

Transmission Tier 2 Capital Projects

PNM Exhibit AAJ-5

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Electronic Instructions:

To view detailed costs for each project, click project to highlight then Press "CTRL" and left click on mouse.

To return back to index from detailed costs, click "CTRL" and "Home"

Sunday, August 16, 2015

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PNM EXHIBIT AAJ-5-Transmission Tier 2 Capital Projects

Link/Test

CWIP

Total

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Project No:65030615 Power Ops NERC Security Upgrades	\$167,237	\$0	\$167,237....	110
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Project No:65034914 Power Ops-San Juan Radio Upgrade	\$0	\$485,894	\$485,894....	122
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Totals for Report	\$8,382,309	\$1,239,924	\$9,622,233	

Blanket

Project No: 65006110 ANPP Transmission

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 1/1/2010

Estimated Completion Date N/A

List Interim In-Service Dates

Projects are cleared as PNM is invoiced.

Project Need Justification

PNM's participation in the Arizona Nuclear Power Project, includes the transmission path (stations and lines) for PNM to access its share of the output of the generation facility. PNM is contractually obligated share in the funding of the capital improvements/replacements associated with these facilities. These capital improvements/replacements typically include costs for the SRP internal labor, external contract labor, equipment and materials associated with the replacement of failed equipment such as transformer, betterments to satisfy new regulatory requirements such as card readers to control access to certain facilities for enhanced security, or improvements that protect reliability and better safety such as breaker replacements for increased fault duty.

Project Alternatives

As a member of the Arizona Nuclear Power Project Engineering & Operations (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; and as well the estimated cost prior to project commitment.

Technical Aspects

As a participant in ANPP, PNM has capacity rights in certain switching stations and transmission lines that represent the contractual path. The 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.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65006110	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	30,622	1,317	418	216	117	117	107	1,317	415	415	35,061	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	175,001	0	0	0	0	0	0	0	0	0	175,001	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	1,485,757	30,046	9,245	9,245	9,245	9,245	30,046	8,510	6,511	28,312	1,626,162	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	6,802	0	0	0	0	0	0	1,300	0	0	8,102	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	2,196	92	29	15	8	8	7	92	29	29	2,507	
	914-Pension and Benefits Load	8,248	294	93	48	26	26	24	294	93	93	9,238	
	915-Injuries and Damages Load	2,265	89	28	15	8	8	7	89	28	28	2,563	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	1,250	0	0	0	0	0	0	0	0	0	1,250	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	13,918	257	79	78	77	77	247	91	57	236	15,116	
	928-AFUDC Debt Reg	46,080	52	107	132	158	183	236	292	318	366	47,925	
	929-AFUDC - Equity Regular	56,391	75	152	189	225	262	337	416	454	523	59,024	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	1,828,529	32,222	10,152	9,938	9,864	9,926	31,012	12,401	7,904	30,002	1,981,950	
	825-Clearings	-1,824,292	0	0	0	0	0	0	0	0	0	-1,824,292	
	Clr Sum	-1,824,292	0	0	0	0	0	0	0	0	0	-1,824,292	
Proj Net		4,237	32,222	10,152	9,938	9,864	9,926	31,012	12,401	7,904	30,002	157,658	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 65006110	Year	2016												
Cost Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	35,061	110	317	134	1,317	418	216	117	117	107	1,317	415	415	40,061
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
370-Outside Services	175,001	0	0	0	0	0	0	0	0	0	0	0	0	175,001
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	1,626,162	9,245	12,712	10,978	30,046	9,245	9,245	9,245	9,245	30,046	8,510	6,511	28,312	1,799,502
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	8,102	0	0	1,300	0	0	0	0	0	0	1,300	0	0	10,702
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	2,507	8	22	9	92	29	15	8	8	7	92	29	29	2,855
914-Pension and Benefits Load	9,238	25	71	30	294	93	48	26	26	24	294	93	93	10,355
915-Injuries and Damages Load	2,563	7	21	9	89	28	15	8	8	7	89	28	28	2,900
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	1,250	0	0	0	0	0	0	0	0	0	0	0	0	1,250
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
926-A and G Loads	15,116	77	107	102	257	79	78	77	77	247	91	57	236	16,601
928-AFUDC Debt Reg	47,925	284	305	328	62	99	116	133	150	185	222	239	271	50,319
929-AFUDC - Equity Regular	59,024	0	0	0	0	0	0	0	0	0	0	0	0	59,024
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,981,950	9,756	13,555	12,890	32,157	9,991	9,733	9,614	9,631	30,623	11,915	7,372	29,384	2,168,571
825-Clearings	-1,824,292	0	0	-174,472	0	0	0	0	0	0	0	0	0	-1,998,764
Clr Sum	-1,824,292	0	0	-174,472	0	0	0	0	0	0	0	0	0	-1,998,764
Proj Net	157,658	9,756	13,555	-161,582	32,157	9,991	9,733	9,614	9,631	30,623	11,915	7,372	29,384	169,807

