lead times the industry is seeing for major equipment and materials. This approach would have a much higher risk of project delays tied directly to manufacturer material and shipping delays that would be out of PNM's control. For power transformers, current lead times are extending to 2.5 years in some cases, so ordering this equipment on a per-project basis would need to extend project timelines and funding forward by years in advance to schedule equipment deliveries that align with anticipated construction schedules.

Project Estimate Approach
Quotes were acquired for all major equipment costs, spare parts, and freight/installation services with payment terms solidified for the project scope during the RFP process.

Customer Benefit
With this project, PNM would be able to reserve power transformer production slots as quickly as possible. This would allow already approved project timelines and capital spend to remain on schedule and allow PNM to replenish their spare inventory in preparation for any future equipment failures. This would benefit PNM customers by allowing PNM to have enough critical spare units at the ready to respond to any emergency outages quicker and restore customer's power faster. Customers would also benefit from PNM's ability to stay on schedule for their approved capital spend on reliability and capacity upgrade projects which would remain possible due to this bulk order of power transformers.

Primary Value Driver Reliability

Safety

Reliability
By ordering these standard power transformers in bulk quantities, PNM is solidifying their pursuit towards a comprehensive system standardization. These units allow for interchangeability throughout PNM's system which would increase field and maintenance crew's familiarity working with these units, spread out spare unit storage across PNM's service territory for quicker response times, and create a streamlined process for design and installation of these units all culminating into higher reliability standards.

System Performance
These power transformer units have higher capacity ratings compared to a majority of currently in-service units across PNM's system. A bulk order approach with these units allows for PNM to prioritize change-outs with these existing smaller units ahead of any major expected economic growth throughout PNM's service territory. Larger power transformers also increase PNM's ability to redirect customer load around planned maintenance outages with less risk and minimal customer interruptions.

Security

Compliance

Environmental
A bulk order of these power transformer units will prioritize these change-outs with smaller and older units throughout PNM's system. Many of these in-service older units are more susceptible to oil leaks, so by proactively replacing them with new units and installing proper oil containment this project helps avoid any unforeseen future environmental issues.

Project No: 60005522 33.6MVA Pwr Xfmr Critical Sp 2024

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	4,765,784	-	-	-	-	351,272	5,117,056
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	1,277,945	-	-	-	-	94,194	1,372,139
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	595,723	-	-	-	-	43,909	639,632
926: A&G Loads	-	188,725	-	-	-	-	13,910	202,635
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	6,828,177	-	-	-	-	503,285	7,331,462

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	5,117,056	2,000,000	-	351,272	-	351,272	-	371,012	-	351,272	-	810,102	847,305	10,199,291
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,372,139	566,920	-	99,572	-	99,572	-	105,167	-	99,572	-	229,632	240,177	2,812,749
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	639,632	230,000	-	40,396	-	40,396	-	42,666	-	40,396	-	93,162	97,440	1,224,089
926: A&G Loads	202,635	71,800	-	12,611	-	12,611	-	13,319	-	12,611	-	29,083	30,418	385,088
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	7,331,462	2,868,720	-	503,851	-	503,851	-	532,165	-	503,851	-	1,161,978	1,215,340	14,621,217

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	10,199,291	1,794,665	263,454	521,375	721,525	576,279	776,590	263,454	439,090	278,259	463,765	263,454	-	16,561,201
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	2,812,749	508,716	74,679	147,789	204,523	163,352	220,132	74,679	124,464	78,875	131,459	74,679	-	4,616,096
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,224,089	206,386	30,297	59,958	82,975	66,272	89,308	30,297	50,495	32,000	53,333	30,297	-	1,955,709
926: A&G Loads	385,088	78,068	11,460	22,680	31,386	25,068	33,782	11,460	19,100	12,104	20,174	11,460	-	661,831
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(20,939,456)	(20,939,456)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(2,855,380)	(2,855,380)
Project Net	14,621,217	2,587,835	379,890	751,802	1,040,410	830,971	1,119,812	379,890	633,150	401,238	668,731	379,890	(23,794,836)	-

Project No: 60005722 Sky Ranch 1 - Distribution

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County %	Sandoval	45%
	Bernalillo	55%

Estimated Start Date 7/28/2022

Estimated Completion Date 7/30/2024

Description
This project involves upgrading the existing distribution transformers from 46kV to 115kV at Louden Hills and Bosque Farms, as well as removing the existing 46kV station assets at Tome and Person stations.

Project Need Justification
The purpose of this project is to increase system capacity to support future generation, and to fulfill the Large Generation Interconnection Agreement (LGIA) with Sky Ranch 1 (SA#530) and Sky Ranch 2 (SA#570) to interconnect NextEra's 190MW generation facility. The LGIAs states that after notice to proceed is given to PNM, the network upgrades associated with each LGIA must be complete within 30 months.

Project Alternatives
Choosing not to build this project will result in multiple voltage issues within the Bernalillo and Valencia county distribution system area. The transmission line that feeds both transformers will be converted to 115kV, and because it is now operating at a higher voltage the existing transformer and station equipment cannot operate at 115kV since they are rated at 46kV. This project is also required per PNM's LGIA.

Project Estimate Approach
The estimate was developed using historical costs for internal/external labor and material costs from previous projects with a 10% contingency adder.

Customer Benefit
As PNM moves towards a zero emission goal and removes generation from traditional sources like coal, the reliability of the system increases because PNM balances the load and generation. By upgrading the system to operate at a higher voltage PNM will also increase reliability by having a stronger voltage source.

Primary Value Driver System Performance

Safety

Reliability Implementing new engineering standards and replacing aging infrastructure will reduce system downtime, and contribute to an improved System Average Interruption Duration Index (SAIDI).

System Performance The new network upgrades will increase system performance. It will allow for better power flow in the distribution system because of the larger wire and higher voltage.

Security

Compliance

Environmental

Project No:

60005722 Sky Ranch 1 - Distribution

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	479,348	520,000	520,000	520,000	520,000	520,000	3,079,348
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	59,918	65,000	65,000	65,000	65,000	65,000	384,918
926: A&G Loads	-	18,982	20,592	20,592	20,592	20,592	20,592	121,942
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	558,248	605,592	605,592	605,592	605,592	605,592	3,586,208

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	3,079,348	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	520,000	9,319,348
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	384,918	59,800	59,800	59,800	59,800	59,800	59,800	59,800	59,800	59,800	59,800	59,800	59,800	1,102,518
926: A&G Loads	121,942	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	18,668	345,958
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	3,586,208	598,468	598,468	598,468	598,468	598,468	598,468	598,468	598,468	598,468	598,468	598,468	598,468	10,767,824

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	9,319,348	520,000	520,000	520,000	520,000	520,000	520,000	520,000	-	-	-	-	-	12,959,348
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	1,102,518	59,800	59,800	59,800	59,800	59,800	59,800	59,800	-	-	-	-	-	1,521,118
926: A&G Loads	345,958	22,620	22,620	22,620	22,620	22,620	22,620	22,620	-	-	-	-	-	504,298
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	(13,186,592)	-	-	-	-	(13,186,592)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	(1,798,172)	-	-	-	-	(1,798,172)
Project Net	10,767,824	602,420	602,420	602,420	602,420	602,420	602,420	602,420	(14,382,344)	-	-	-	-	-

Project No: 60005821 Project Charli - Distribution

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Valencia 100%

Estimated Start Date 10/1/2021

Estimated Completion Date 10/1/2023

Description
The project mission is to provide electrical service to a new Amazon distribution center in Los Lunas, NM. The new feeder route will be installed in the existing easement and right-of-way along Los Morros Road and NM Route 6. Distance from Los Morros Substation to Project Charli is about three miles. It will take roughly 4,000 linear feet of overhead three-phase and roughly 14,000 linear feet of underground three-phase cable to cover the distance. Equipment identified for this project includes an underground 3,600kVAR CAP Bank and a Vista Switchgear.

Project Need Justification
The new Amazon facility in Los Lunas exceeded available capacity on the existing distribution feeders in this area. A new feeder was required to provide electrical service to the new Amazon distribution center. This new feeder would have the capacity to service future customer in the area as well.

Project Alternatives
An alternative solution was considered for the feeder transfers but not viable as the existing Los Morros Feeder 14 does not have the capacity for the added load. This distribution project is needed to provide the electrical service to the new Amazon distribution center in Los Lunas, NM.

Project Estimate Approach
The project was estimated using historical PNM data on similar projects using engineering and labor resources. The major cost driver for this project includes equipment, services, and engineering design as applicable. In addition, Class-5 estimates are utilized and based on current industry standards.

Customer Benefit
Future customers and existing customer, Amazon, benefit from this new feeder with its available load capacity and its location. The new feeder now extends almost 3 miles along Route 6 where there was previously no electrical service.

Primary Value Driver System Performance

Safety

Reliability

System Performance The new distribution feeder will bring capacity to the new customer Amazon and almost 3 miles along NM Route 6 that previously did not have electrical service, enhancing performance through wider reach.

Security

Compliance

Environmental

Project No:	60005821 Project Charli - Distribution							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	15,175	10,000	10,000	10,000	-	-	-	45,175
120: Overtime-General	38	-	-	-	-	-	-	38
350: Material Issues-Major	867,381	-	-	-	-	-	-	867,381
370: Outside Services	857,334	100,000	50,000	-	-	-	-	1,007,334
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,498	-	-	-	-	-	-	1,498
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,152	757	757	757	-	-	-	3,423
914: Pension and Benefits	3,348	2,152	2,152	2,152	-	-	-	9,804
915: Injuries and Damages	1,302	856	856	856	-	-	-	3,870
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	72,005	-	-	-	-	-	-	72,005
922: Minor Material Load	75,517	-	-	-	-	-	-	75,517
925: E&S Loads	157,168	14,221	7,971	1,721	-	-	-	181,080
926: A&G Loads	71,892	4,356	2,376	396	-	-	-	79,020
928: AFUDC Debt	5,868	3,105	3,249	3,320	3,346	3,362	3,378	25,629
929: AFUDC Equity	16,309	7,454	7,797	7,969	8,031	8,069	8,108	63,737
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(2,408,829)	(2,408,829)
825: Closing Cost of Removal	-	-	-	-	-	-	(26,680)	(26,680)
Project Net	2,145,986	142,901	85,158	27,171	11,377	11,431	(2,424,023)	(0)

Project No:	60005821 Project Charli - Distribution													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	45,175	-	-	-	-	-	-	-	-	-	-	-	-	45,175
120: Overtime-General	38	-	-	-	-	-	-	-	-	-	-	-	-	38
350: Material Issues-Major	867,381	-	-	-	-	-	-	-	-	-	-	-	-	867,381
370: Outside Services	1,007,334	-	-	-	-	-	-	-	-	-	-	-	-	1,007,334
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,498	-	-	-	-	-	-	-	-	-	-	-	-	1,498
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,423	-	-	-	-	-	-	-	-	-	-	-	-	3,423
914: Pension and Benefits	9,804	-	-	-	-	-	-	-	-	-	-	-	-	9,804
915: Injuries and Damages	3,870	-	-	-	-	-	-	-	-	-	-	-	-	3,870
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	72,005	-	-	-	-	-	-	-	-	-	-	-	-	72,005
922: Minor Material Load	75,517	-	-	-	-	-	-	-	-	-	-	-	-	75,517
925: E&S Loads	181,080	-	-	-	-	-	-	-	-	-	-	-	-	181,080
926: A&G Loads	79,020	-	-	-	-	-	-	-	-	-	-	-	-	79,020
928: AFUDC Debt	25,629	-	-	-	-	-	-	-	-	-	-	-	-	25,629
929: AFUDC Equity	63,737	-	-	-	-	-	-	-	-	-	-	-	-	63,737
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,408,829)	-	-	-	-	-	-	-	-	-	-	-	-	(2,408,829)
825: Closing Cost of Removal	(26,680)	-	-	-	-	-	-	-	-	-	-	-	-	(26,680)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No:	60005821 Project Charli - Distribution													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	45,175	-	-	-	-	-	-	-	-	-	-	-	-	45,175
120: Overtime-General	38	-	-	-	-	-	-	-	-	-	-	-	-	38
350: Material Issues-Major	867,381	-	-	-	-	-	-	-	-	-	-	-	-	867,381
370: Outside Services	1,007,334	-	-	-	-	-	-	-	-	-	-	-	-	1,007,334
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,498	-	-	-	-	-	-	-	-	-	-	-	-	1,498
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,423	-	-	-	-	-	-	-	-	-	-	-	-	3,423
914: Pension and Benefits	9,804	-	-	-	-	-	-	-	-	-	-	-	-	9,804
915: Injuries and Damages	3,870	-	-	-	-	-	-	-	-	-	-	-	-	3,870
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	72,005	-	-	-	-	-	-	-	-	-	-	-	-	72,005
922: Minor Material Load	75,517	-	-	-	-	-	-	-	-	-	-	-	-	75,517
925: E&S Loads	181,080	-	-	-	-	-	-	-	-	-	-	-	-	181,080
926: A&G Loads	79,020	-	-	-	-	-	-	-	-	-	-	-	-	79,020
928: AFUDC Debt	25,629	-	-	-	-	-	-	-	-	-	-	-	-	25,629
929: AFUDC Equity	63,737	-	-	-	-	-	-	-	-	-	-	-	-	63,737
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(2,408,829)	-	-	-	-	-	-	-	-	-	-	-	-	(2,408,829)
825: Closing Cost of Removal	(26,680)	-	-	-	-	-	-	-	-	-	-	-	-	(26,680)
Project Net	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)

Project No: 60005822 **Menaul Substation**

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 4/1/2022

Estimated Completion Date 12/31/2024

Description
Menaul substation has equipment that is decades old, increasing the probability of equipment failure. This project would replace aging equipment in the substation that has been identified as high risk for future failures and therefore outages for the local area. The switchgear that is used to distribute power to the local neighborhood and protect utility equipment would be replaced in kind, and the power transformer that is used to step down voltage from a transmission level to distribution level would be replaced with a larger unit with additional capacity. This would include the associated equipment within and around the switchgear and power transformers: new vacuum circuit breakers, microprocessor relays (replacing older electro-mechanical relays), high-side interrupters, upgraded power cables on the high voltage side of the transformer, and individual outgoing distribution feeders circuits.

Project Need Justification
PNM has a widespread aging system infrastructure that needs to be replaced, modernized, and upgraded which is the reason for PNM's Infrastructure Investment Projects (PIIP). This is inclusive of partial or complete transmission and distribution owned substation expansions, rebuilds, and major asset replacements. This project would help increase overall system reliability and resiliency in the greater Albuquerque area.

Project Alternatives
One alternative is to keep the existing assets in place and allow them to operate until failure. If/when the equipment were to fail, there would be an immediately impact on the local neighborhood on the form of power outages that would require an emergency replacement which results in higher costs and longer outages. Another option is to replace the major assets separately to mitigate outage durations. This would allow for the outages to be shortened, but costs would be higher due to multiple mobilizations, additional labor hours for transferring customer load, and engineering phased design and construction packages.

Project Estimate Approach
The estimate includes the costs to design, procure, and build. Quotes were acquired for the major equipment and estimating models from previous installations were used to determine pricing for the labor resources needed for the current project scope.

Customer Benefit
The purchase and installation of a new power transformer and switchgear would mitigate the heightened risk of failure and extended outages in the local neighborhood. It would alleviate the risk of increased costs in the event of an equipment failure and emergency replacement by proactively replacing aging assets. An additional benefit for this project is the additional power capacity of the power transformer, allowing PNM more flexibility to support adjacent customer loads on farther out distribution circuits through this site.

Primary Value Driver Reliability

Safety

Reliability Replacing the aged switchgear and power transformer would mitigate the increased risk of operational failure, lengthy unforeseen outages, and increased costs due to emergency replacements. The new and improved breakers, interrupters, and relays would enhance the management of each feeder into the neighborhood.

System Performance The new switchgear and power transformer would outperform the existing equipment since the new microprocessor relays would be replacing aged, electromechanical relays. This would provide more accurate readings and management of the transformer, low-side bus, and individual distribution feeder circuits exiting the switchgear to the neighboring area. Additionally, it would provide the substation higher power capacity for any future neighborhood growth.