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65006110	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	40,061	750	750	0	0	0	0	0	0	0	0	0	0	41,561
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	175,001	0	0	0	0	0	0	0	0	0	0	0	0	175,001
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	1,799,502	17,758	17,758	0	0	0	0	0	0	0	0	0	0	1,835,018
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	10,702	0	0	0	0	0	0	0	0	0	0	0	0	10,702
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,855	53	53	0	0	0	0	0	0	0	0	0	0	2,961
	914-Pension and Benefits Load	10,355	167	167	0	0	0	0	0	0	0	0	0	0	10,689
	915-Injuries and Damages Load	2,900	50	50	0	0	0	0	0	0	0	0	0	0	3,000
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	1,250	0	0	0	0	0	0	0	0	0	0	0	0	1,250
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	16,601	152	152	0	0	0	0	0	0	0	0	0	0	16,905
	928-AFUDC Debt Reg	50,319	568	631	0	0	0	0	0	0	0	0	0	0	51,518
	929-AFUDC - Equity Regular	59,024	336	373	0	0	0	0	0	0	0	0	0	0	59,733
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,168,571	19,834	19,934	0	0	0	0	0	0	0	0	0	0	2,208,339
	825-Clearings	-1,998,764	0	0	0	0	0	0	0	0	0	0	0	0	-1,998,764
	Clr Sum	-1,998,764	0	0	0	0	0	0	0	0	0	0	0	0	-1,998,764
	Proj Net	169,807	19,834	19,934	0	0	0	0	0	0	0	0	0	0	209,575

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Project No: 65006210 SW NM Transmission

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 1/1/2014

Estimated Completion Date N/A

List Interim In-Service Dates

Project Need Justification

This project is for PNM's share of annual capital improvements or replacements associated with the Southwest NM Joint Transmission project. PNM has a contractual obligation to the operating agent (EPE) to pay for these cost, prorated on PNM's percent ownership. Examples would include replacement of structures with taller ones to provide increased ground clearance or to replace structurally deficient or damaged structural members.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

While PNM has a contractual obligation, PNM also is represented with other participants on an engineering and operating committee (E&O), and as such has input regarding decisions and timing of these capital expenditures. While proposed major improvements are brought before the committee, emergency replacements of failed equipment such as a broken pole or minor capital work, is handled as routine by the operating agent, with participants advised after the fact. As PNM operates similar facilities, E&O committee members have an independent basis from which to evaluate the operating agent's recommendations and cost estimates.

Technical Aspects

Technical aspects are evaluated by the operating agent and submitted for consideration of the E&O committee. Types of work might include capital replacements of structurally deficient wood poles or insulators, or replacement of breakers within stations to provide increased fault duty.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65006210	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	25,652	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	34,652	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	394,152	25,000	0	0	25,000	0	50,000	0	10,000	0	504,152	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	11,614	0	2,000	0	0	2,000	0	0	2,000	0	17,614	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	1,821	70	70	70	70	70	70	70	70	70	2,451	
	914-Pension and Benefits Load	7,269	223	223	223	223	223	223	223	223	223	9,278	
	915-Injuries and Damages Load	2,041	67	67	67	67	67	67	67	67	67	2,647	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	3,536	213	25	8	213	25	418	8	107	8	4,561	
	928-AFUDC Debt Reg	15,085	536	578	588	628	670	745	819	843	867	21,360	
	929-AFUDC - Equity Regular	19,622	766	826	840	896	957	1,064	1,169	1,203	1,238	28,581	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	480,793	27,876	4,789	2,796	28,098	5,012	53,589	3,356	15,513	3,474	625,296	
	825-Clearings	-285,957	0	0	0	0	0	0	0	0	0	-285,957	
	Clr Sum	-285,957	0	0	0	0	0	0	0	0	0	-285,957	
	Proj Net	194,836	27,876	4,789	2,796	28,098	5,012	53,589	3,356	15,513	3,474	339,339	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 65006210	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	34,652	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	46,652
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	504,152	0	25,000	0	25,000	0	0	25,000	0	50,000	0	10,000	0	639,152
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	17,614	0	2,000	0	0	2,000	0	0	2,000	0	0	2,000	0	25,614
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	2,451	70	70	70	70	70	70	70	70	70	70	70	70	3,291
914-Pension and Benefits Load	9,278	223	223	223	223	223	223	223	223	223	223	223	223	11,954
915-Injuries and Damages Load	2,647	67	67	67	67	67	67	67	67	67	67	67	67	3,451
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
926-A and G Loads	4,561	8	230	8	213	25	8	213	25	418	8	107	8	5,832
928-AFUDC Debt Reg	21,360	595	25	51	76	102	106	131	158	206	253	266	280	23,609
929-AFUDC - Equity Regular	28,581	0	0	0	0	0	0	0	0	0	0	0	0	28,581
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	625,296	1,963	28,615	1,419	26,649	3,487	1,474	26,704	3,543	51,984	1,621	13,733	1,648	788,136
825-Clearings	-285,957	-341,303	0	0	0	0	0	0	0	0	0	0	0	-627,260
Clr Sum	-285,957	-341,303	0	0	0	0	0	0	0	0	0	0	0	-627,260
Proj Net	339,339	-339,340	28,615	1,419	26,649	3,487	1,474	26,704	3,543	51,984	1,621	13,733	1,648	160,876

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65006210	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	48,652	1,000	1,000	0	0	0	0	0	0	0	0	0	0	48,652
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	639,152	0	25,000	0	0	0	0	0	0	0	0	0	0	664,152
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	25,614	0	2,000	0	0	0	0	0	0	0	0	0	0	27,614
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,291	70	70	0	0	0	0	0	0	0	0	0	0	3,431
	914-Pension and Benefits Load	11,954	223	223	0	0	0	0	0	0	0	0	0	0	12,400
	915-Injuries and Damages Load	3,451	67	67	0	0	0	0	0	0	0	0	0	0	3,585
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	5,832	8	230	0	0	0	0	0	0	0	0	0	0	6,070
	928-AFUDC Debt Reg	23,609	512	45	0	0	0	0	0	0	0	0	0	0	24,166
	929-AFUDC - Equity Regular	28,581	303	27	0	0	0	0	0	0	0	0	0	0	28,911
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	788,136	2,183	28,662	0	0	0	0	0	0	0	0	0	0	818,981
	825-Clearings	-627,260	-163,066	0	0	0	0	0	0	0	0	0	0	0	-790,326
	Clr Sum	-627,260	-163,066	0	0	0	0	0	0	0	0	0	0	0	-790,326
	Proj Net	160,876	-160,883	28,662	0	0	0	0	0	0	0	0	0	0	28,655

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Project No: 65034010 2010 Co 2 Tools & Equipment

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Quarterly clearings occur every year. 03-15,06-15,09-15,12-15

Project Need Justification

This project is for the purchase of Transmission tools and equipment. The new tools and equipment replaces defective equipment that enables the Transmission areas to improve its productivity or ensure the safety of its employees while performing work. Use of the tools includes, but is not limited to, maintenance of substation equipment and transmission equipment.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This blanket interchange agreement will have multiple work orders each representing small capital tool replacements.

The alternatives related to this project are to do nothing or to purchase the tools and equipment. By not purchasing the equipment, the effectiveness of PNM employees conducting transmission work will be negatively impacted (potentially increasing costs as time required to perform work will take longer).

Replacing the defective tools and equipment is the appropriate option as it provides the Transmission area employees with properly functioning tools and equipment to perform their work tasks. Tools and equipment alternatives are evaluated at the replacement level.

Technical Aspects

The tools and equipment that are to be purchased include, but are not limited to, magnetic drill press, hydraulic paving breaker, streamline robo crimp, cordless phasing sets, cable cutter, recording devices for power/voltage monitoring and surveying equipment for engineering of power line construction.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65034010	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	48		0	0	0	0	0	0	0	0	0	48
	120-Overtime-General	0		0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	505,675		10,000	40,000	20,000	0	7,977	0	0	7,877	0	591,529
	370-Outside Services	30,331		0	0	0	0	0	0	0	0	0	30,331
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	22,741		0	0	0	0	0	0	0	0	0	22,741
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	8,881		98	226	381	87	107	128	26	46	66	10,046
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3		0	0	0	0	0	0	0	0	0	3
	914-Pension and Benefits Load	14		0	0	0	0	0	0	0	0	0	14
	915-Injuries and Damages Load	4		0	0	0	0	0	0	0	0	0	4
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,213		467	1,868	934	0	373	0	0	368	0	7,222
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0		0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	38,391		832	3,328	1,664	0	664	0	0	655	0	45,534
	928-AFUDC Debt Reg	196		0	0	0	0	0	0	0	0	0	196
	929-AFUDC - Equity Regular	121		0	0	0	0	0	0	0	0	0	121
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	609,618		11,397	45,422	22,979	87	9,121	128	26	8,946	66	707,790
	825-Glearings	-593,577		0	0	-76,672	0	0	-22,803	0	0	-14,739	-707,790
	Clr Sum	-593,577		0	0	-76,672	0	0	-22,803	0	0	-14,739	-707,790
	Proj Net	16,041		11,397	45,422	-53,693	87	9,121	-22,675	26	8,946	-14,673	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017.