Security

Compliance

Environmental

Project No:	60005822 Menaul Substation							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	4,023	41,710	-	-	15,894	-	61,628
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	210,857	-	792,490	-	-	301,988	-	1,305,335
370: Outside Services	-	36,211	-	-	-	-	-	36,211
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	305	3,157	-	-	1,203	-	4,665
914: Pension and Benefits	-	866	8,976	-	-	3,420	-	13,262
915: Injuries and Damages	-	344	3,570	-	-	1,361	-	5,275
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,867	-	212,506	-	-	80,978	-	297,351
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	21,475	5,219	106,238	-	-	40,483	-	173,415
926: A&G Loads	8,350	1,593	33,034	-	-	12,588	-	55,566
928: AFUDC Debt	788	379	1,158	1,910	1,919	2,213	2,508	10,876
929: AFUDC Equity	2,190	911	2,779	4,585	4,607	5,312	6,020	26,404
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	247,526	49,851	1,205,620	6,495	6,526	465,440	8,528	1,989,987

Project No:	60005822 Menaul Substation													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	61,628	1,288	1,288	1,288	1,288	1,288	7,108	7,108	7,108	7,108	25,276	7,108	54,032	182,918
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	1,305,335	-	-	-	-	-	14,551	14,551	14,551	14,551	359,745	14,551	906,102	2,643,934
370: Outside Services	36,211	11,593	11,593	11,593	11,593	11,593	11,593	11,593	11,593	11,593	11,593	11,593	11,593	175,325
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	8,730	8,730	8,730	8,730	8,730	8,730	8,730	61,112
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,665	97	97	97	97	97	535	535	535	535	1,903	535	4,069	13,798
914: Pension and Benefits	13,262	297	297	297	297	297	1,637	1,637	1,637	1,637	5,821	1,637	12,444	41,195
915: Injuries and Damages	5,275	128	128	128	128	128	707	707	707	707	2,515	707	5,376	17,344
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	297,351	-	-	-	-	-	4,124	4,124	4,124	4,124	101,973	4,124	256,844	676,790
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	173,415	1,541	1,541	1,541	1,541	1,541	5,159	5,159	5,159	5,159	47,792	5,159	115,270	369,979
926: A&G Loads	55,566	462	462	462	462	462	1,507	1,507	1,507	1,507	14,552	1,507	35,198	115,164
928: AFUDC Debt	10,876	3,809	3,856	3,904	3,951	3,999	4,085	4,209	4,334	4,459	5,075	5,694	7,092	65,343
929: AFUDC Equity	26,404	4,859	4,919	4,980	5,041	5,102	5,211	5,369	5,528	5,688	6,474	7,263	9,047	95,884
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,989,987	24,074	24,182	24,290	24,399	24,508	64,949	65,231	65,514	65,799	591,449	68,609	1,425,796	4,458,786

Project No:	60005822 Menaul Substation													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	182,918	38,450	18,038	18,850	33,679	18,038	18,038	18,038	1,288	1,288	1,288	1,288	-	351,200
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	2,643,934	-	-	15,432	297,184	-	-	-	-	-	-	-	-	2,956,550
370: Outside Services	175,325	243,989	162,340	162,340	162,340	162,340	162,340	162,340	11,593	11,593	11,593	11,593	342,668	1,782,390
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	61,112	-	-	-	-	-	-	-	-	-	-	-	-	61,112
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	13,798	2,895	1,358	1,419	2,536	1,358	1,358	1,358	97	97	97	97	-	26,470
914: Pension and Benefits	41,195	8,855	4,154	4,341	7,756	4,154	4,154	4,154	297	297	297	297	-	79,951
915: Injuries and Damages	17,344	3,826	1,795	1,876	3,351	1,795	1,795	1,795	128	128	128	128	-	34,088
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	676,790	-	-	4,374	84,240	-	-	-	-	-	-	-	-	765,404
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	369,979	34,272	21,584	23,490	58,287	21,584	21,584	21,584	1,541	1,541	1,541	1,541	39,407	617,934
926: A&G Loads	115,164	12,286	7,846	8,553	21,454	7,846	7,846	7,846	560	560	560	560	14,906	205,990
928: AFUDC Debt	65,343	7,411	7,891	8,292	9,053	8,000	10,191	10,585	407	82	60	48	314	129,476
929: AFUDC Equity	95,884	12,846	13,679	14,373	15,693	16,987	17,666	18,348	705	142	103	84	544	207,055
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	(5,795,220)	(195,475)	(26,248)	(20,040)	(33,896)	(350,201)	(6,421,079)
825: Closing Cost of Removal	-	-	-	-	-	-	-	(714,409)	(24,132)	(3,314)	(2,589)	(4,460)	(47,638)	(796,542)
Project Net	4,458,786	364,829	238,684	263,340	695,574	243,902	244,972	(6,263,581)	(202,991)	(13,834)	(6,961)	(22,719)	(0)	-

Project No: 60005910 Substation Equipment Replacements B

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 10/9/2008

Estimated Completion Date 12/31/2027

Description
This project covers replacement of aging equipment and/or station improvements at PNM substations.

Project Need Justification
This project covers the replacement of aging substation equipment which allows PNM to maintain safe and reliable operations for both employees and customers.

Project Alternatives
Without this project, smaller substation improvements and equipment replacement would be grouped in with larger funding projects and would delay implementation of needed improvements or replacements.

Project Estimate Approach
Specific efforts funded by this project are identified through routine station inspections, and during maintenance or replacement of substation assets. Efforts are prioritized and scheduled based on system needs (i.e., more critical equipment is replaced first), the potential vulnerability to the system if the equipment were to fail prior to replacement, and age of the equipment.

Customer Benefit
By replacing aging equipment, the changes of unplanned outages caused by equipment failure is reduced. Replacing aged equipment also reduced the risk of a catastrophic failure which could result in damage to other company equipment causing service interruptions and more costly repairs.

Primary Value Driver Reliability

Safety

Reliability This project enables PNM to meet reliability obligations for our customers, while providing safe and reliable equipment for our employees.

System Performance

Security

Compliance

Environmental

Project No:	60005910 Substation Equipment Replacements B							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,790,687	-	18,750	-	18,750	-	18,750	1,846,937
120: Overtime-General	512,224	-	-	-	18,250	-	-	530,474
350: Material Issues-Major	3,236,769	-	62,500	51,500	62,500	-	8,000	3,421,269
370: Outside Services	1,805,684	-	37,500	-	37,500	-	24,000	1,904,684
374: Outside Services Legal	1,710	-	-	-	-	-	-	1,710
377: Outside Svcs-Temp Labor	(0)	-	-	-	-	-	-	(0)
391: Jt Proj Bill to PNM -N Lab	351	-	-	-	-	-	-	351
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	624,958	-	-	-	-	-	-	624,958
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(235)	-	-	-	-	-	-	(235)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	173,045	-	1,419	-	2,801	-	1,419	178,684
914: Pension and Benefits	581,868	-	4,035	-	7,962	-	4,035	597,900
915: Injuries and Damages	171,569	-	1,605	-	3,167	-	1,605	177,946
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	112,007	-	16,759	13,810	16,759	-	2,145	161,481
922: Minor Material Load	16,701	-	-	-	-	-	-	16,701
925: E&S Loads	1,104,256	-	15,726	6,438	18,866	-	7,226	1,152,512
926: A&G Loads	500,440	-	4,703	2,039	5,425	-	2,010	514,617
928: AFUDC Debt	84,092	812	754	733	745	694	601	88,433
929: AFUDC Equity	126,083	1,949	1,810	1,759	1,789	1,667	1,443	136,500
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(8,973,378)	(115,938)	(121,950)	(111,045)	(123,132)	(98,978)	(458,842)	(10,003,263)
825: Closing Cost of Removal	(1,078,823)	(42,616)	(38,005)	(32,175)	(30,347)	(24,278)	(105,415)	(1,351,659)
Project Net	790,007	(155,792)	5,606	(66,941)	41,036	(120,894)	(493,022)	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,846,937	-	18,750	-	18,750	-	18,750	-	18,750	-	18,750	-	18,750	1,959,437
120: Overtime-General	530,474	-	20,000	-	20,000	-	6,000	-	20,000	-	18,750	-	20,000	635,224
350: Material Issues-Major	3,421,269	-	62,800	-	62,500	-	62,500	-	62,500	-	62,500	-	12,700	3,746,769
370: Outside Services	1,904,684	-	37,500	-	37,500	-	37,500	-	37,500	-	37,500	-	17,500	2,109,684
374: Outside Services Legal	1,710	-	-	-	-	-	-	-	-	-	-	-	-	1,710
377: Outside Svcs-Temp Labor	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)
391: Jt Proj Bill to PNM -N Lab	351	-	-	-	-	-	-	-	-	-	-	-	-	351
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	624,958	-	-	-	-	-	-	-	-	-	-	-	-	624,958
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(235)	-	-	-	-	-	-	-	-	-	-	-	-	(235)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	178,684	-	2,918	-	2,918	-	1,864	-	2,918	-	2,824	-	2,918	195,043
914: Pension and Benefits	597,900	-	8,924	-	8,924	-	5,700	-	8,924	-	8,636	-	8,924	647,933
915: Injuries and Damages	177,946	-	3,856	-	3,856	-	2,463	-	3,856	-	3,731	-	3,856	199,563
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	161,481	-	17,801	-	17,716	-	17,716	-	17,716	-	17,716	-	3,600	253,747
922: Minor Material Load	16,701	-	-	-	-	-	-	-	-	-	-	-	-	16,701
925: E&S Loads	1,152,512	-	17,796	-	17,761	-	15,499	-	17,761	-	17,559	-	9,734	1,248,624
926: A&G Loads	514,617	-	4,992	-	4,981	-	4,479	-	4,981	-	4,936	-	2,475	541,461
928: AFUDC Debt	88,433	-	183	293	418	482	549	570	641	661	712	716	670	94,326
929: AFUDC Equity	136,500	-	233	374	533	615	700	727	817	843	908	914	855	144,018
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(10,003,263)	-	(34,462)	(27,703)	(56,656)	(45,544)	(67,040)	(53,891)	(77,708)	(62,467)	(84,249)	(67,725)	(360,827)	(10,941,538)
825: Closing Cost of Removal	(1,351,659)	-	(4,688)	(3,750)	(7,678)	(6,143)	(9,053)	(7,243)	(10,472)	(8,377)	(11,332)	(9,065)	(48,316)	(1,477,776)
Project Net	-	-	156,602	(30,787)	131,523	(50,591)	97,626	(59,837)	108,184	(69,341)	98,942	(75,160)	(307,162)	0

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,959,437	-	18,750	-	18,750	-	18,750	-	18,750	-	18,750	-	18,750	2,071,937
120: Overtime-General	635,224	-	20,000	-	20,000	-	18,750	-	20,000	-	18,750	-	-	732,724
350: Material Issues-Major	3,746,769	-	62,500	-	62,500	-	62,500	-	62,500	-	65,000	-	13,100	4,074,869
370: Outside Services	2,109,684	-	37,500	-	37,500	-	37,500	-	37,500	-	37,500	-	15,000	2,312,184
374: Outside Services Legal	1,710	-	-	-	-	-	-	-	-	-	-	-	-	1,710
377: Outside Svcs-Temp Labor	(0)	-	-	-	-	-	-	-	-	-	-	-	-	(0)
391: Jt Proj Bill to PNM -N Lab	351	-	-	-	-	-	-	-	-	-	-	-	-	351
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	624,958	-	-	-	-	-	-	-	-	-	-	-	-	624,958
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(235)	-	-	-	-	-	-	-	-	-	-	-	-	(235)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	195,043	-	2,918	-	2,918	-	2,824	-	2,918	-	2,824	-	1,412	210,856
914: Pension and Benefits	647,933	-	8,924	-	8,924	-	8,636	-	8,924	-	8,636	-	4,318	696,296
915: Injuries and Damages	199,563	-	3,856	-	3,856	-	3,731	-	3,856	-	3,731	-	1,866	220,458
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	253,747	-	17,716	-	17,716	-	17,716	-	17,716	-	18,425	-	3,713	346,750
922: Minor Material Load	16,701	-	-	-	-	-	-	-	-	-	-	-	-	16,701
925: E&S Loads	1,248,624	-	17,761	-	17,761	-	17,559	-	17,761	-	17,847	-	6,261	1,343,576
926: A&G Loads	541,461	-	6,036	-	6,036	-	5,981	-	6,036	-	6,090	-	2,038	573,677
928: AFUDC Debt	94,326	-	155	249	355	409	482	510	565	578	621	624	554	99,430
929: AFUDC Equity	144,018	-	269	431	615	709	836	885	980	1,003	1,077	1,082	961	152,865
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(10,941,538)	-	(34,574)	(27,795)	(56,919)	(45,759)	(71,006)	(57,084)	(80,465)	(64,688)	(86,860)	(69,829)	(271,452)	(11,807,967)
825: Closing Cost of Removal	(1,477,776)	-	(4,703)	(3,762)	(7,713)	(6,170)	(9,591)	(7,673)	(10,841)	(8,673)	(11,680)	(9,344)	(36,280)	(1,594,207)
Project Net	0	-	157,108	(30,878)	132,299	(50,811)	114,670	(63,361)	106,200	(71,780)	100,712	(77,466)	(239,758)	76,933

Project No: 60028020 ITRON FSC Upgrade

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 5/18/2020

Estimated Completion Date 1/31/2023

Description
The Itron Field Collection System (FCS) Upgrade project will upgrade the Itron FCS meter management system for New Mexico (NM). The current system is going out of support, which is not ideal for PNM to be, but is manageable. The supporting infrastructure is also out of support. This has occurred as PNM sought to confirm plans for new advanced metering capabilities. Handheld meter reading devices cannot be upgraded beyond Microsoft Windows 7, posing a security risk. For technical support and security reasons, the entire platform must be upgraded and the handheld devices replaced.

Project Need Justification
For technical support and security reasons, the entire Itron FCS platform must be upgraded and the handheld devices replaced.

Project Alternatives
Itron is an industry standard and long-time vendor with PNM. There is no option to replace them with another vendor, at least until PNM makes possible meter architecture changes. Failure to undertake and complete this project will lead to an inability to read and service current meters on customers' properties.

Project Estimate Approach
Project cost estimates have been based on vendor quotes for necessary labor, licenses, and equipment as well as historical information about internal labor and administrative overhead costs from similar past projects, including previous Itron upgrades.

Customer Benefit
Customers expect convenient and accurate tracking of their electric consumption. Dated and out-of-support meter tracking equipment makes it less likely that PNM can meet this expectation. This project will mitigate that issue by upgrading all end-of-life components.

Primary Value Driver Reliability

Safety

Reliability Customers expect convenient and accurate tracking of their electric consumption. Dated and out-of-support meter tracking equipment makes it less likely that PNM can meet this expectation. This project will mitigate that issue by upgrading all end-of-life components.

System Performance

Security

Compliance

Environmental

Project No:	60028020 ITRON FSC Upgrade							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	46,780	-	-	-	-	-	-	46,780
120: Overtime-General	1,816	-	-	-	-	-	-	1,816
350: Material Issues-Major	661,178	-	-	-	-	-	-	661,178
370: Outside Services	257,382	-	-	-	-	-	-	257,382
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,532	-	-	-	-	-	-	5,532
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	47,477	3,083	3,097	3,149	3,173	3,204	3,255	66,439
610: Expenses - General	27,686	-	-	-	-	-	-	27,686
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,659	-	-	-	-	-	-	3,659
914: Pension and Benefits	10,721	-	-	-	-	-	-	10,721
915: Injuries and Damages	3,914	-	-	-	-	-	-	3,914
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	51,830	-	-	-	-	-	-	51,830
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	52,809	-	-	-	-	-	-	52,809
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	1,170,784	3,083	3,097	3,149	3,173	3,204	3,255	1,189,746

Project No:	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
	110: Straight Time-General	46,780	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	1,816	-	-	-	-	-	-	-	-	-	-	-	-	1,816
350: Material Issues-Major	661,178	-	-	-	-	-	-	-	-	-	-	-	-	661,178
370: Outside Services	257,382	-	-	-	-	-	-	-	-	-	-	-	-	257,382
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,532	-	-	-	-	-	-	-	-	-	-	-	-	5,532
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	66,439	3,253	-	-	-	-	-	-	-	-	-	-	-	69,692
610: Expenses - General	27,686	-	-	-	-	-	-	-	-	-	-	-	-	27,686
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,659	-	-	-	-	-	-	-	-	-	-	-	-	3,659
914: Pension and Benefits	10,721	-	-	-	-	-	-	-	-	-	-	-	-	10,721
915: Injuries and Damages	3,914	-	-	-	-	-	-	-	-	-	-	-	-	3,914
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	51,830	-	-	-	-	-	-	-	-	-	-	-	-	51,830
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	52,809	-	-	-	-	-	-	-	-	-	-	-	-	52,809
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	(1,178,447)	-	-	-	-	-	-	-	-	-	-	-	(1,178,447)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	1,189,746	(1,175,194)	-	-	-	-	-	-	-	-	-	-	-	14,552

Project No:	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
	110: Straight Time-General	46,780	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	1,816	-	-	-	-	-	-	-	-	-	-	-	-	1,816
350: Material Issues-Major	661,178	-	-	-	-	-	-	-	-	-	-	-	-	661,178
370: Outside Services	257,382	-	-	-	-	-	-	-	-	-	-	-	-	257,382
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	5,532	-	-	-	-	-	-	-	-	-	-	-	-	5,532
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	69,692	-	-	-	-	-	-	-	-	-	-	-	-	69,692
610: Expenses - General	27,686	-	-	-	-	-	-	-	-	-	-	-	-	27,686
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,659	-	-	-	-	-	-	-	-	-	-	-	-	3,659
914: Pension and Benefits	10,721	-	-	-	-	-	-	-	-	-	-	-	-	10,721
915: Injuries and Damages	3,914	-	-	-	-	-	-	-	-	-	-	-	-	3,914
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	51,830	-	-	-	-	-	-	-	-	-	-	-	-	51,830
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	52,809	-	-	-	-	-	-	-	-	-	-	-	-	52,809
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,178,447)	-	-	-	-	-	-	-	-	-	-	-	-	(1,178,447)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	14,552	-	-	-	-	-	-	-	-	-	-	-	-	14,552

Project No: 60028021 POWR Mobile Enhancements

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 2/1/2021

Estimated Completion Date 9/1/2022

Description

The enhancements to the PRISM Outage Management System (OMS) Workforce Resource (POWR) application are required by PNM to fulfill the timely outage cause updates to the PNM Outage Map and Customer Outage Communications process that interface directly with OMS and POWR by the Outage Communications Project group, and to ensure that field crews do not directly restore an outage in OMS from the POWR application as overseen by the Distribution Operations Center (DOC) Operations department.

The enhancements are achieved through upgrading an existing software and include the following:

- Allow crews to confirm and submit information at any time for any incident or outage including outage cause information.
- Allow a crew to defer to another job once they have submitted information for the outage which then puts them back to an Assigned Outage status
- Allow crews to see the 'Restored' status on the order summary screen and reinitiate the workflow if they are on another job or continue if still on-site for said outage
- Offer a depart site button that will be used to 'Complete' work on the outage
- Provide a new field in OMSWeb on the Summary display that will allow the Operators to determine when the crew has fully restored an outage
- Provide the operator with the ability to accept or edit restoration date submitted by Crew Personnel through POWR

Project Need Justification

The enhancements will provide the Outage Communications Project group timely outage cause updates to the PNM Outage Map and Customer Outage Communications process that interface directly with OMS and POWR. While maintaining the requirement, of the DOC Operations department, that field crews cannot directly restore an outage in OMS from the POWR application.

Project Alternatives

Since the OMS and POWR mobile are integrated as part of the Minsait ACS products that were purchased by PNM, these enhancements are the best way to meet requirements. A do nothing approach would limit the capabilities of these products.

Project Estimate Approach

Not required for projects with less than \$250,000 of expenditures.

Customer Benefit

Customers benefit through maintained service integrity and enhanced reliability provided by better communications and outage updates.

Primary Value Driver Reliability

Safety

Reliability System reliability is enhanced by this project through better communication of outages and adherence to restoration protocols.

System Performance

Security

Compliance

Environmental

Project No:	60028021 POWR Mobile Enhancements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	14,235	-	-	-	-	-	-	14,235
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	35,491	-	-	-	-	-	-	35,491
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,543	157	158	160	-	-	-	2,018
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,069	-	-	-	-	-	-	1,069
914: Pension and Benefits	3,145	-	-	-	-	-	-	3,145
915: Injuries and Damages	1,115	-	-	-	-	-	-	1,115
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	111	-	-	-	-	-	-	111
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	2,903	-	-	-	-	-	-	2,903
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(59,318)	-	-	-	(59,318)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	59,612	157	158	(59,158)	-	-	-	769

Project No:	60028021 POWR Mobile Enhancements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	14,235	-	-	-	-	-	-	-	-	-	-	-	-	14,235
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	35,491	-	-	-	-	-	-	-	-	-	-	-	-	35,491
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,018	-	-	-	-	-	-	-	-	-	-	-	-	2,018
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,069	-	-	-	-	-	-	-	-	-	-	-	-	1,069
914: Pension and Benefits	3,145	-	-	-	-	-	-	-	-	-	-	-	-	3,145
915: Injuries and Damages	1,115	-	-	-	-	-	-	-	-	-	-	-	-	1,115
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	111	-	-	-	-	-	-	-	-	-	-	-	-	111
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	2,903	-	-	-	-	-	-	-	-	-	-	-	-	2,903
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(59,318)	-	-	-	-	-	-	-	-	-	-	-	-	(59,318)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	769	-	-	-	-	-	-	-	-	-	-	-	-	769

Project No:	60028021 POWR Mobile Enhancements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	14,235	-	-	-	-	-	-	-	-	-	-	-	-	14,235
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	35,491	-	-	-	-	-	-	-	-	-	-	-	-	35,491
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	2,018	-	-	-	-	-	-	-	-	-	-	-	-	2,018
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	1,069	-	-	-	-	-	-	-	-	-	-	-	-	1,069
914: Pension and Benefits	3,145	-	-	-	-	-	-	-	-	-	-	-	-	3,145
915: Injuries and Damages	1,115	-	-	-	-	-	-	-	-	-	-	-	-	1,115
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	111	-	-	-	-	-	-	-	-	-	-	-	-	111
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	2,903	-	-	-	-	-	-	-	-	-	-	-	-	2,903
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(59,318)	-	-	-	-	-	-	-	-	-	-	-	-	(59,318)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Net	769	-	-	-	-	-	-	-	-	-	-	-	-	769

Project No: 60030017 17-21 Specialty Equip & Vehicle Co1

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 1/1/2017

Estimated Completion Date 12/31/2026

Description
This project involves the purchase of specialty equipment and vehicles needed to perform distribution class construction and maintenance. Examples of specialty equipment and vehicles includes backyard excavators specifically needed to access distribution facilities in tight areas that vehicles cannot reach, tool trailers, and cable fault locators that enable crews to dig up the cable at the location of damage rather than operating at an extended length.

Project Need Justification
The needs for this project are two-fold. First, the additional vehicles and equipment are needed to both replace aging and functionally obsolete equipment. Second, the newer equipment has features that make it easier and more efficient to perform required work activities (e.g., new cable fault locators that enable crews to dig up the cable at the location of damage rather than operating at an extended length). This increased functionality increases the efficiency of crews,

Project Alternatives
The other alternative would be to continue to use older equipment or lease the equipment. The older equipment is more susceptible to mechanical breakdowns and other issues that may limit the ability to use the vehicle/equipment. These breakdowns also result in higher ongoing maintenance costs. In terms of the other alternative of leasing, a multi-disciplinary group has reviewed the proposed purchases for both their need and to determine if the Company is better suited to purchase or lease. Vehicles and equipment that was identified as being more preferable to lease, will be leased (i.e., the costs are not included in this project).

Project Estimate Approach
Project cost have been estimated using specifications for individual purchases with several criteria in mind including vendor experience with PNM and/or other utilities, ability to standardize equipment, ease of operation of equipment, warranty, and critical work requirements. In conjunction with PNM's Fleet Department, bids are solicited and evaluated prior to commitment of funds.

Customer Benefit
The functionality of these new vehicles and equipment will make it possible for crews to more accurately identify the source of outages and perform the work required to restore service faster. This increase in speed with reduce the duration of outages.

Primary Value Driver Safety
Safety
The risk of potential employee and/or public safety incidents and damage to public and/or company property is reduced if the job is being performed by crews that have the equipment best suited for the specific task.

Reliability Improved reliability as work can be performed faster, more accurately, and systems restored quickly when PNM crews use specific equipment for specific jobs.

System Performance

Security

Compliance

Environmental

Project No:

60030017 17-21 Specialty Equip & Vehicle Co1

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	23,765	-	-	-	-	-	-	23,765
120: Overtime-General	3,946	-	-	-	-	-	-	3,946
350: Material Issues-Major	2,401,391	-	-	-	-	-	-	2,401,391
370: Outside Services	13,847	40,000	40,000	40,000	40,000	40,000	40,000	253,847
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	19,204	421	520	628	732	840	955	23,301
610: Expenses - General	169,460	-	-	-	-	-	-	169,460
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,189	-	-	-	-	-	-	2,189
914: Pension and Benefits	7,135	-	-	-	-	-	-	7,135
915: Injuries and Damages	1,920	-	-	-	-	-	-	1,920
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	99,593	-	-	-	-	-	-	99,593
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	184,608	1,584	1,584	1,584	1,584	1,584	1,584	194,112
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(2,785,538)	-	-	-	-	-	(363,081)	(3,148,620)
825: Closing Cost of Removal	-	-	-	-	-	-	(29,940)	(29,940)
Project Net	141,522	42,005	42,104	42,212	42,316	42,424	(350,483)	2,100

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	23,765	-	-	-	-	-	-	-	-	-	-	-	-	23,765
120: Overtime-General	3,946	-	-	-	-	-	-	-	-	-	-	-	-	3,946
350: Material Issues-Major	2,401,391	-	-	-	-	-	-	-	-	-	-	-	-	2,401,391
370: Outside Services	253,847	20,900	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	714,747
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	23,301	26	104	210	313	422	539	655	776	900	1,032	1,161	1,300	30,739
610: Expenses - General	169,460	-	-	-	-	-	-	-	-	-	-	-	-	169,460
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,189	-	-	-	-	-	-	-	-	-	-	-	-	2,189
914: Pension and Benefits	7,135	-	-	-	-	-	-	-	-	-	-	-	-	7,135
915: Injuries and Damages	1,920	-	-	-	-	-	-	-	-	-	-	-	-	1,920
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	99,593	-	-	-	-	-	-	-	-	-	-	-	-	99,593
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	194,112	750	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436	1,436	210,658
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,148,620)	-	-	-	-	-	-	-	-	-	-	-	(427,591)	(3,576,210)
825: Closing Cost of Removal	(29,940)	-	-	-	-	-	-	-	-	-	-	-	(57,294)	(87,234)
Project Net	2,100	21,677	41,540	41,646	41,749	41,858	41,975	42,091	42,212	42,336	42,468	42,597	(442,148)	2,100

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	23,765	-	-	-	-	-	-	-	-	-	-	-	-	23,765
120: Overtime-General	3,946	-	-	-	-	-	-	-	-	-	-	-	-	3,946
350: Material Issues-Major	2,401,391	-	-	-	-	-	-	-	-	-	-	-	-	2,401,391
370: Outside Services	714,747	28,500	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	1,183,247
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	30,739	45	153	281	408	537	668	794	924	1,060	1,187	1,321	1,464	39,581
610: Expenses - General	169,460	-	-	-	-	-	-	-	-	-	-	-	-	169,460
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	2,189	-	-	-	-	-	-	-	-	-	-	-	-	2,189
914: Pension and Benefits	7,135	-	-	-	-	-	-	-	-	-	-	-	-	7,135
915: Injuries and Damages	1,920	-	-	-	-	-	-	-	-	-	-	-	-	1,920
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	99,593	-	-	-	-	-	-	-	-	-	-	-	-	99,593
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	210,658	1,240	1,740	1,740	1,740	1,740	1,740	1,740	1,740	1,740	1,740	1,740	1,740	231,038
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(3,576,210)	-	-	-	-	-	-	-	-	-	-	-	(439,056)	(4,015,266)
825: Closing Cost of Removal	(87,234)	-	-	-	-	-	-	-	-	-	-	-	(58,666)	(145,900)
Project Net	2,100	29,785	41,893	42,021	42,148	42,277	42,408	42,534	42,664	42,800	42,927	43,061	(454,518)	2,100

Project No: 60030022 Spec Equip and Vehicles Co1

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Bernalillo 100%

Estimated Start Date 1/1/2022

Estimated Completion Date 12/31/2026

Description
This project involves the purchase of specialty equipment and vehicles needed to perform distribution-class construction and maintenance. In some instances, this will involve replacing aging and functionally obsolete equipment with newer equipment needed to perform system improvements and repairs. It will also involve the acquisition of equipment needed to support current construction programs.

Project Need Justification
The reliable development and operation of the PNM system requires 1) vehicles that can access remote sites 24/7/365 under difficult conditions, 2) highly specialized tools and testing equipment, and 3) specialized equipment to perform unique work. These items are not reasonably available on-call from local providers in either the timeframe needed or with the features required to perform PNM's work. Risks of not purchasing this equipment include employee safety, extended outages, customer service issues due to response time, and inability to perform work reliably and on a reasonable schedule.

Project Alternatives
The alternative would be to use older equipment or lease the equipment. The purchases in this project have been evaluated for need, and the benefits of purchasing have been compared to the benefits of leasing. Equipment that was identified as being more preferable to lease will be leased and is therefore not included in this project. For the remaining items, there are no other alternatives other than to replace with new equipment.

Project Estimate Approach
Project costs have been estimated using specifications for individual purchases with several criteria, including vendor experience with PNM and/or utilities, ability to standardize equipment, ease of operation, warranty, and critical work requirements. In conjunction with PNM's Fleet Department, bids were solicited and evaluated prior to commitment of funds.

Customer Benefit
Customers benefit from this project from decreased or shorter duration outages.

Primary Value Driver
Safety
This project will help avoid employee and public safety incidents as well as avoid damage to public property through the use of specific equipment for the type of work crews are performing.

Reliability
This project will improve reliability because work will be performed faster and more accurately, and systems will be restored quickly when PNM crews use specific equipment for specific jobs.

System Performance

Security

Compliance

Environmental

Project No:	60030022 Spec Equip and Vehicles Co1							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	246,714	41,612	41,715	41,817	193,923	75,655	42,140	42,254	42,368	4,240	42,596	42,709	857,743
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	311	682	802	482	798	1,176	704	833	964	528	603	738	8,621
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	8,857	1,494	1,498	1,501	6,962	2,716	1,513	1,517	1,521	152	1,529	1,533	30,793
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	(151,329)	-	-	(218,825)	-	-	(168,441)	-	-	(251,938)	(790,533)
825: Closing Cost of Removal	-	-	-	(20,513)	-	-	(29,611)	-	-	(22,684)	-	-	(33,815)	(106,624)
Project Net	-	255,882	43,787	(127,827)	43,800	201,682	(168,889)	44,357	44,603	(146,272)	4,920	44,728	(240,773)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	857,743	28,500	243,921	42,035	42,149	118,265	42,382	42,500	42,617	42,736	42,854	42,973	43,090	1,631,765
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	8,621	45	474	933	1,065	1,326	1,590	1,723	1,866	2,019	2,155	2,304	2,467	26,589
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	30,793	1,240	10,611	1,829	1,833	5,145	1,844	1,849	1,854	1,859	1,864	1,869	1,874	64,463
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(790,533)	-	-	-	-	-	-	-	-	-	-	-	(728,736)	(1,519,269)
825: Closing Cost of Removal	(106,624)	-	-	-	-	-	-	-	-	-	-	-	(96,923)	(203,547)
Project Net	-	29,785	255,006	44,796	45,048	124,735	45,816	46,072	46,337	46,614	46,873	47,146	(778,228)	-

Project No: 60030322 EV Charging Infrastructure-Co1

Company: 001 Electric Services
Location: 600 Electric System

Project Information

		<u>County %</u>	Grant	11% Bernalillo	13%
Estimated Start Date	1/1/2022		Luna	15%	
Estimated Completion Date	12/31/2023		Otero	16%	
			Lincoln	14%	
			Santa Fe	31%	

Description

To achieve a viable and sustainable electric vehicle (EV) program, PNM will have to expand and upgrade its existing charging infrastructure. Sites with existing basic infrastructure will need to be upgraded to networked chargers. Additionally, Direct Current fast chargers (DCFC) will need to be installed in limited quantities at key locations to allow for the quick charging of vehicles moving from location to location.