Cost Year 02

Project 65034010	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	48	0	0	0	0	0	0	0	0	0	0	0	0	48
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	591,529	0	7,929	0	0	7,929	0	0	7,929	0	0	7,929	0	623,245
370-Outside Services	30,331	0	0	0	0	0	0	0	0	0	0	0	0	30,331
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	22,741	0	0	0	0	0	0	0	0	0	0	0	0	22,741
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	10,046	0	20	42	8	31	51	10	32	51	11	31	53	10,386
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	3	0	0	0	0	0	0	0	0	0	0	0	0	3
914-Pension and Benefits Load	14	0	0	0	0	0	0	0	0	0	0	0	0	14
915-Injuries and Damages Load	4	0	0	0	0	0	0	0	0	0	0	0	0	4
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	7,222	0	370	0	0	370	0	0	370	0	0	370	0	8,702
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
926-A and G Loads	45,534	0	660	0	0	660	0	0	660	0	0	660	0	48,174
928-AFUDC Debt Reg	196	0	0	0	0	0	0	0	0	0	0	0	0	196
929-AFUDC - Equity Regular	121	0	0	0	0	0	0	0	0	0	0	0	0	121
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	707,790	0	8,979	42	8	8,990	51	10	8,991	51	11	8,990	53	743,966
825-Clearings	-707,790	0	0	-7,217	0	0	-8,682	0	0	-8,979	0	0	-11,298	-743,966
Clr Sum	-707,790	0	0	-7,217	0	0	-8,682	0	0	-8,979	0	0	-11,298	-743,966
Proj Net	0	0	8,979	-7,175	8	8,990	-8,631	10	8,991	-8,928	11	8,990	-11,245	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65034010	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	48	0	0	0	0	0	0	0	0	0	0	0	0	48
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	623,245	0	7,929	0	0	0	0	0	0	0	0	0	0	631,174
	370-Outside Services	30,331	0	0	0	0	0	0	0	0	0	0	0	0	30,331
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	22,741	0	0	0	0	0	0	0	0	0	0	0	0	22,741
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	10,386	0	23	0	0	0	0	0	0	0	0	0	0	10,409
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	914-Pension and Benefits Load	14	0	0	0	0	0	0	0	0	0	0	0	0	14
	915-Injuries and Damages Load	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	8,702	0	370	0	0	0	0	0	0	0	0	0	0	9,072
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	48,174	0	660	0	0	0	0	0	0	0	0	0	0	48,834
	928-AFUDC Debt Reg	196	0	0	0	0	0	0	0	0	0	0	0	0	196
	929-AFUDC - Equity Regular	121	0	0	0	0	0	0	0	0	0	0	0	0	121
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	743,966	0	8,982	0	0	0	0	0	0	0	0	0	0	752,948
	825-Clearings	-743,966	0	0	0	0	0	0	0	0	0	0	0	0	-743,966
	Clr Sum	-743,966	0	0	0	0	0	0	0	0	0	0	0	0	-743,966
	Proj Net	0	0	8,982	0	0	0	0	0	0	0	0	0	0	8,982

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Project No: 65034012 Total Palo Verde 1&2

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Quarterly clearings occur every year. 03-15,06-15,09-15,12-15

Project Need Justification

This project is for the purchase of Transmission tools and equipment. The new tools and equipment replaces defective equipment that enables the Transmission areas to improve its productivity or ensure the safety of its employees while performing work. Use of the tools includes, but is not limited to, maintenance of substation equipment and transmission equipment.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This blanket interchange agreement will have multiple work orders each representing small capital tool replacements.

The alternatives related to this project are to do nothing or to purchase the tools and equipment. By not purchasing the equipment, the effectiveness of PNM employees conducting transmission work will be negatively impacted (potentially increasing costs as time required to perform work will take longer).

Replacing the defective tools and equipment is the appropriate option as it provides the Transmission area employees with properly functioning tools and equipment to perform their work tasks. Tools and equipment alternatives are evaluated at the replacement level.

Technical Aspects

The tools and equipment that are to be purchased include, but are not limited to, magnetic drill press, hydraulic paving breaker, streamline robo crimp, cordless phasing sets, cable cutter, recording devices for power/voltage monitoring and surveying equipment for engineering of power line construction. Page 1

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 65034012	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	940,385	0	44,516	39,329	0	0	39,484	0	0	15,484	0	39,252	0	1,118,450
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	6,689	0	111	340	429	94	194	307	61	100	145	129	239	8,838
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	9,563	0	2,079	1,837	0	0	1,844	0	0	723	0	1,833	0	17,879
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
926-A and G Loads	78,240	0	3,704	3,272	0	0	3,285	0	0	1,288	0	3,266	0	93,055
928-AFUDC Debt Reg	197	0	0	0	0	0	0	0	0	0	0	0	0	197
929-AFUDC - Equity Regular	220	0	0	0	0	0	0	0	0	0	0	0	0	220
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,035,292	0	50,410	44,778	429	94	44,807	307	61	17,595	145	44,480	239	1,238,637
825-Clearings	-1,035,292	0	0	0	-76,493	0	0	-51,465	0	0	-24,534	0	-50,852	-1,238,636
Clr Sum	-1,035,292	0	0	0	-76,493	0	0	-51,465	0	0	-24,534	0	-50,852	-1,238,636
Proj Net	0	0	50,410	44,778	-76,064	94	44,807	-51,158	61	17,595	-24,389	44,480	-50,613	1