This project will supplement and upgrade the existing EV charging infrastructure at the Santa Fe Electric Service Center, Albuquerque Electric Service Center, Silver City Electric Service Center, Alamogordo Electric Service Center, Deming Electric Service Center, and Ruidoso Electric Service Center. PNM will install DCFC units at all of these sites, with some sites getting multiple chargers to support the anticipated number of EVs that will be acquired in the coming years. These DCFCs will allow for the full charging of light duty EVs in under 30 minutes and heavy duty EVs in under two hours, facilitating the movement of EVs from location to location. In addition, this project will also expand the number of level 2 (L2) chargers, usually used for overnight charging, at the Santa Fe Electric Service Center, Silver City Electric Service Center, Alamogordo Electric Service Center, Deming Electric Service Center, and Ruidoso Electric Service Center sites to support the growing number of light duty EVs in the fleet. Please note that the L2 chargers are only applicable to the charging of light duty EVs, as heavy duty vehicles require

Project Need Justification

Commercial fleets, including electric utility fleets, are transitioning to electric vehicle technologies at an accelerated pace. This transition is being driven by the attention being placed on global climate change, Original Equipment Manufacturer (OEM) vehicle advances and availability, and overall consumer demand. In 2020, Edison Electric Institute (EEI) members were asked to set new goals that better reflected their commitment to vehicle electrification. After significant analysis of future retirement/acquisition cycles, budgetary limitations, analysis of existing vehicles/technology, Plug-In Hybrid Electric Vehicle/Battery Electric Vehicle (PHEV/BEV) availability, as well as cost-effectiveness of those vehicles, PNM has committed to a 10% acquisition goal for all new units purchased in 2022 with a 5% increase year over year, cumulating in a 50% acquisition goal by 2030. This project supports the achievement of those goals.

Project Alternatives

No alternative were considered as PNM needs the chargers for the electric vehicles in its fleet. PNM will install the chargers in locations with electric vehicles and in areas that electric vehicles will travel to. PNM needs its own charging infrastructure to keep the vehicles safe, as it can take up to eight hours for a vehicle to become fully charged and it wouldn't be ideal to leave a vehicle in a non-secure area as it charges. PNM is also acquiring electric bucket trucks, and it wouldn't be practical to have them at public charging stations.

Project Estimate Approach

The project estimate was based off the number of locations and the amount of chargers going into each location (i.e., number of chargers multiplied by the cost of a charger). The Fleet department was given an estimate of the cost from the consulting firm, Jones Lang LaSalle (JLL), and the best bid was accepted for the infrastructure elements of the project.

Customer Benefit

Customers benefit as the cost of electricity for the chargers is significantly lower than the cost of fuel, and the overall cost to maintain an EV is lower than vehicles with an internal combustion engine. EVs are also cleaner and will reduce vehicle emissions.

Primary Value Driver Environmental

Safety

Reliability

System Performance

Security

Compliance Annually, PNM has to report to the U.S. Department of Energy Alternative Fuel Transportation Program to ensure our fleet is in compliance with their requirements. The program requires fleets to acquire alternative fuel vehicle as a percentage of their annual light-duty vehicle acquisitions.

Environmental In 2020, Edison Electric Institute (EEI) members were asked to set new goals that better reflected their commitment to vehicle electrification. After significant analysis of future retirement/acquisition cycles, budgetary limitations, analysis of existing vehicles/technology, Plug-In Hybrid Electric Vehicle/Battery Electric Vehicle (PHEV/BEV) availability, as well as cost-effectiveness of those vehicles, PNM has committed to a 10% acquisition goal for all new units purchased in 2022 with a 5% increase year over year, cumulating in a 50% acquisition goal by 2030. This project supports the achievement of those goals.

Project No: 60030322 EV Charging Infrastructure-Co1

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	1,436,801	1,436,801	1,124,769	689,260	330,619	124,125	36,469	8,384	1,508	-	-	-	5,188,736
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	1,803	5,410	8,625	10,902	12,182	12,837	13,038	13,094	13,107	-	-	-	90,998
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	407,276	407,276	318,827	195,378	93,717	35,184	10,338	2,377	427	-	-	-	1,470,799
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	-	51,581	51,581	40,379	24,744	11,869	4,456	1,309	301	54	-	-	-	186,276
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	(6,115,311)	-	-	-	(6,115,311)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	(821,497)	-	-	-	(821,497)
Project Net	-	1,897,461	1,901,068	1,492,600	920,284	448,387	176,602	61,154	24,156	(6,921,712)	-	-	-	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	5,188,736	-	-	-	-	-	-	-	-	-	-	-	-	5,188,736
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	90,998	-	-	-	-	-	-	-	-	-	-	-	-	90,998
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	1,470,799	-	-	-	-	-	-	-	-	-	-	-	-	1,470,799
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	186,276	-	-	-	-	-	-	-	-	-	-	-	-	186,276
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNM R D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,115,311)	-	-	-	-	-	-	-	-	-	-	-	-	(6,115,311)
825: Closing Cost of Removal	(821,497)	-	-	-	-	-	-	-	-	-	-	-	-	(821,497)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 60032020 Fleet Tool Blanket

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County % Total System 100%

Estimated Start Date 1/1/2020

Estimated Completion Date 12/31/2027

Description This project provides discretionary capital for replacing worn or broken equipment as outlined under PNM's Capitalization Guidelines Policy 226.1 for PNM's New Mexico fleet operational areas.

Project Need Justification Use of tools that are worn out or broken present a direct risk to the safety of PNM personnel, which also violates PNM's Employee Safety Manual. Tools that meet the capitalization threshold values must be replaced under the capitalization policy. Currently this department does not have a capital tools account.

Project Alternatives Not purchasing tools and equipment will negatively impact PNM personnel's ability to perform distribution work, which potentially increases costs as more time and effort may be required without the proper tools needed. Specific alternatives as to the type of tools and equipment purchased will be evaluated the time of replacement.

Project Estimate Approach The project estimate is based on historical spend for tool and equipment replacement costs for PNM New Mexico fleet.

Customer Benefit Customers benefit from this project as PNM personnel with the right tools may respond and restore outages more quickly improving reliability of customers' electricity service.

Primary Value Driver **Safety**
Safety Having the proper tools and equipment needed to conduct work will ensure PNM personnel are able to perform work safely and effectively.

Reliability This project improves overall reliability by ensuring PNM personnel have access to the tools necessary to respond and restore outages as quickly as possible.

System Performance

Security

Compliance

Environmental

Project No:	60032020 Fleet Tool Blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	349,661	-	-	-	-	36,600	-	386,261
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,407	-	-	-	-	56	115	1,579
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	6,062	-	-	-	-	9,814	-	15,876
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	20,769	-	-	-	-	1,449	-	22,219
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(377,900)	-	-	-	-	-	(41,611)	(419,511)
825: Closing Cost of Removal	-	-	-	-	-	-	(5,744)	(5,744)
Project Net	0	-	-	-	-	47,920	(47,240)	680

Project No:	60032020 Fleet Tool Blanket													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	386,261	-	-	-	-	-	-	-	-	-	-	36,600	-	422,861
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,579	-	-	-	-	-	-	-	-	-	-	67	136	1,781
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	15,876	-	-	-	-	-	-	-	-	-	-	10,375	-	26,251
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	22,219	-	-	-	-	-	-	-	-	-	-	1,314	-	23,533
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(419,511)	-	-	-	-	-	-	-	-	-	-	-	(42,696)	(462,207)
825: Closing Cost of Removal	(5,744)	-	-	-	-	-	-	-	-	-	-	-	(5,795)	(11,538)
Project Net	680	-	-	-	-	-	-	-	-	-	-	48,355	(48,355)	680

Project No:	60032020 Fleet Tool Blanket													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	422,861	-	-	-	-	-	-	-	-	-	-	36,600	-	459,461
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	1,781	-	-	-	-	-	-	-	-	-	-	74	150	2,004
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	26,251	-	-	-	-	-	-	-	-	-	-	10,375	-	36,625
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	23,533	-	-	-	-	-	-	-	-	-	-	1,592	-	25,125
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(462,207)	-	-	-	-	-	-	-	-	-	-	-	(42,962)	(505,170)
825: Closing Cost of Removal	(11,538)	-	-	-	-	-	-	-	-	-	-	-	(5,828)	(17,366)
Project Net	680	-	-	-	-	-	-	-	-	-	-	48,641	(48,641)	680

Project No: 60034022 Fleet Tool Blanket

Company: 001 Electric Services
Location: 600 Electric System

Project Information

County %	Bernalillo	Santa Fe
	75%	25%

Estimated Start Date 2/17/2022

Estimated Completion Date 12/31/2027

Description
This project will replace worn or broken equipment as outlined under PNM's Capitalization Guidelines Policy 226.1 for PNM's New Mexico fleet operational areas. Use of tools that are worn out or broken represent a direct risk to the safety of employees and directly violates PNM's Employee Safety Manual. Tools that meet the capitalization threshold values must be replaced under the capitalization policy. Currently, this department does not have a capital tools account.

Project Need Justification
Tools are worn out or broken, representing a direct risk to the safety of employees and directly violating PNM's Employee Safety Manual.

Project Alternatives
The alternative to a separate capital tool account is to charge tool replacements or acquisitions to the fleet overhead, which represents an O&M impact to the business units. Not purchasing tools and equipment will negatively impact PNM employees' ability to perform distribution work, which potentially increases cost as more time and effort may be required without the proper tools needed. Specific alternatives as to the type of tools and equipment purchase will be evaluated at the time of replacement.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers benefit from this project as PNM employees with the right tools may respond and restore outages more quickly, improving the reliability of customers' electricity service.

Primary Value Driver
Safety
Having the proper tools and equipment needed to conduct work will ensure PNM employees are able to perform work safely and effectively.

Reliability
This project improves overall reliability by ensuring PNM employees have access to tools necessary to respond and restore outages as quickly as possible.

System Performance
Customers benefit from this project as PNM employees with the right tools may respond and restore outages more quickly, improving reliability of customers' electricity service.

Security

Compliance

Environmental

Project No:	60034022 Fleet Tool Blanket							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	6,142	-	-	-	-	-	-	6,142
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	8	-	-	-	-	-	-	8
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	303	-	-	-	-	-	-	303
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	243	-	-	-	-	-	-	243
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	(6,688)	(6,688)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	6,696	-	-	-	-	-	(6,688)	8

Project No:	60034022 Fleet Tool Blanket													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	6,142	-	10,000	-	5,000	5,000	5,000	4,000	4,500	5,000	-	-	-	44,642
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	8	-	-	-	-	-	-	-	-	-	-	-	-	8
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	303	-	2,835	-	1,417	1,417	1,417	1,134	1,276	1,417	-	-	-	11,216
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	243	-	359	-	180	180	180	144	162	180	-	-	-	1,625
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,688)	-	-	-	-	-	-	-	-	-	-	-	(44,700)	(51,388)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(6,095)	(6,095)
Project Net	8	-	13,194	-	6,597	6,597	6,597	5,277	5,937	6,597	-	-	(50,795)	8

Project No:	60034022 Fleet Tool Blanket													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	44,642	-	-	-	-	-	-	-	-	-	-	-	-	44,642
370: Outside Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	8	-	-	-	-	-	-	-	-	-	-	-	-	8
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	11,216	-	-	-	-	-	-	-	-	-	-	-	-	11,216
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-
926: A&G Loads	1,625	-	-	-	-	-	-	-	-	-	-	-	-	1,625
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(51,388)	-	-	-	-	-	-	-	-	-	-	-	-	(51,388)
825: Closing Cost of Removal	(6,095)	-	-	-	-	-	-	-	-	-	-	-	-	(6,095)
Project Net	8	-	-	-	-	-	-	-	-	-	-	-	-	8

Project No: 89900107 Line Extensions - Residential

Company: 001 Electric Services
Location: 899 Bernalillo Division

Project Information

County % Sandoval 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to residential customers. Line extensions consist of the installation of all field equipment necessary to provide for new electric service or to upgrade existing services. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new residential customers, apartment complexes, and residential subdivisions or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new or existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their new or existing home.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	89900107 Line Extensions - Residential							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,177,772	6,006	4,473	4,923	2,479	9,437	8,472	1,213,562
120: Overtime-General	15,125	24	18	20	10	38	34	15,269
350: Material Issues-Major	2,802,672	13,805	10,279	11,315	5,697	21,690	19,470	2,884,929
370: Outside Services	4,782,120	46,493	34,620	38,107	19,189	73,052	65,575	5,059,156
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	57,845	-	-	-	-	-	-	57,845
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	1,308,268	-	-	-	-	-	-	1,308,268
805: Land and Land Rights	3,600	-	-	-	-	-	-	3,600
807: Non Refundable Contrib	(7,786,921)	(39,021)	(29,056)	(31,982)	(16,104)	(61,311)	(55,035)	(8,019,430)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	87,707	457	340	374	188	717	644	90,427
914: Pension and Benefits	323,346	1,298	966	1,064	536	2,039	1,830	331,079
915: Injuries and Damages	84,863	516	384	423	213	811	728	87,939
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	246,489	3,702	2,756	3,034	1,528	5,816	5,221	268,546
922: Minor Material Load	179,823	-	-	-	-	-	-	179,823
925: E&S Loads	1,409,008	8,575	6,385	7,028	3,539	13,473	12,094	1,460,102
926: A&G Loads	542,592	2,627	1,956	2,153	1,084	4,127	3,705	558,243
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(5,083,311)	(17,244)	(19,386)	(21,672)	(20,679)	(28,027)	(32,920)	(5,223,239)
825: Closing Cost of Removal	(55,826)	(7,894)	(7,188)	(6,682)	(5,876)	(6,328)	(6,544)	(96,337)
Project Net	95,171	19,344	6,548	8,104	(8,196)	35,536	23,274	179,781

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,213,562	12,975	5,785	4,904	9,486	5,994	7,942	6,157	4,584	5,046	2,541	9,673	8,683	1,297,333
120: Overtime-General	15,269	52	23	20	38	24	32	25	18	20	10	39	35	15,606
350: Material Issues-Major	2,884,929	29,530	13,165	11,161	21,590	13,643	18,076	14,012	10,434	11,484	5,783	22,016	19,762	3,075,585
370: Outside Services	5,059,156	99,456	44,339	37,591	72,713	45,948	60,879	47,191	35,140	38,678	19,476	74,148	66,559	5,701,273
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	57,845	-	-	-	-	-	-	-	-	-	-	-	-	57,845
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,308,268	-	-	-	-	-	-	-	-	-	-	-	-	1,308,268
805: Land and Land Rights	3,600	-	-	-	-	-	-	-	-	-	-	-	-	3,600
807: Non Refundable Contrib	(8,019,430)	(83,471)	(37,213)	(31,549)	(61,026)	(38,563)	(51,094)	(39,606)	(29,492)	(32,462)	(16,346)	(62,230)	(55,861)	(8,558,342)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	90,427	981	437	371	717	453	600	465	347	381	192	731	656	96,761
914: Pension and Benefits	331,079	3,000	1,338	1,134	2,193	1,386	1,836	1,424	1,060	1,167	588	2,237	2,008	350,449
915: Injuries and Damages	87,939	1,296	578	490	948	599	793	615	458	504	254	966	867	96,307
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	268,546	8,371	3,732	3,164	6,120	3,867	5,124	3,972	2,958	3,255	1,639	6,241	5,602	322,589
922: Minor Material Load	179,823	-	-	-	-	-	-	-	-	-	-	-	-	179,823
925: E&S Loads	1,460,102	16,938	7,551	6,402	12,384	7,825	10,368	8,037	5,985	6,587	3,317	12,628	11,336	1,569,462
926: A&G Loads	558,243	5,098	2,273	1,927	3,727	2,355	3,121	2,419	1,801	1,983	998	3,801	3,412	591,159
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,223,239)	(41,920)	(41,029)	(39,285)	(43,126)	(42,259)	(43,788)	(42,988)	(40,524)	(39,034)	(34,931)	(39,771)	(42,601)	(5,714,495)
825: Closing Cost of Removal	(96,337)	(7,401)	(6,976)	(6,490)	(6,810)	(6,524)	(6,596)	(6,374)	(5,946)	(5,667)	(5,046)	(5,655)	(5,999)	(171,823)
Project Net	179,781	44,906	(5,997)	(10,160)	18,954	(5,251)	7,294	(4,653)	(13,178)	(8,057)	(21,524)	24,824	14,460	221,400

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,297,333	13,300	5,929	5,027	9,723	6,144	8,141	6,310	4,699	5,172	2,604	9,915	8,900	1,383,198
120: Overtime-General	15,606	53	24	20	39	25	33	25	19	21	10	40	36	15,951
350: Material Issues-Major	3,075,585	29,973	13,363	11,329	21,913	13,847	18,347	14,222	10,590	11,657	5,870	22,346	20,059	3,269,100
370: Outside Services	5,701,273	100,948	45,004	38,154	73,803	46,637	61,792	47,899	35,667	39,259	19,769	75,260	67,557	6,353,022
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	57,845	-	-	-	-	-	-	-	-	-	-	-	-	57,845
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	1,308,268	-	-	-	-	-	-	-	-	-	-	-	-	1,308,268
805: Land and Land Rights	3,600	-	-	-	-	-	-	-	-	-	-	-	-	3,600
807: Non Refundable Contrib	(8,558,342)	(84,723)	(37,771)	(32,022)	(61,941)	(39,141)	(51,860)	(40,200)	(29,934)	(32,949)	(16,591)	(63,164)	(56,699)	(9,105,337)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	96,761	1,005	448	380	735	465	615	477	355	391	197	750	673	103,252
914: Pension and Benefits	350,449	3,075	1,371	1,162	2,248	1,421	1,882	1,459	1,087	1,196	602	2,293	2,058	370,303
915: Injuries and Damages	96,307	1,329	592	502	971	614	813	630	469	517	260	991	889	104,885
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	322,589	8,496	3,788	3,211	6,212	3,925	5,201	4,031	3,002	3,304	1,664	6,334	5,686	377,443
922: Minor Material Load	179,823	-	-	-	-	-	-	-	-	-	-	-	-	179,823
925: E&S Loads	1,569,462	17,214	7,674	6,506	12,585	7,952	10,537	8,168	6,082	6,694	3,371	12,833	11,520	1,680,597
926: A&G Loads	591,159	6,276	2,798	2,372	4,588	2,899	3,842	2,978	2,217	2,441	1,229	4,679	4,200	631,679
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(5,714,495)	(50,289)	(48,083)	(45,232)	(48,317)	(46,715)	(47,706)	(46,405)	(43,478)	(41,624)	(37,139)	(41,902)	(44,637)	(6,256,023)
825: Closing Cost of Removal	(171,823)	(7,013)	(6,684)	(6,273)	(6,675)	(6,441)	(6,563)	(6,375)	(5,968)	(5,708)	(5,090)	(5,735)	(6,104)	(246,452)
Project Net	221,400	39,644	(11,547)	(14,863)	15,886	(8,367)	5,074	(6,781)	(15,193)	(9,629)	(23,244)	24,639	14,138	231,155

Project No: 89900207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 899 Bernalillo Division

Project Information

County % Sandoval 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new non-residential customers or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new and existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Historical spend in this funding project was analyzed to develop this project's estimated future spend. This project's spend forecast is prepared by escalating the most recent 12-month actual spend by the expected rate of change in annual new non-residential customers from available customer growth forecasts and by escalating labor and non-labor actual spend by forecasted labor and non-labor escalation rates.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NEC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No:	89900207 Line Extensions - Commercial							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,563,082	3,461	3,461	3,116	3,731	2,324	2,307	1,581,482
120: Overtime-General	54,629	-	-	-	-	-	-	54,629
350: Material Issues-Major	4,564,183	23,141	23,141	20,840	24,953	15,543	15,428	4,687,229
370: Outside Services	3,931,320	34,828	34,828	31,364	37,554	23,393	23,219	4,116,506
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	93,496	-	-	-	-	-	-	93,496
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	417,582	6	6	5	6	4	4	417,611
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(7,686,424)	(56,232)	(56,232)	(50,640)	(60,634)	(37,769)	(37,488)	(7,985,418)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	118,593	262	262	236	282	176	175	119,986
914: Pension and Benefits	454,504	745	745	671	803	500	496	458,464
915: Injuries and Damages	122,240	296	296	267	319	199	197	123,815
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	466,972	6,205	6,205	5,588	6,691	4,168	4,137	499,967
922: Minor Material Load	353,089	-	-	-	-	-	-	353,089
925: E&S Loads	1,809,155	7,842	7,842	7,062	8,456	5,267	5,228	1,850,854
926: A&G Loads	664,640	2,433	2,433	2,191	2,623	1,634	1,622	677,576
928: AFUDC Debt	11,857	-	-	-	-	-	-	11,857
929: AFUDC Equity	31,907	-	-	-	-	-	-	31,907
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(6,761,882)	(25,927)	(24,674)	(23,253)	(22,936)	(20,879)	(19,253)	(6,898,803)
825: Closing Cost of Removal	(97,365)	(4,684)	(4,261)	(3,870)	(3,673)	(3,272)	(2,957)	(120,082)
Project Net	111,578	(7,625)	(5,947)	(6,422)	(1,822)	(8,712)	(6,885)	74,165

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,581,482	3,547	2,641	3,626	3,547	3,784	3,407	3,547	3,547	3,194	3,825	2,382	2,365	1,620,893
120: Overtime-General	54,629	-	-	-	-	-	-	-	-	-	-	-	-	54,629
350: Material Issues-Major	4,687,229	23,488	17,486	24,009	23,488	25,056	22,562	23,488	23,488	21,153	25,327	15,776	15,659	4,948,211
370: Outside Services	4,116,506	35,350	26,316	36,134	35,350	37,709	33,957	35,350	35,350	31,835	38,118	23,744	23,567	4,509,288
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	93,496	-	-	-	-	-	-	-	-	-	-	-	-	93,496
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	417,611	6	4	6	6	6	5	6	6	5	6	4	4	417,675
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(7,985,418)	(57,075)	(42,489)	(58,341)	(57,075)	(60,883)	(54,825)	(57,075)	(57,075)	(51,399)	(61,543)	(38,336)	(38,050)	(8,619,586)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	119,986	267	199	273	267	285	257	267	267	241	288	179	178	122,954
914: Pension and Benefits	458,464	817	608	835	817	871	785	817	817	736	881	549	545	467,540
915: Injuries and Damages	123,815	353	263	361	353	376	339	353	353	318	381	237	235	127,736
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	499,967	6,658	4,957	6,806	6,658	7,102	6,396	6,658	6,658	5,996	7,179	4,472	4,439	573,945
922: Minor Material Load	353,089	-	-	-	-	-	-	-	-	-	-	-	-	353,089
925: E&S Loads	1,850,854	7,340	5,464	7,503	7,340	7,830	7,051	7,340	7,340	6,610	7,915	4,930	4,894	1,932,412
926: A&G Loads	677,576	2,240	1,667	2,290	2,240	2,389	2,152	2,240	2,240	2,017	2,415	1,504	1,493	702,463
928: AFUDC Debt	11,857	-	-	-	-	-	-	-	-	-	-	-	-	11,857
929: AFUDC Equity	31,907	-	-	-	-	-	-	-	-	-	-	-	-	31,907
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,898,803)	(19,468)	(18,499)	(18,979)	(19,255)	(19,767)	(19,694)	(19,812)	(19,905)	(19,534)	(20,036)	(18,618)	(17,489)	(7,129,859)
825: Closing Cost of Removal	(120,082)	(2,913)	(2,724)	(2,745)	(2,748)	(2,791)	(2,760)	(2,760)	(2,760)	(2,699)	(2,760)	(2,560)	(2,402)	(152,706)
Project Net	74,165	610	(4,107)	1,777	988	1,967	(369)	419	327	(1,528)	1,995	(5,736)	(4,563)	65,944

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,620,893	3,636	2,707	3,716	3,636	3,878	3,492	3,636	3,636	3,274	3,920	2,442	2,424	1,661,290
120: Overtime-General	54,629	-	-	-	-	-	-	-	-	-	-	-	-	54,629
350: Material Issues-Major	4,948,211	23,841	17,748	24,369	23,841	25,431	22,901	23,841	23,841	21,470	25,707	16,013	15,894	5,213,107
370: Outside Services	4,509,288	35,881	26,711	36,676	35,881	38,275	34,466	35,881	35,881	32,312	38,689	24,100	23,920	4,907,961
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	93,496	-	-	-	-	-	-	-	-	-	-	-	-	93,496
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	417,675	6	4	6	6	6	6	6	6	5	6	4	4	417,739
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(8,619,586)	(57,931)	(43,127)	(59,216)	(57,931)	(61,797)	(55,648)	(57,931)	(57,931)	(52,170)	(62,466)	(38,911)	(38,621)	(9,263,267)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	122,954	274	204	280	274	292	263	274	274	247	295	184	183	125,996
914: Pension and Benefits	467,540	837	623	856	837	893	804	837	837	754	903	562	558	476,844
915: Injuries and Damages	127,736	362	269	370	362	386	347	362	362	326	390	243	241	131,756
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	573,945	6,758	5,031	6,908	6,758	7,209	6,491	6,758	6,758	6,086	7,287	4,539	4,505	649,032
922: Minor Material Load	353,089	-	-	-	-	-	-	-	-	-	-	-	-	353,089
925: E&S Loads	1,932,412	7,456	5,551	7,621	7,456	7,954	7,162	7,456	7,456	6,715	8,040	5,008	4,971	2,015,257
926: A&G Loads	702,463	2,756	2,052	2,817	2,756	2,940	2,648	2,756	2,756	2,482	2,972	1,851	1,838	733,089
928: AFUDC Debt	11,857	-	-	-	-	-	-	-	-	-	-	-	-	11,857
929: AFUDC Equity	31,907	-	-	-	-	-	-	-	-	-	-	-	-	31,907
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,129,859)	(18,264)	(17,687)	(18,520)	(19,068)	(19,803)	(19,887)	(20,134)	(20,326)	(20,017)	(20,597)	(19,170)	(18,034)	(7,361,366)
825: Closing Cost of Removal	(152,706)	(2,504)	(2,422)	(2,533)	(2,606)	(2,705)	(2,716)	(2,748)	(2,774)	(2,731)	(2,810)	(2,615)	(2,460)	(184,332)
Project Net	65,944	3,107	(2,335)	3,350	2,200	2,959	331	992	774	(1,248)	2,336	(5,750)	(4,578)	68,083

Project No: 89900507 Lighting
Company: 001 Electric Services
Location: 899 Bernalillo Division

Project Information County % Sandoval 100%

Estimated Start Date 9/11/2006
Estimated Completion Date 12/31/2027

Description
 This project includes costs for the installation, relocation, removal or replacement of PNM owned streetlighting and floodlighting and the removal or replacement of private area lighting. This work includes poles, light fixtures, wiring, and ancillary lighting equipment. The poles may either be wood or aluminum ranging in size from 30 to 45 feet. Fixtures include high pressure sodium lights ranging from 70 to 400 watts per fixture and LED lights ranging from 25 to 300 watts. For PNM owned streetlights, this will include the installation of 150 feet of service wire and the luminaire. All streetlighting and floodlighting systems installed will adhere to PNM equipment standards provided in Rate Schedule 20, allowing for efficient and effective maintenance in the future.

Project Need Justification
 This project provides the funds necessary to meet PNM’s contractual obligations with municipal corporations and subdivisions within the state of New Mexico and service requirements allowed under the rate schedules . This project will allow PNM to install street lighting and floodlighting systems in accordance with PNM Rate Schedule 20 - Integrated System Streetlighting and Floodlighting Service and Rate Schedule 6 – Private Area Lighting Service and new installations.

Project Alternatives
 Because of these contractual obligations and requirements under the rate schedules, there are no other alternatives for this project. Under Rate Schedule 20, customers have the option to own streetlights and pay PNM or a contractor for their installation, or to request that PNM install and own the lights. Customers may request installation of LED lights, high pressure sodium lights, or LED operational substitutes for converting existing mercury vapor, high pressure sodium, or low pressure sodium lights. Under Rate Schedule 6 and the terms of the Agreement for Lighting Service thereunder, private lights are removed at the customer’s request and at PNM’s costs. PNM must honor installation requests under PNM Rate 20.

Project Estimate Approach
 Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
 The customer benefit from this project is electric service for their streetlighting and floodlighting needs.

Primary Value Driver Compliance
Safety This project includes the installation of new and replacement of damaged streetlighting facilities thus supporting and restoring the public safety benefits of streetlighting and floodlighting.

Reliability

System Performance

Security

Compliance This project is implemented in accordance with PNM Rate Schedule 20 - Integrated System StreetLighting and Floodlighting Service, and PNM Rate Schedule 6 - Private Area Lighting Service and new installations.

Environmental

Project No:	89900507 Lighting							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	35,338	500	500	450	400	350	350	37,888
120: Overtime-General	6,009	200	200	100	150	100	100	6,859
350: Material Issues-Major	40,457	300	300	350	250	250	250	42,157
370: Outside Services	72,896	-	-	-	-	-	-	72,896
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,464	-	-	-	-	-	-	2,464
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	7,662	-	-	-	-	-	-	7,662
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(69,285)	-	-	-	-	-	-	(69,285)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,025	53	53	42	42	34	34	3,282
914: Pension and Benefits	11,157	151	151	118	118	97	97	11,889
915: Injuries and Damages	2,862	60	60	47	47	39	39	3,153
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	4,855	80	80	94	67	67	67	5,311
922: Minor Material Load	2,409	-	-	-	-	-	-	2,409
925: E&S Loads	31,356	158	158	138	126	109	109	32,154
926: A&G Loads	11,613	40	40	36	32	28	28	11,815
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(132,490)	(366)	(634)	(789)	(869)	(889)	(904)	(136,941)
825: Closing Cost of Removal	(26,520)	(1,078)	(837)	(656)	(519)	(413)	(336)	(30,359)
Project Net	3,809	97	71	(70)	(156)	(230)	(168)	3,354

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	37,888	410	613	410	621	254	471	530	275	318	410	514	299	43,014
120: Overtime-General	6,859	139	208	139	211	87	160	180	93	108	139	175	102	8,602
350: Material Issues-Major	42,157	268	401	268	406	166	308	347	180	208	268	336	195	45,507
370: Outside Services	72,896	-	-	-	-	-	-	-	-	-	-	-	-	72,896
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,464	-	-	-	-	-	-	-	-	-	-	-	-	2,464
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	7,662	-	-	-	-	-	-	-	-	-	-	-	-	7,662
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(69,285)	-	-	-	-	-	-	-	-	-	-	-	-	(69,285)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,282	41	62	41	63	26	48	54	28	32	41	52	30	3,799
914: Pension and Benefits	11,889	127	189	127	192	79	145	164	85	98	127	159	92	13,471
915: Injuries and Damages	3,153	55	82	55	83	34	63	71	37	42	55	69	40	3,837
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	5,311	76	114	76	115	47	87	98	51	59	76	95	55	6,260
922: Minor Material Load	2,409	-	-	-	-	-	-	-	-	-	-	-	-	2,409
925: E&S Loads	32,154	120	179	120	181	74	137	155	80	93	120	150	87	33,649
926: A&G Loads	11,815	29	44	29	44	18	34	38	20	23	29	37	21	12,182
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(136,941)	(960)	(1,150)	(1,140)	(1,288)	(1,127)	(1,168)	(1,241)	(1,107)	(1,041)	(1,061)	(1,151)	(1,059)	(150,436)
825: Closing Cost of Removal	(30,359)	(287)	(270)	(238)	(236)	(198)	(192)	(193)	(168)	(155)	(154)	(164)	(149)	(32,763)
Project Net	3,354	18	470	(114)	392	(539)	95	202	(428)	(216)	50	271	(287)	3,268

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	43,014	420	628	420	637	261	483	544	282	326	420	527	306	48,267
120: Overtime-General	8,602	143	214	143	216	89	164	185	96	111	143	179	104	10,388
350: Material Issues-Major	45,507	272	407	272	412	169	313	352	182	211	272	341	198	48,907
370: Outside Services	72,896	-	-	-	-	-	-	-	-	-	-	-	-	72,896
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	2,464	-	-	-	-	-	-	-	-	-	-	-	-	2,464
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	7,662	-	-	-	-	-	-	-	-	-	-	-	-	7,662
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(69,285)	-	-	-	-	-	-	-	-	-	-	-	-	(69,285)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	3,799	42	63	42	64	26	49	55	28	33	42	53	31	4,329
914: Pension and Benefits	13,471	130	194	130	196	80	149	168	87	101	130	163	95	15,092
915: Injuries and Damages	3,837	56	84	56	85	35	64	73	38	43	56	70	41	4,537
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,260	77	115	77	117	48	89	100	52	60	77	97	56	7,224
922: Minor Material Load	2,409	-	-	-	-	-	-	-	-	-	-	-	-	2,409
925: E&S Loads	33,649	122	183	122	185	76	141	158	82	95	122	153	89	35,178
926: A&G Loads	12,182	36	54	36	55	23	42	47	24	28	36	46	26	12,636
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(150,436)	(1,082)	(1,251)	(1,222)	(1,360)	(1,184)	(1,219)	(1,289)	(1,148)	(1,077)	(1,095)	(1,186)	(1,091)	(164,641)
825: Closing Cost of Removal	(32,763)	(151)	(173)	(169)	(187)	(162)	(167)	(176)	(157)	(147)	(150)	(162)	(149)	(34,713)
Project Net	3,268	66	518	(92)	421	(540)	107	215	(435)	(218)	54	281	(293)	3,352

Project No: 89900607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 899 Bernalillo Division

Project Information

County % Sandoval 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including, but not limited to, insulators, cross arms, cut outs, anchor assemblies), overhead and underground switches, protection equipment, underground cable and conduits, and other equipment.