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65034012	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	1,116,450	0	44,516	0	0	0	0	0	0	0	0	0	0	1,162,966
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	8,838	0	127	0	0	0	0	0	0	0	0	0	0	8,965
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	17,879	0	2,079	0	0	0	0	0	0	0	0	0	0	19,958
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	93,055	0	3,704	0	0	0	0	0	0	0	0	0	0	96,759
	928-AFUDC Debt Reg	197	0	0	0	0	0	0	0	0	0	0	0	0	197
	929-AFUDC - Equity Regular	220	0	0	0	0	0	0	0	0	0	0	0	0	220
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,238,637	0	50,426	0	0	0	0	0	0	0	0	0	0	1,289,063
	825-Clearings	-1,238,636	0	0	0	0	0	0	0	0	0	0	0	0	-1,238,636
	Clr Sum	-1,238,636	0	0	0	0	0	0	0	0	0	0	0	0	-1,238,636
	Proj Net	1	0	50,426	0	0	0	0	0	0	0	0	0	0	50,427

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Specifics

Project No: 22007308 HVDC Converter Station-Eddy Cou

Company: 035-PNM TNMPNM Transmission

Location: 220 Transmission

Project Information

Construction Start Date 1/1/2010 Estimated Completion Date 3/31/2016

List Interim In-Service Dates

Projects are cleared as they are invoiced to PNM.

Project Need Justification

This project addresses PNM's share of miscellaneous capital improvements /replacements that are associated with joint transmission project. PNM is owner of a significant portion of the Eddy County HVDC converter and the Amrad-Eddy 345kV transmission line. El Paso Electric (EPE) as the operating partner is responsible for managing the project including the identification and development of needed capital improvements. Justification for these individual improvements is typically based on replacement of critical parts nearing end of life, need to meet updated compliance requirements, life extension, and the need to maintain critical spare equipment. a recent capital project was the purchase of critical spare parts such as thyristors (which are no longer manufactured) from a sister facility in the U.S. that was being retired. Other recent projects include replacement of water line site feed, plant fans and pumps, and specialty electrical equipment.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Capital Projects are proposed by the operating agent and must be authorized by E&O committee which is comprised of representatives of all the owners. The E&O committee reviews the alternatives presented by EPE and weighs the advantages of the improvements in comparison to the total owning costs.

Technical Aspects

This project, a back to back AC/DC/AC converter, allows interconnection between the Western Electric Coordinating Council and ERCOT. The 345kV transmission line provides the connection from the NEW Mexico 345kV transmission grid to the converter station. All owners benefit from these facilities for system reliability.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	22007308	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	6,062	0	0	0	0	0	0	0	0	0	6,062
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	10,716	691	577	298	162	162	162	552	573	573	14,466
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	6,102	0	0	0	0	0	0	0	0	0	6,102
	391-Jt Proj Bills to PNM-Non-Labor	80,340	50,000	50,000	1,000	3,000	4,000	5,000	5,000	0	12,000	210,340
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	547	0	0	0	0	0	0	0	0	0	547
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	438	0	0	0	0	0	0	0	0	0	438
	914-Pension and Benefits Load	1,740	0	0	0	0	0	0	0	0	0	1,740
	915-Injuries and Damages Load	491	0	0	0	0	0	0	0	0	0	491
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	100	0	0	0	0	0	0	0	0	0	100
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	12,335	1,521	1,517	39	95	125	155	167	17	377	16,348
	926-A and G Loads	3,749	4,217	4,208	108	263	346	429	462	48	1,046	14,877
	928-AFUDC Debt Reg	3,880	73	218	294	302	315	330	348	90	110	5,960
	929-AFUDC - Equity Regular	4,275	104	312	420	432	449	471	496	129	157	7,245
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	130,776	56,606	56,833	2,159	4,254	5,397	6,548	7,024	857	14,263	284,717
	825-Clearings	-130,776	0	0	0	0	0	0	-104,116	0	0	-234,892
	Clr Sum	-130,776	0	0	0	0	0	0	-104,116	0	0	-234,892
Proj Net		0	56,606	56,833	2,159	4,254	5,397	6,548	-97,092	857	14,263	49,825

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	22007308	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	6,062	0	0	0	0	0	0	0	0	0	0	0	0	6,062
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	14,466	138	207	207	691	577	298	162	162	162	552	573	573	18,768
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	6,102	0	0	0	0	0	0	0	0	0	0	0	0	6,102
	391-Jt Proj Bills to PNM-Non-Labor	210,340	1,000	1,500	2,500	2,500	1,500	1,000	3,000	4,000	5,000	5,000	0	12,000	249,340
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	547	0	0	0	0	0	0	0	0	0	0	0	0	547
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	438	0	0	0	0	0	0	0	0	0	0	0	0	438
	914-Pension and Benefits Load	1,740	0	0	0	0	0	0	0	0	0	0	0	0	1,740
	915-Injuries and Damages Load	491	0	0	0	0	0	0	0	0	0	0	0	0	491
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	100	0	0	0	0	0	0	0	0	0	0	0	0	100
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	16,348	34	51	81	96	62	39	95	125	155	167	17	377	17,647
	926-A and G Loads	14,877	95	142	225	265	173	108	263	346	429	462	48	1,046	18,479
	928-AFUDC Debt Reg	5,960	88	91	96	13	18	21	26	33	42	53	59	72	6,572
	929-AFUDC - Equity Regular	7,245	0	0	0	0	0	0	0	0	0	0	0	0	7,245
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	284,717	1,355	1,991	3,109	3,565	2,330	1,466	3,546	4,666	5,788	6,234	697	14,068	333,532
	825-Clearings	-234,892	0	0	-50,652	0	0	0	0	0	0	0	0	0	-285,544
	Clr Sum	-234,892	0	0	-50,652	0	0	0	0	0	0	0	0	0	-285,544
	Proj Net	49,825	1,355	1,991	-47,543	3,565	2,330	1,466	3,546	4,666	5,788	6,234	697	14,068	47,988