Project Need Justification
This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives
This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach
Because a significant portion of the activities for this project include replacement of storm damaged facilities, the work required is largely unknown at the time of forecast. Historical spend in this funding project is analyzed to develop this project's estimated spend. The initial budget for this project is developed by applying labor and non-labor escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through outage restoration and increased reliability by maintaining the distribution system integrity through the replacement of damaged equipment and equipment taken out of service by storms, other events or deteriorated equipment through normal aging.

Primary Value Driver Compliance

Safety

Reliability Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	89900607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	1,343,764	4,657	3,774	3,567	4,085	4,121	2,059	1,366,026
120: Overtime-General	401,436	4,292	3,478	3,287	3,765	3,798	1,898	421,953
350: Material Issues-Major	3,978,132	25,094	20,334	19,220	22,010	22,204	11,095	4,098,089
370: Outside Services	4,921,130	43,772	52,732	33,525	38,392	38,731	19,353	5,147,635
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	31,835	172	139	132	151	152	76	32,657
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	615,750	136	110	104	119	120	60	616,401
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(3,959,779)	(12,553)	(10,172)	(9,615)	(11,010)	(11,107)	(5,550)	(4,019,786)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	129,533	677	549	519	594	599	300	132,771
914: Pension and Benefits	470,757	1,926	1,561	1,475	1,689	1,704	852	479,964
915: Injuries and Damages	129,786	766	621	587	672	678	339	133,448
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	454,428	6,729	5,453	5,154	5,902	5,954	2,975	486,594
922: Minor Material Load	455,231	-	-	-	-	-	-	455,231
925: E&S Loads	1,825,804	10,187	10,412	7,802	8,935	9,013	4,504	1,876,657
926: A&G Loads	715,224	3,094	3,190	2,369	2,713	2,737	1,368	730,697
928: AFUDC Debt	900	-	-	-	-	-	-	900
929: AFUDC Equity	271	-	-	-	-	-	-	271
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(9,730,976)	(81,500)	(81,454)	(78,874)	(77,647)	(76,641)	(423,616)	(10,550,707)
825: Closing Cost of Removal	(854,821)	(42,350)	(38,595)	(34,945)	(31,875)	(29,183)	(155,298)	(1,187,067)
Project Net	928,407	(34,900)	(27,869)	(45,692)	(31,505)	(27,119)	(539,586)	221,736

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	1,366,026	10,265	4,014	4,118	4,790	2,936	4,733	4,774	3,868	3,656	4,187	4,224	2,111	1,419,702
120: Overtime-General	421,953	9,460	3,699	3,795	4,414	2,706	4,362	4,399	3,565	3,370	3,859	3,893	1,945	471,421
350: Material Issues-Major	4,098,089	54,770	21,416	21,971	25,558	15,668	25,255	25,471	20,639	19,508	22,340	22,537	11,261	4,384,484
370: Outside Services	5,147,635	95,535	37,357	38,325	44,581	27,330	44,053	44,429	36,000	34,028	38,968	39,312	19,644	5,647,196
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	32,657	375	147	151	175	107	173	175	141	134	153	154	77	34,619
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	616,401	297	116	119	139	85	137	138	112	106	121	122	61	617,955
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(4,019,786)	(27,398)	(10,713)	(10,991)	(12,785)	(7,838)	(12,634)	(12,741)	(10,324)	(9,759)	(11,175)	(11,274)	(5,633)	(4,163,052)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	132,771	1,485	581	596	693	425	685	691	560	529	606	611	305	140,538
914: Pension and Benefits	479,964	4,543	1,776	1,822	2,120	1,300	2,095	2,113	1,712	1,618	1,853	1,869	934	503,717
915: Injuries and Damages	133,448	1,963	767	787	916	561	905	913	740	699	801	808	404	143,711
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	486,594	15,525	6,071	6,228	7,245	4,441	7,159	7,220	5,850	5,530	6,333	6,388	3,192	567,776
922: Minor Material Load	455,231	-	-	-	-	-	-	-	-	-	-	-	-	455,231
925: E&S Loads	1,876,657	20,550	8,035	8,244	9,589	5,879	9,476	9,557	7,744	7,319	8,382	8,456	4,225	1,984,113
926: A&G Loads	730,697	6,128	2,396	2,458	2,860	1,753	2,826	2,850	2,309	2,183	2,500	2,522	1,260	762,742
928: AFUDC Debt	900	-	-	-	-	-	-	-	-	-	-	-	-	900
929: AFUDC Equity	271	-	-	-	-	-	-	-	-	-	-	-	-	271
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(10,550,707)	(41,197)	(44,243)	(47,131)	(51,010)	(50,734)	(54,068)	(57,083)	(57,933)	(58,259)	(59,602)	(60,858)	(341,726)	(11,474,551)
825: Closing Cost of Removal	(1,187,067)	(10,398)	(10,240)	(10,129)	(10,214)	(9,785)	(9,896)	(10,004)	(9,854)	(9,664)	(9,640)	(9,630)	(53,531)	(1,350,051)
Project Net	221,736	141,903	21,180	20,363	29,070	(5,165)	25,261	22,899	5,129	999	9,683	9,134	(355,471)	146,721

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	1,419,702	10,521	4,114	4,221	4,910	3,010	4,852	4,893	3,965	3,748	4,292	4,329	2,163	1,474,719
120: Overtime-General	471,421	9,697	3,792	3,890	4,525	2,774	4,471	4,509	3,654	3,454	3,955	3,990	1,994	522,126
350: Material Issues-Major	4,384,484	55,591	21,738	22,301	25,941	15,903	25,634	25,853	20,948	19,801	22,675	22,875	11,430	4,675,174
370: Outside Services	5,647,196	96,968	37,917	38,899	45,249	27,740	44,714	45,095	36,540	34,539	39,553	39,902	19,938	6,154,250
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	34,619	381	149	153	178	109	176	177	144	136	155	157	78	36,611
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	617,955	302	118	121	141	86	139	140	114	107	123	124	62	619,533
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(4,163,052)	(27,809)	(10,874)	(11,156)	(12,977)	(7,955)	(12,823)	(12,933)	(10,479)	(9,905)	(11,343)	(11,443)	(5,718)	(4,308,467)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	140,538	1,522	595	611	710	436	702	708	574	542	621	626	313	148,499
914: Pension and Benefits	503,717	4,656	1,821	1,868	2,173	1,332	2,147	2,165	1,755	1,658	1,899	1,916	957	528,065
915: Injuries and Damages	143,711	2,012	787	807	939	575	928	936	758	717	821	828	414	154,230
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	567,776	15,758	6,162	6,321	7,353	4,508	7,266	7,328	5,938	5,613	6,428	6,484	3,240	650,175
922: Minor Material Load	455,231	-	-	-	-	-	-	-	-	-	-	-	-	455,231
925: E&S Loads	1,984,113	20,890	8,168	8,380	9,748	5,976	9,633	9,715	7,872	7,441	8,521	8,596	4,295	2,093,347
926: A&G Loads	762,742	7,546	2,951	3,027	3,521	2,159	3,479	3,509	2,843	2,688	3,078	3,105	1,551	802,198
928: AFUDC Debt	900	-	-	-	-	-	-	-	-	-	-	-	-	900
929: AFUDC Equity	271	-	-	-	-	-	-	-	-	-	-	-	-	271
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(11,474,551)	(37,662)	(41,320)	(44,751)	(49,139)	(49,225)	(52,961)	(56,331)	(57,452)	(58,006)	(59,575)	(61,032)	(343,213)	(12,385,216)
825: Closing Cost of Removal	(1,350,051)	(5,475)	(5,934)	(6,365)	(6,932)	(6,916)	(7,401)	(7,839)	(7,973)	(8,032)	(8,231)	(8,417)	(47,294)	(1,476,863)
Project Net	146,721	154,898	30,184	28,327	36,339	511	30,955	27,926	9,200	4,499	12,970	12,041	(349,788)	144,781

Project No: 89900707 Distr. System Improvements

Company: 001 Electric Services
Location: 899 Bernalillo Division

Project Information

County % Sandoval 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project provides for numerous small distribution facility improvements including the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, voltage and power factor supporting devices, and protection equipment. System improvements can include new capacitor banks, voltage regulators, protective devices, upgraded wires and supervisory control and data acquisitions (SCADA) devices.

Project Need Justification
Annual load analyses and modeling of the distribution system may identify operational issues caused by normal load growth requiring system improvements to maintain voltage requirements and/or reliability. Additionally, a need for system improvements can be identified while designing other projects, such as through line patrols, or from outage investigations. These improvements are necessary to meet the standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

Project Alternatives
Alternatives are evaluated on a case-by case basis. This usually involves analysis by PNM's Distribution Planning or Distribution Protection departments using simulation models of the distribution system. With these models, engineers will evaluate different equipment or distribution system configuration alternatives to arrive at the best solutions for maintaining adequate voltage to all customers, enhanced reliability, and ensuring the most cost effective and practical solution.

Project Estimate Approach
Most of the system improvement projects for this blanket are not identified prior to budget. Therefore, historical spend is used as a guide to estimate future funding for the project. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend.

Customer Benefit
Customers benefit through maintained service integrity and enhanced reliability that can be negatively impacted by normal load growth.

Primary Value Driver Reliability

Safety

Reliability
This project helps to increase system reliability by ensuring load growth capacities are met thereby reducing outages due to overloads. This project also improves system reliability by adding equipment and components, which will enable greater options for quicker outage restoration helping to reduce outage durations.

System Performance

Security

Compliance
NMAC Rule 17.9.560.15 (related to the standards of quality of service) requires the implementation of the improvements.

Environmental

Project No:	89900707 Distr. System Improvements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	500,336	1,730	1,746	1,534	1,939	1,826	1,291	510,404
120: Overtime-General	86,288	14	15	13	16	15	11	86,372
350: Material Issues-Major	2,109,059	11,681	11,794	10,363	13,095	12,334	8,720	2,177,046
370: Outside Services	2,369,515	41,179	41,578	36,532	46,165	43,483	30,742	2,609,194
374: Outside Services Legal	13,582	-	-	-	-	-	-	13,582
377: Outside Svcs-Temp Labor	9,242	-	-	-	-	-	-	9,242
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	156,316	-	-	-	-	-	-	156,316
805: Land and Land Rights	6,000	-	-	-	-	-	-	6,000
807: Non Refundable Contrib	(247,626)	(696)	(703)	(618)	(781)	(735)	(520)	(251,680)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	42,764	132	133	117	148	139	99	43,532
914: Pension and Benefits	160,372	375	379	333	421	396	280	162,556
915: Injuries and Damages	43,002	149	151	132	167	158	111	43,871
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	194,403	3,132	3,163	2,779	3,511	3,307	2,338	212,633
922: Minor Material Load	143,392	-	-	-	-	-	-	143,392
925: E&S Loads	799,716	6,908	6,975	6,128	7,744	7,294	5,157	839,921
926: A&G Loads	337,537	2,162	2,183	1,918	2,424	2,283	1,614	350,122
928: AFUDC Debt	71,184	519	537	549	564	583	585	74,521
929: AFUDC Equity	92,772	1,245	1,289	1,317	1,353	1,400	1,405	100,781
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(6,283,990)	(47,965)	(49,547)	(50,080)	(52,205)	(53,623)	(52,691)	(6,590,103)
825: Closing Cost of Removal	(175,393)	(11,675)	(11,245)	(10,748)	(10,536)	(10,287)	(9,770)	(239,654)
Project Net	428,470	8,890	8,447	268	14,026	8,574	(10,627)	458,050

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	510,404	4,950	1,214	1,263	1,715	1,913	1,672	1,773	1,790	1,573	1,988	1,872	1,324	533,448
120: Overtime-General	86,372	41	10	11	14	16	14	15	15	13	17	16	11	86,564
350: Material Issues-Major	2,177,046	33,100	8,117	8,445	11,467	12,791	11,181	11,856	11,971	10,518	13,292	12,519	8,851	2,331,155
370: Outside Services	2,609,194	116,690	28,616	29,773	40,427	45,094	39,415	41,797	42,202	37,080	46,858	44,135	31,204	3,152,485
374: Outside Services Legal	13,582	-	-	-	-	-	-	-	-	-	-	-	-	13,582
377: Outside Svcs-Temp Labor	9,242	-	-	-	-	-	-	-	-	-	-	-	-	9,242
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	156,316	-	-	-	-	-	-	-	-	-	-	-	-	156,316
805: Land and Land Rights	6,000	-	-	-	-	-	-	-	-	-	-	-	-	6,000
807: Non Refundable Contrib	(251,680)	(1,973)	(484)	(504)	(684)	(763)	(667)	(707)	(714)	(627)	(792)	(746)	(528)	(260,868)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	43,532	376	92	96	130	145	127	135	136	119	151	142	100	45,282
914: Pension and Benefits	162,556	1,149	282	293	398	444	388	412	416	365	462	435	307	167,908
915: Injuries and Damages	43,871	497	122	127	172	192	168	178	180	158	199	188	133	46,183
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	212,633	9,383	2,301	2,394	3,251	3,626	3,169	3,361	3,393	2,981	3,768	3,549	2,509	256,317
922: Minor Material Load	143,392	-	-	-	-	-	-	-	-	-	-	-	-	143,392
925: E&S Loads	839,921	18,032	4,422	4,601	6,247	6,969	6,091	6,459	6,522	5,730	7,241	6,820	4,822	923,877
926: A&G Loads	350,122	5,557	1,363	1,418	1,925	2,147	1,877	1,990	2,010	1,766	2,231	2,102	1,486	375,993
928: AFUDC Debt	74,521	996	1,078	1,036	1,017	1,020	1,021	1,018	1,019	1,013	1,016	1,027	1,013	86,797
929: AFUDC Equity	100,781	1,271	1,376	1,322	1,297	1,302	1,303	1,299	1,300	1,292	1,295	1,309	1,292	116,440
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(6,590,103)	(66,472)	(63,653)	(61,358)	(61,143)	(61,748)	(61,316)	(61,340)	(61,430)	(60,637)	(61,601)	(61,990)	(60,131)	(7,332,922)
825: Closing Cost of Removal	(239,654)	(11,302)	(10,609)	(10,026)	(9,760)	(9,634)	(9,391)	(9,233)	(9,103)	(8,870)	(8,892)	(8,847)	(8,509)	(353,830)
Project Net	458,050	112,292	(25,754)	(21,109)	(3,526)	3,515	(4,948)	(988)	(293)	(7,524)	7,231	2,529	(16,115)	503,360