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	22007308	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	6,062	0	0	0	0	0	0	0	0	0	0	0	0	6,062
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	18,768	177	266	0	0	0	0	0	0	0	0	0	0	19,211
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	6,102	0	0	0	0	0	0	0	0	0	0	0	0	6,102
	391-Jt Proj Bills to PNM-Non-Labor	249,340	1,026	1,538	0	0	0	0	0	0	0	0	0	0	251,904
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	547	0	0	0	0	0	0	0	0	0	0	0	0	547
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	438	0	0	0	0	0	0	0	0	0	0	0	0	438
	914-Pension and Benefits Load	1,740	0	0	0	0	0	0	0	0	0	0	0	0	1,740
	915-Injuries and Damages Load	491	0	0	0	0	0	0	0	0	0	0	0	0	491
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	100	0	0	0	0	0	0	0	0	0	0	0	0	100
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	17,647	36	54	0	0	0	0	0	0	0	0	0	0	17,737
	926-A and G Loads	18,479	100	150	0	0	0	0	0	0	0	0	0	0	18,729
	928-AFUDC Debt Reg	6,572	154	160	0	0	0	0	0	0	0	0	0	0	6,886
	929-AFUDC - Equity Regular	7,245	91	95	0	0	0	0	0	0	0	0	0	0	7,431
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	333,532	1,584	2,263	0	0	0	0	0	0	0	0	0	0	337,379
	825-Clearings	-285,544	0	-25,918	0	0	0	0	0	0	0	0	0	0	-311,462
	Clr Sum	-285,544	0	-25,918	0	0	0	0	0	0	0	0	0	0	-311,462
	Proj Net	47,988	1,584	-23,655	0	0	0	0	0	0	0	0	0	0	25,917

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Project No: 22007414 Southern Microwave Comm UpgradeCo35

Company: 035-PNM TNMPNM Transmission

Location: 220 Transmission

Project Information

Construction Start Date 4/6/2015 Estimated Completion Date 12/31/2015

List Interim In-Service Dates

Each WO is closed as completed, with an estimated 4 clearings per year.

Project Need Justification

This project provides enhancements and upgrades to the existing microwave system in Southern New Mexico. Blanket improvement authorization for capital replacements or betterments to the communications network in support of sub/switching stations. Typical work might include replacing radios or fiber systems that are no longer supported by the manufacturer or in which replacements are no longer available.

Project Alternatives

Improvements are required on the radio system to avoid potential failure.

Alternatives are considered on a task-by-task basis for all capital replacements or betterments. Alternatives are considered based on cost, efficacy, and ability to meet time constraints for the need.

Technical Aspects

Technical aspects are considered on a task by task basis, but might include improved communication network reliability, NERC requirements and the inclusion of new technologies into the communication platform

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	22007414	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	7,821	2,000	2,000	2,000	2,000	2,000	2,000	0	0	0	19,821	
	120-Overtime-General	1,247	0	0	0	0	0	0	0	0	0	1,247	
	350-Material Issues-Major	131,819	0	0	0	0	0	0	0	0	0	131,819	
	370-Outside Services	6,515	3,000	5,000	5,000	5,000	5,000	5,000	0	0	0	34,515	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	1,381	0	0	0	0	0	0	0	0	0	1,381	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	614	140	140	140	140	140	140	0	0	0	1,454	
	914-Pension and Benefits Load	2,122	446	446	446	446	446	446	0	0	0	4,800	
	915-Injuries and Damages Load	604	135	135	135	135	135	135	0	0	0	1,412	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	885	0	0	0	0	0	0	0	0	0	885	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	4,961	172	232	232	232	232	232	0	0	0	6,290	
	926-A and G Loads	12,317	416	582	582	582	582	582	0	0	0	15,645	
	928-AFUDC Debt Reg	1,127	454	476	501	526	551	577	592	595	0	5,399	
	929-AFUDC - Equity Regular	1,667	648	680	715	751	787	824	845	850	0	7,768	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	173,081	7,411	9,691	9,752	9,813	9,874	9,936	1,436	1,445	0	232,438	
	825-Clearings	0	0	0	0	0	0	0	0	-232,438	0	-232,438	
	Clr Sum	0	0	0	0	0	0	0	0	-232,438	0	-232,438	
Proj Net		173,081	7,411	9,691	9,752	9,813	9,874	9,936	1,436	-230,993	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	22007414	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	19,821	0	0	0	0	0	0	0	0	0	0	0	0	19,821
	120-Overtime-General	1,247	0	0	0	0	0	0	0	0	0	0	0	0	1,247
	350-Material Issues-Major	131,819	0	0	0	0	0	0	0	0	0	0	0	0	131,819
	370-Outside Services	34,515	0	0	0	0	0	0	0	0	0	0	0	0	34,515
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	1,381	0	0	0	0	0	0	0	0	0	0	0	0	1,381
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,454	0	0	0	0	0	0	0	0	0	0	0	0	1,454
914-Pension and Benefits Load	4,800	0	0	0	0	0	0	0	0	0	0	0	0	0	4,800
915-Injuries and Damages Load	1,412	0	0	0	0	0	0	0	0	0	0	0	0	0	1,412
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	885	0	0	0	0	0	0	0	0	0	0	0	0	0	885
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	6,290	0	0	0	0	0	0	0	0	0	0	0	0	6,290
	926-A and G Loads	15,645	0	0	0	0	0	0	0	0	0	0	0	0	15,645
	928-AFUDC Debt Reg	5,399	0	0	0	0	0	0	0	0	0	0	0	0	5,399
929-AFUDC - Equity Regular	7,768	0	0	0	0	0	0	0	0	0	0	0	0	0	7,768
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	232,438	0	0	0	0	0	0	0	0	0	0	0	0	232,438
	825-Clearings	-232,438	0	0	0	0	0	0	0	0	0	0	0	0	-232,438
	Clr Sum	-232,438	0	0	0	0	0	0	0	0	0	0	0	0	-232,438
Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	22007414	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	19,821	0	0	0	0	0	0	0	0	0	0	0	0	19,821
	120-Overtime-General	1,247	0	0	0	0	0	0	0	0	0	0	0	0	1,247
	350-Material Issues-Major	131,819	0	0	0	0	0	0	0	0	0	0	0	0	131,819
	370-Outside Services	34,515	0	0	0	0	0	0	0	0	0	0	0	0	34,515
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	1,381	0	0	0	0	0	0	0	0	0	0	0	0	1,381
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,454	0	0	0	0	0	0	0	0	0	0	0	0	1,454
914-Pension and Benefits Load	4,800	0	0	0	0	0	0	0	0	0	0	0	0	0	4,800
915-Injuries and Damages Load	1,412	0	0	0	0	0	0	0	0	0	0	0	0	0	1,412
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	885	0	0	0	0	0	0	0	0	0	0	0	0	0	885
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	6,290	0	0	0	0	0	0	0	0	0	0	0	0	6,290
	926-A and G Loads	15,645	0	0	0	0	0	0	0	0	0	0	0	0	15,645
	928-AFUDC Debt Reg	5,399	0	0	0	0	0	0	0	0	0	0	0	0	5,399
929-AFUDC - Equity Regular	7,768	0	0	0	0	0	0	0	0	0	0	0	0	0	7,768
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	232,438	0	0	0	0	0	0	0	0	0	0	0	0	232,438
	825-Clearings	-232,438	0	0	0	0	0	0	0	0	0	0	0	0	-232,438
	Clr Sum	-232,438	0	0	0	0	0	0	0	0	0	0	0	0	-232,438
Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 64807213 Fiber Buildout OPGW ADS

Company: 002-Transmission Services

Location: 648 Transmission

Project Information

Construction Start Date 8/2/2013

Estimated Completion Date 7/31/2016

List Interim In-Service Dates

Project Need Justification

Project involves building last mile fiber projects into PNM facilities, connecting fiber loops, and reconductoring transmission lines with OPGW. These improvements are needed to complete SONET ring (a more secure communications network). The SONET ring technology is deployed or planned for deployment at all of PNM's major transmission stations. It provides communications for PNM's Transmission SCADA operations as well as protective relaying for PNM's Transmission network.

SONET technology (through a looped protection plan) mitigates the possibility of the loss of communications to a PNM Station or Plant asset that could result from a fiber or single communication equipment failure. This is a significant reliability improvement for PNM's transmission SCADA and Protective Relaying system which is required to operate PNM's electrical network. Additionally, the increased capabilities of the SONET network enable PNM to implement Station Security and Station automation initiatives.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

The SONET technology made available by the project's fiber construction will replace the linear Microwave Systems that served PNM's Switching Stations or Generation Plants. The alternative to SONET would have been to upgrade the existing Radio system. This alternate was not practical as it would not provide the loop protection required for PNM's transmission SCADA nor could have it provided the capacity PNM will require for Station Security or other Station Automation initiatives. NERC guidelines require utilities to provide protected communication systems to their critical Station assets. The SONET system fully meets that guideline.