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	533,448	5,073	1,244	1,294	1,758	1,961	1,714	1,817	1,835	1,612	2,037	1,919	1,357	557,068
120: Overtime-General	86,564	42	10	11	15	16	14	15	15	13	17	16	11	86,761
350: Material Issues-Major	2,331,155	33,596	8,239	8,572	11,639	12,983	11,348	12,034	12,150	10,676	13,491	12,707	8,984	2,487,575
370: Outside Services	3,152,485	118,440	29,045	30,220	41,033	45,771	40,007	42,424	42,835	37,636	47,560	44,797	31,672	3,703,924
374: Outside Services Legal	13,582	-	-	-	-	-	-	-	-	-	-	-	-	13,582
377: Outside Svcs-Temp Labor	9,242	-	-	-	-	-	-	-	-	-	-	-	-	9,242
391: It Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	156,316	-	-	-	-	-	-	-	-	-	-	-	-	156,316
805: Land and Land Rights	6,000	-	-	-	-	-	-	-	-	-	-	-	-	6,000
807: Non Refundable Contrib	(260,868)	(2,003)	(491)	(511)	(694)	(774)	(677)	(717)	(724)	(637)	(804)	(758)	(536)	(270,194)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	45,282	385	94	98	133	149	130	138	139	122	155	146	103	47,075
914: Pension and Benefits	167,908	1,178	289	301	408	455	398	422	426	374	473	446	315	173,393
915: Injuries and Damages	46,183	509	125	130	176	197	172	182	184	162	204	193	136	48,553
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	256,317	9,523	2,335	2,430	3,299	3,680	3,217	3,411	3,444	3,026	3,824	3,602	2,547	300,656
922: Minor Material Load	143,392	-	-	-	-	-	-	-	-	-	-	-	-	143,392
925: E&S Loads	923,877	18,311	4,490	4,672	6,344	7,076	6,185	6,559	6,622	5,819	7,353	6,926	4,896	1,009,129
926: A&G Loads	375,993	6,836	1,676	1,744	2,368	2,642	2,309	2,449	2,472	2,172	2,745	2,586	1,828	407,821
928: AFUDC Debt	86,797	944	1,005	961	936	933	928	920	916	907	905	911	897	97,959
929: AFUDC Equity	116,440	1,636	1,743	1,665	1,623	1,617	1,608	1,594	1,588	1,572	1,569	1,580	1,555	135,790
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(7,332,922)	(73,489)	(69,969)	(67,058)	(66,339)	(66,515)	(65,682)	(65,360)	(65,146)	(64,065)	(64,811)	(64,997)	(62,910)	(8,129,263)
825: Closing Cost of Removal	(353,830)	(10,251)	(9,699)	(9,240)	(9,088)	(9,066)	(8,911)	(8,831)	(8,771)	(8,597)	(8,675)	(8,679)	(8,376)	(462,012)
Project Net	503,360	110,732	(29,862)	(24,711)	(6,388)	1,125	(7,240)	(2,944)	(2,014)	(9,207)	6,044	1,394	(17,521)	522,768

Project No: 89901207 Pole Replacements

Company: 001 Electric Services
Location: 899 Bernalillo Division

Project Information

County % Sandoval 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description This project covers the costs for repair or replacement of decaying or rotting wood power poles. Pole replacement candidates are identified through routine line patrol inspections as well as during construction or expansion of the distribution system. Other equipment on each pole (e.g., cross-arms and insulators) typically are replaced at the time the pole is replaced.

Project Need Justification The New Mexico Public Regulation Commission (NMPRC) mandates that PNM keep its electric infrastructure in good repair and safe for customers and personnel. Compromised integrity of wooden pole structures can affect service reliability as well as public safety and the safety of PNM personnel. PNM regularly performs ground line tests on its distribution wood pole infrastructure to ensure the integrity of PNM's distribution system. Wood poles that fail inspection or tests are repaired or replaced. This project covers the labor and material costs associated with the inspection, testing, repair and potential replacement of poles that fail inspection.

Project Alternatives The alternatives to pole replacement include structurally reinforcing the pole, fumigating the pole and area, or applying an internal void treatment. Routine inspections and testing gauges the relative condition of each pole and identifies the appropriate alternative for either repairing or replacing defective poles.

Project Estimate Approach The budget for this blanket is estimated by applying escalation factors to historical spend. The initial budget for this project was developed by applying labor and non-labor cost escalation factors to the most recent 12-month actual spend. Poles that support four or more wires are more costly to work than are poles supporting fewer wires. Similarly, angle or corner poles are more expensive to replace than are in-line tangent poles. Location and access to the poles, such as backyard vs. roadside, also affects costs.

Customer Benefit This project helps maintain the integrity of PNM's overhead distribution system contributing to overall system reliability while also ensuring public safety and PNM personnel safety.

Primary Value Driver Safety

Safety This project helps maintain the integrity of PNM's overhead distribution system ensuring public safety and PNM personnel safety.

Reliability This project helps maintain the integrity of PNM's overhead distribution system which reducing possible outages contributing to overall system reliability.

System Performance

Security

Compliance NMPRC Rule 17.9.560, Service Standards for Electric Utilities requires utilities to maintain plant such that continuity of service and safety of persons and property are assured as reasonably possible.

Environmental

Project No:	89901207 Pole Replacements							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	53,503	15	19	15	22	30	21	53,626
120: Overtime-General	3,050	-	-	-	-	-	-	3,050
350: Material Issues-Major	37,146	6	7	6	9	12	8	37,194
370: Outside Services	119,196	256	314	254	367	506	351	121,244
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	876	2,314	2,841	2,296	3,323	4,571	3,174	19,395
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	21,244	11	14	11	16	23	16	21,335
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,143	1	1	1	2	2	2	4,152
914: Pension and Benefits	14,864	3	4	3	5	7	5	14,890
915: Injuries and Damages	4,506	1	2	1	2	3	2	4,517
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	3,991	2	2	2	2	3	2	4,004
922: Minor Material Load	2,184	-	-	-	-	-	-	2,184
925: E&S Loads	33,677	326	400	323	468	644	447	36,287
926: A&G Loads	13,944	103	127	102	148	204	141	14,769
928: AFUDC Debt	1,592	2	6	10	14	19	24	1,666
929: AFUDC Equity	1,903	5	14	23	33	46	58	2,081
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(267,932)	(161)	(349)	(490)	(693)	(973)	(1,139)	(271,738)
825: Closing Cost of Removal	(47,888)	(22)	(47)	(66)	(94)	(131)	(153)	(48,402)
Project Net	-	2,862	3,355	2,492	3,623	4,965	2,958	20,255

Project No:	89901207 Pole Replacements													
	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	53,626	19	19	19	12	8	9	16	19	16	23	31	22	53,838
120: Overtime-General	3,050	-	-	-	-	-	-	-	-	-	-	-	-	3,050
350: Material Issues-Major	37,194	7	7	7	5	3	3	6	7	6	9	12	8	37,275
370: Outside Services	121,244	314	314	314	200	128	143	260	319	258	373	514	356	124,737
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	19,395	2,843	2,843	2,843	1,805	1,162	1,294	2,348	2,884	2,330	3,373	4,651	3,222	50,992
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	21,335	14	14	14	9	6	6	12	14	11	17	23	16	21,491
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,152	1	1	1	1	1	1	1	1	1	2	2	2	4,168
914: Pension and Benefits	14,890	4	4	4	3	2	2	4	4	4	5	7	5	14,939
915: Injuries and Damages	4,517	2	2	2	1	1	1	2	2	2	2	3	2	4,538
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,004	2	2	2	1	1	1	2	2	2	2	3	2	4,027
922: Minor Material Load	2,184	-	-	-	-	-	-	-	-	-	-	-	-	2,184
925: E&S Loads	36,287	369	369	369	234	151	168	304	374	302	437	603	418	40,384
926: A&G Loads	14,769	115	115	115	73	47	52	95	116	94	136	188	130	16,045
928: AFUDC Debt	1,666	41	46	50	53	53	53	58	61	64	70	75	75	2,344
929: AFUDC Equity	2,081	53	58	64	67	68	68	70	74	77	82	89	96	2,946
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(271,738)	(1,272)	(1,396)	(1,514)	(1,554)	(1,548)	(1,551)	(1,626)	(1,734)	(1,798)	(1,930)	(2,143)	(2,245)	(292,051)
825: Closing Cost of Removal	(48,402)	(171)	(187)	(203)	(207)	(206)	(205)	(215)	(229)	(237)	(254)	(283)	(296)	(51,095)
Project Net	20,255	2,343	2,211	2,088	702	(124)	44	1,331	1,912	1,127	2,339	3,772	1,813	39,813

Project No:	89901207 Pole Replacements													
	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	53,838	20	20	20	12	8	9	16	20	16	23	32	22	54,055
120: Overtime-General	3,050	-	-	-	-	-	-	-	-	-	-	-	-	3,050
350: Material Issues-Major	37,275	7	7	7	5	3	3	6	8	6	9	12	8	37,358
370: Outside Services	124,737	319	319	319	203	130	145	264	324	261	378	522	362	128,283
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	50,992	2,885	2,885	2,885	1,832	1,179	1,313	2,384	2,927	2,365	3,423	4,721	3,270	83,063
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	21,491	14	14	14	9	6	6	12	14	12	17	23	16	21,649
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,168	1	1	1	1	1	1	1	1	1	2	2	2	4,184
914: Pension and Benefits	14,939	5	5	5	3	2	2	4	5	4	5	7	5	14,989
915: Injuries and Damages	4,538	2	2	2	1	1	1	2	2	2	2	3	2	4,560
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	4,027	2	2	2	1	1	1	2	2	2	3	3	2	4,050
922: Minor Material Load	2,184	-	-	-	-	-	-	-	-	-	-	-	-	2,184
925: E&S Loads	40,384	374	374	374	238	153	170	309	380	307	444	612	424	44,542
926: A&G Loads	16,045	141	141	141	90	58	64	117	143	116	168	231	160	17,614
928: AFUDC Debt	2,344	66	68	70	71	70	69	69	70	72	74	78	81	3,202
929: AFUDC Equity	2,946	115	118	122	123	122	119	119	122	124	127	135	141	4,434
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(292,051)	(2,321)	(2,392)	(2,459)	(2,449)	(2,395)	(2,354)	(2,388)	(2,458)	(2,486)	(2,585)	(2,768)	(2,841)	(321,947)
825: Closing Cost of Removal	(51,095)	(305)	(314)	(322)	(320)	(312)	(306)	(310)	(319)	(322)	(335)	(359)	(368)	(54,988)
Project Net	39,813	1,326	1,252	1,182	(181)	(974)	(755)	605	1,241	479	1,755	3,254	1,287	50,283

Project No: 89901715 Westside Blvd Feeder Tie

Company: 001 Electric Services
Location: 899 Bernalillo Division

Project Information

County % Sandoval 100%

Estimated Start Date 11/19/2014

Estimated Completion Date 12/31/2023

Description
This project involves extending an overhead distribution line east along Westside Blvd NW approximately 3180 ft. to Golf Course Rd SE. and installing two new Supervisory Control and Data Acquisition (SCADA) controlled switches at the intersection of Westside Blvd NW and Golf Course Rd. SE.

Project Need Justification
This project will facilitate load transfers between area feeders and provide additional feeder capacity to accommodate future load growth in the area. New commercial development, including physician offices and a two megawatt outdoor mall in the area north of Westside Presbyterian Hospital is the reason for this project. This new load growth will make providing backup support between the area feeders difficult to accomplish without this project. This project will provide switching options between Cottonwood Feeder 11, Veranda Feeder 14, and Veranda Feeder 24 creating backup support in the event of an outage of any of these feeders.

Project Alternatives
The only alternative is to do nothing. Doing nothing would mean that some customers would be out of service during an outage until the problem could be fixed rather than relying on the backup support offered by Cottonwood Feeder 11, Veranda Feeder 14 and Veranda Feeder 24.

Project Estimate Approach
The project was estimated using the average unit cost of installing distribution poles in the area using contractor labor as well as the costs from similar projects performed in the past.

Customer Benefit
Customers will benefit from this project with improved reliability resulting from fewer, and shorter, outages because the new feeder can help to bypass the failure of one of the interconnected feeders in the area.

Primary Value Driver Reliability

Safety

Reliability
The new feeder will provide switching options between Cottonwood Feeder 11, Veranda Feeder 14 and Veranda Feeder 24 creating backup support in the area in the event of an outage of any one of these feeders which will increase reliability.

System Performance

Security

Compliance

Environmental

Project No:	89901715 Westside Blvd Feeder Tie							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	-	-	-	-	-
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	-	-	-	-	-
926: A&G Loads	-	-	-	-	-	-	-	-
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-
825: Closing Cost of Removal	-	-	-	-	-	-	-	-
Project Net	-	-	-	-	-	-	-	-

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	-	-	-	200,000	36,500	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,036,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	-	-	-	23,000	4,198	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,500	119,198
926: A&G Loads	-	-	-	7,180	1,310	3,590	3,590	3,590	3,590	3,590	3,590	3,590	3,590	37,210
928: AFUDC Debt	-	-	-	215	471	620	839	1,058	1,278	1,500	1,722	1,946	2,171	11,820
929: AFUDC Equity	-	-	-	275	601	791	1,070	1,350	1,631	1,913	2,197	2,482	2,769	15,079
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	-	-	-	-	-	-	-	-	-	-	-	-	(1,076,658)	(1,076,658)
825: Closing Cost of Removal	-	-	-	-	-	-	-	-	-	-	-	-	(143,149)	(143,149)
Project Net	-	-	-	230,670	43,080	116,501	116,998	117,497	117,999	118,503	119,010	119,519	(1,099,777)	-

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120: Overtime-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350: Material Issues-Major	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370: Outside Services	1,036,500	-	-	-	-	-	-	-	-	-	-	-	-	1,036,500
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	-	-	-	-	-	-	-	-	-	-	-	-	-	-
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914: Pension and Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
915: Injuries and Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
922: Minor Material Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-
925: E&S Loads	119,198	-	-	-	-	-	-	-	-	-	-	-	-	119,198
926: A&G Loads	37,210	-	-	-	-	-	-	-	-	-	-	-	-	37,210
928: AFUDC Debt	11,820	-	-	-	-	-	-	-	-	-	-	-	-	11,820
929: AFUDC Equity	15,079	-	-	-	-	-	-	-	-	-	-	-	-	15,079
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(1,076,658)	-	-	-	-	-	-	-	-	-	-	-	-	(1,076,658)
825: Closing Cost of Removal	(143,149)	-	-	-	-	-	-	-	-	-	-	-	-	(143,149)
Project Net	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Project No: 90000207 Line Extensions - Commercial

Company: 001 Electric Services
Location: 900 Clayton Division

Project Information

County % Union 100%

Estimated Start Date 9/11/2006

Estimated Completion Date 12/31/2027

Description
This project consists of line extensions to provide new electric service to non-residential customers and to existing non-residential customers whose electric service needs are changing or being upgraded. Line extensions consist of the installation of all field equipment necessary to provide for new electric service. Physical components of the line extensions may include, but are not limited to, all primary wires, secondary wires, service wires, transformers, meters, equipment support structures, trenches, switchgears, and duct bank systems. Line extension costs include all labor, materials, vehicles, and rights-of-way necessary for its construction. Line extension costs also include the costs of changing or upgrading existing facilities to provide the new electric service. Net costs to the project include the above costs less customer payment per PNM Rule 15, Electric Line Extension Policy.

Project Need Justification
This project is necessary to meet PNM's obligation to serve new and existing customers and provides for the installation of electric line extensions for service to new non-residential customers or existing customers requiring upgrades.

Project Alternatives
Because this project is necessary for PNM to serve new and existing customers, there are no alternatives to conducting this work. Line extension options for each new service request are evaluated individually considering many factors such as available capacity on existing lines, alternative routes, customer preferences, and right-of-way constraints. The minimum line extension per PNM Rule 15 is designed based on a balance of cost, timing, and efficiency.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
The customer benefit from this project is electric service to their non-residential building or facility.

Primary Value Driver Compliance

Safety New line extensions are designed to current PNM design standards which incorporate safety standards such as the National Electrical Safety Code (NESC) for public and employee safety.

Reliability New line extensions are designed to current PNM design standards which are created for safety, cost, and reliability efficacy. Construction of new line extensions to PNM standards helps to improve PNM's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance.

System Performance

Security

Compliance This project is implemented in accordance with PNM Rule 15, Electric Line Extension Policy as filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Environmental

Project No: 90000207 Line Extensions - Commercial

	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	56,994	1,053	1,053	948	1,135	707	702	62,593
120: Overtime-General	12,450	309	309	278	333	208	206	14,093
350: Material Issues-Major	44,370	845	845	761	911	568	564	48,864
370: Outside Services	13,834	-	-	-	-	-	-	13,834
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	25,576	249	249	224	268	167	166	26,898
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(144,580)	(1,828)	(1,828)	(1,646)	(1,971)	(1,227)	(1,218)	(154,297)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,073	103	103	93	111	69	69	5,621
914: Pension and Benefits	17,290	293	293	264	316	197	195	18,848
915: Injuries and Damages	4,890	117	117	105	126	78	78	5,510
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	6,129	227	227	204	244	152	151	7,334
922: Minor Material Load	8,818	-	-	-	-	-	-	8,818
925: E&S Loads	25,376	371	371	334	400	249	247	27,350
926: A&G Loads	9,967	97	97	88	105	65	65	10,484
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(73,333)	(356)	(633)	(814)	(1,018)	(1,033)	(1,043)	(78,229)
825: Closing Cost of Removal	(6,243)	(1,503)	(1,221)	(996)	(829)	(679)	(562)	(12,033)
Project Net	6,611	(22)	(17)	(156)	133	(479)	(381)	5,690

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	62,593	1,079	803	1,103	1,079	1,151	1,037	1,079	1,079	972	1,164	725	720	74,585
120: Overtime-General	14,093	317	236	324	317	338	304	317	317	285	342	213	211	17,613
350: Material Issues-Major	48,864	858	639	877	858	915	824	858	858	773	925	576	572	58,397
370: Outside Services	13,834	-	-	-	-	-	-	-	-	-	-	-	-	13,834
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	26,898	252	188	258	252	269	242	252	252	227	272	170	168	29,703
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(154,297)	(1,855)	(1,381)	(1,896)	(1,855)	(1,979)	(1,782)	(1,855)	(1,855)	(1,670)	(2,000)	(1,246)	(1,237)	(174,907)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	5,621	105	78	107	105	112	101	105	105	95	113	71	70	6,789
914: Pension and Benefits	18,848	322	239	329	322	343	309	322	322	290	347	216	214	22,421
915: Injuries and Damages	5,510	139	103	142	139	148	133	139	139	125	150	93	93	7,053
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	7,334	243	181	249	243	259	234	243	243	219	262	163	162	10,036
922: Minor Material Load	8,818	-	-	-	-	-	-	-	-	-	-	-	-	8,818
925: E&S Loads	27,350	353	263	361	353	377	339	353	353	318	381	237	236	31,275
926: A&G Loads	10,484	90	67	92	90	96	86	90	90	81	97	60	60	11,484
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(78,229)	(1,182)	(1,196)	(1,310)	(1,390)	(1,477)	(1,506)	(1,544)	(1,573)	(1,558)	(1,613)	(1,506)	(1,420)	(95,504)
825: Closing Cost of Removal	(12,033)	(489)	(419)	(378)	(345)	(323)	(300)	(284)	(272)	(257)	(255)	(233)	(215)	(15,802)
Project Net	5,690	233	(198)	258	168	230	22	76	59	(102)	185	(460)	(366)	5,797

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	74,585	1,106	824	1,131	1,106	1,180	1,063	1,106	1,106	996	1,193	743	738	86,877
120: Overtime-General	17,613	325	242	332	325	346	312	325	325	292	350	218	216	21,221
350: Material Issues-Major	58,397	871	648	890	871	929	837	871	871	784	939	585	581	68,073
370: Outside Services	13,834	-	-	-	-	-	-	-	-	-	-	-	-	13,834
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: IT Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	29,703	256	191	262	256	273	246	256	256	231	276	172	171	32,550
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(174,907)	(1,883)	(1,402)	(1,924)	(1,883)	(2,008)	(1,809)	(1,883)	(1,883)	(1,696)	(2,030)	(1,265)	(1,255)	(195,826)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	6,789	108	80	110	108	115	104	108	108	97	116	72	72	7,987
914: Pension and Benefits	22,421	330	245	337	330	352	317	330	330	297	355	221	220	26,082
915: Injuries and Damages	7,053	142	106	146	142	152	137	142	142	128	154	96	95	8,635
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	10,036	247	184	252	247	263	237	247	247	222	266	166	165	12,779
922: Minor Material Load	8,818	-	-	-	-	-	-	-	-	-	-	-	-	8,818
925: E&S Loads	31,275	361	269	369	361	385	347	361	361	325	389	242	241	35,284
926: A&G Loads	11,484	111	83	114	111	119	107	111	111	100	120	75	74	12,721
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(95,504)	(1,490)	(1,447)	(1,519)	(1,567)	(1,630)	(1,638)	(1,660)	(1,677)	(1,652)	(1,701)	(1,583)	(1,490)	(114,558)
825: Closing Cost of Removal	(15,802)	(220)	(210)	(217)	(222)	(228)	(228)	(230)	(232)	(228)	(234)	(217)	(204)	(18,472)
Project Net	5,797	264	(187)	282	185	247	30	84	65	(102)	194	(475)	(378)	6,006

Project No: 9000607 Distr. Remove & Replace

Company: 001 Electric Services
Location: 900 Clayton Division

Project Information

County % Union 100%

Estimated Start Date 1/1/2007

Estimated Completion Date 12/31/2027

Description
This project includes relocations of electric distribution facilities in road rights-of-way and the removal and replacement of existing electric distribution facilities that have been damaged during storms or other events or deteriorated through normal aging. Work will include the design, installation, and removal of wire, poles, pole hardware (including, but not limited, insulators, cross arms, cutouts, anchor assemblies), overhead and underground switches, protection equipment, underground cable, and conduits, and other equipment.

Project Need Justification
This project is driven by the need to replace failed equipment within the service area and other requirements in relation to various government-led roadway improvement projects. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.
Distribution facilities installed within the franchiser's road rights-of-ways must be relocated by PNM under terms and conditions of the franchise agreement when such facilities conflict with a road re-alignment or road widening project. Regardless of facilities locations, when they become damaged or deteriorated under normal wear, these facilities must be replaced in order to maintain a safe and reliable distribution power delivery system.

Project Alternatives
This project's activities are a result of government requirements or to restore lost service, therefore, project alternatives are limited. In most cases, work will involve the replacement of like-for-like equipment. Other configurations are evaluated on a case-by-case basis, taking into account the best options available.

Project Estimate Approach
Not required for projects with less than \$250,000 of expenditures.

Customer Benefit
Customers benefit through outage restoration and increased reliability by maintaining the distribution system integrity through the replacement of damaged equipment and equipment taken out of service by storms or other events or deteriorated equipment through normal aging.

Primary Value Driver Compliance

Safety

Reliability Some of the project funds are used for outage restoration by replacement of damaged equipment and equipment taken out of service by storms or other events, thus improving the distribution system's integrity and reliability.

System Performance

Security

Compliance Some of the project funds are used to stay in compliance with franchise agreements when it is necessary to relocate facilities due to street widening projects or re-alignments.

Environmental

Project No:	9000607 Distr. Remove & Replace							
	BegBal-Jul-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	EndBal-22
110: Straight Time-General	39,704	207	168	159	182	184	92	40,695
120: Overtime-General	16,014	-	-	-	-	-	-	16,014
350: Material Issues-Major	43,188	901	730	690	790	797	398	47,494
370: Outside Services	30,214	185	150	141	162	163	82	31,097
374: Outside Services Legal	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-
610: Expenses - General	31,652	-	-	-	-	-	-	31,652
805: Land and Land Rights	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(39,887)	-	-	-	-	-	-	(39,887)
829: Construction Adjustment	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,092	16	13	12	14	14	7	4,167
914: Pension and Benefits	15,639	45	36	34	39	40	20	15,853
915: Injuries and Damages	4,483	18	14	14	16	16	8	4,568
918: San Juan AR-Labor	-	-	-	-	-	-	-	-
921: Stores Load	2,811	242	196	185	212	214	107	3,965
922: Minor Material Load	3,914	-	-	-	-	-	-	3,914
925: E&S Loads	26,036	171	139	131	150	152	76	26,855
926: A&G Loads	9,047	51	41	39	45	45	23	9,292
928: AFUDC Debt	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-
825: Closing Addition	(162,996)	(86)	(233)	(353)	(481)	(595)	(609)	(165,354)
825: Closing Cost of Removal	(20,527)	(540)	(497)	(457)	(426)	(398)	(362)	(23,206)
Project Net	3,385	1,209	757	595	703	631	(160)	7,120

	BegBal-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	EndBal-23
110: Straight Time-General	40,695	457	179	183	213	131	211	213	172	163	186	188	94	43,086
120: Overtime-General	16,014	-	-	-	-	-	-	-	-	-	-	-	-	16,014
350: Material Issues-Major	47,494	1,966	769	789	917	562	907	914	741	700	802	809	404	57,775
370: Outside Services	31,097	403	158	162	188	115	186	188	152	144	164	166	83	33,206
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	31,652	-	-	-	-	-	-	-	-	-	-	-	-	31,652
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(39,887)	-	-	-	-	-	-	-	-	-	-	-	-	(39,887)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,167	34	13	14	16	10	16	16	13	12	14	14	7	4,347
914: Pension and Benefits	15,853	105	41	42	49	30	49	49	40	38	43	43	22	16,403
915: Injuries and Damages	4,568	45	18	18	21	13	21	21	17	16	19	19	9	4,806
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	3,965	557	218	224	260	159	257	259	210	199	227	229	115	6,880
922: Minor Material Load	3,914	-	-	-	-	-	-	-	-	-	-	-	-	3,914
925: E&S Loads	26,855	346	135	139	162	99	160	161	131	123	141	143	71	28,666
926: A&G Loads	9,292	101	40	41	47	29	47	47	38	36	41	42	21	9,823
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(165,354)	(960)	(1,011)	(1,060)	(1,130)	(1,116)	(1,178)	(1,234)	(1,246)	(1,247)	(1,270)	(1,293)	(1,225)	(179,323)
825: Closing Cost of Removal	(23,206)	(376)	(354)	(334)	(321)	(299)	(290)	(282)	(270)	(258)	(251)	(245)	(227)	(26,714)
Project Net	7,120	2,680	206	217	423	(266)	384	352	(2)	(75)	117	116	(626)	10,647

	BegBal-24	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	EndBal-24
110: Straight Time-General	43,086	469	183	188	219	134	216	218	177	167	191	193	96	45,536
120: Overtime-General	16,014	-	-	-	-	-	-	-	-	-	-	-	-	16,014
350: Material Issues-Major	57,775	1,996	780	801	931	571	920	928	752	711	814	821	410	68,210
370: Outside Services	33,206	409	160	164	191	117	189	190	154	146	167	168	84	35,346
374: Outside Services Legal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377: Outside Svcs-Temp Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
391: Jt Proj Bill to PNM -N Lab	-	-	-	-	-	-	-	-	-	-	-	-	-	-
426: Capitalized Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
610: Expenses - General	31,652	-	-	-	-	-	-	-	-	-	-	-	-	31,652
805: Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807: Non Refundable Contrib	(39,887)	-	-	-	-	-	-	-	-	-	-	-	-	(39,887)
829: Construction Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
909: Luna AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
913: Payroll Taxes	4,347	35	14	14	16	10	16	16	13	13	14	15	7	4,532
914: Pension and Benefits	16,403	108	42	43	50	31	50	50	41	38	44	44	22	16,967
915: Injuries and Damages	4,806	47	18	19	22	13	22	22	18	17	19	19	10	5,049
918: San Juan AR-Labor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
921: Stores Load	6,880	566	221	227	264	162	261	263	213	201	231	233	116	9,837
922: Minor Material Load	3,914	-	-	-	-	-	-	-	-	-	-	-	-	3,914
925: E&S Loads	28,666	352	138	141	164	101	162	164	133	125	144	145	72	30,508
926: A&G Loads	9,823	125	49	50	58	36	58	58	47	45	51	51	26	10,476
928: AFUDC Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
929: AFUDC Equity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
937: San Juan AR - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-
961: Luna A&G PNMNR D&V	-	-	-	-	-	-	-	-	-	-	-	-	-	-
825: Closing Addition	(179,323)	(1,511)	(1,500)	(1,494)	(1,517)	(1,459)	(1,484)	(1,507)	(1,490)	(1,465)	(1,466)	(1,469)	(1,382)	(197,066)
825: Closing Cost of Removal	(26,714)	(259)	(251)	(245)	(243)	(231)	(230)	(230)	(225)	(219)	(217)	(215)	(201)	(29,480)
Project Net	10,647	2,336	(145)	(91)	157	(515)	180	172	(167)	(222)	(8)	6	(739)	11,610

Capital Projects Clearings Under \$25,000 Service Cost

PNM Exhibit WG-6

Is contained in the following 1 page.

PNM Exhibit WG - 6
Capital Project Clearings under \$25,000

Transmission Projects Under \$25,000

Project Code	Project Name	Capital Investment Period	
			Clearings
64807018	UVLS Relay-VT Upg Gavilan-Hollywood		639
64807119	CY and WB Line Galloping Mitigation		23,577
64807221	Petroglyph Station-Transmission		(39)
64807420	Guadalupe 44 MVAR Reactor Regasket		21,392
64808323	Ortiz Substation		5,689
64809018	SEL Relay Project 2019		(0)
65007040	West Mesa Security Hardening		83
65008217	Line Switch Replacement		18,869
65009116	Huning Ranch Expansion		1,605
65009621	345kV Structure Repl Phase 4-WFF		4,708
Total		\$	76,522

Distribution Projects Under \$25,000

Project Code	Project Name	Capital Investment Period	
			Clearings
89901307	Cable Replacement	\$	3,476
90000707	Distr. System Improvements		21,180
90000807	Services		15,291
10001717	8th Street Circuit Rebuild		16,848
10030819	AESC ADA Improvements		14,312
30000507	Lighting		1,968
30000707	Distr. System Improvements		7,988
30001707	Las Vegas Pure Project		13,079
60002519	Distribution Comm Improvement 2020		15,838
60003118	Distr Cable Testing and Replace 201		8,426
60003120	Distr Cable Testing and Replace 202		19,007
60003420	ABQ Sunport Switch Replacement		19,381
Total		\$	156,793

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

**IN THE MATTER OF THE APPLICATION)
OF PUBLIC SERVICE COMPANY OF NEW)
MEXICO FOR REVISION OF ITS RETAIL)
ELECTRIC RATES PURSUANT TO ADVICE)
NOTICE NO. 595)
)
PUBLIC SERVICE COMPANY OF NEW)
MEXICO,)
)
Applicant)**

Case No. 22-00270-UT

SELF AFFIRMATION

WESLEY W. GRAY, Director, Transmission Substation and Distribution Field Operations, Public Service Company of New Mexico, upon penalty of perjury under the laws of the State of New Mexico, affirm and state: I have read the foregoing **Direct Testimony of Wesley W. Gray** and it is true and accurate based on my own personal knowledge and belief.

Dated this 5th day of December, 2022.

/s/ Wesley W. Gray
WESLEY W. GRAY