Technical Aspects

The project will expand SONET technology to currently unserved PNM Switching Station and Generation Station assets through the extension of existing facilities to stations (last mile projects) and/or reconductoring undersized Fiber optic shield Wire (OPGW) or steel shield wire. The SONET system provides state-of-the-art high speed communications for PNM's Transmission SCADA operations as well as protective relaying for PNM's Transmission network.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017
Cost Year 01

Project	64807213	Year	2015											
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total			
110-Straight Time-General	101,729	0	0	0	0	0	0	0	0	0	101,729			
120-Overtime-General	19,930	0	0	0	0	0	0	0	0	0	19,930			
350-Material Issues-Major	599,931	0	0	0	0	0	0	0	0	0	599,931			
370-Outside Services	2,510,169	0	0	0	0	0	0	0	0	0	2,510,169			
374-Outside Svcs Legal	15,173	0	0	0	0	0	0	0	0	0	15,173			
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0			
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0			
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0			
610-Expenses - General	59,057	0	0	0	0	0	0	0	0	0	59,057			
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0			
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0			
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0			
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0			
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0			
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0			
913-Payroll Taxes Load	8,045	0	0	0	0	0	0	0	0	0	8,045			
914-Pension and Benefits Load	30,908	0	0	0	0	0	0	0	0	0	30,908			
915-Injuries and Damages Load	8,066	0	0	0	0	0	0	0	0	0	8,066			
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0			
921-Stores / Purchasing Load	21,272	0	0	0	0	0	0	0	0	0	21,272			
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0			
925-E and S Loads	103,605	0	0	0	0	0	0	0	0	0	103,605			
926-A and G Loads	273,110	0	0	0	0	0	0	0	0	0	273,110			
928-AFUDC Debt Reg	40,000	1,199	0	0	0	0	0	0	0	0	41,199			
929-AFUDC - Equity Regular	54,983	1,713	0	0	0	0	0	0	0	0	56,696			
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0			
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0			
Cost Sum	3,845,977	2,912	0	0	0	0	0	0	0	0	3,848,889			
825-Clearings	-3,380,498	-468,391	0	0	0	0	0	0	0	0	-3,848,889			
Clr Sum	-3,380,498	-468,391	0	0	0	0	0	0	0	0	-3,848,889			
Proj Net	465,479	-465,479	0	0	0	0	0	0	0	0	0			

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	64807213	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	101,729	0	0	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	119,729
	120-Overtime-General	19,930	0	0	0	0	0	0	0	0	0	0	0	0	19,930
	350-Material Issues-Major	599,931	0	0	0	0	0	0	0	0	5,000	5,000	5,000	5,000	619,931
	370-Outside Services	2,510,169	0	0	0	0	0	0	0	0	0	15,000	20,000	15,000	2,560,169
	374-Outside Svcs Legal	15,173	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	0	35,173
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	59,057	0	0	0	0	0	0	0	0	0	0	0	0	59,057
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes-Load	8,045	0	0	0	140	140	140	140	140	140	140	140	140	9,305
	914-Pension and Benefits Load	30,908	0	0	0	446	446	446	446	446	446	446	446	446	34,922
	915-Injuries and Damages Load	8,066	0	0	0	135	135	135	135	135	135	135	135	135	9,281
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	21,272	0	0	0	0	0	0	0	0	234	234	234	234	22,208
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	103,605	60	60	60	142	142	142	142	142	292	742	832	682	107,043
	926-A and G Loads	273,110	166	166	166	333	333	333	333	333	749	1,997	2,246	1,830	282,095
	928-AFUDC Debt Reg	41,199	2	6	10	16	25	35	44	5	19	53	104	154	41,672
	929-AFUDC - Equity Regular	56,696	0	0	0	0	0	0	0	0	0	0	0	0	56,696
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,848,889	2,228	2,232	2,236	5,212	5,221	5,231	5,240	5,201	11,015	27,747	31,137	25,621	3,977,210
	825-Clearings	-3,848,889	0	0	0	0	0	0	-27,598	0	0	0	0	-50,358	-3,926,845
	Clr Sum	-3,848,889	0	0	0	0	0	0	-27,598	0	0	0	0	-50,358	-3,926,845
	Proj Net	0	2,228	2,232	2,236	5,212	5,221	5,231	-22,358	5,201	11,015	27,747	31,137	-24,737	50,365

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	64807213	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	119,729	4,000	4,000	0	0	0	0	0	0	0	0	0	0	127,729
	120-Overtime-General	19,930	0	0	0	0	0	0	0	0	0	0	0	0	19,930
	350-Material Issues-Major	619,931	20,000	20,000	0	0	0	0	0	0	0	0	0	0	659,931
	370-Outside Services	2,560,169	0	5,000	0	0	0	0	0	0	0	0	0	0	2,565,169
	374-Outside Svcs Legal	35,173	0	0	0	0	0	0	0	0	0	0	0	0	35,173
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	59,057	0	0	0	0	0	0	0	0	0	0	0	0	59,057
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	9,305	280	280	0	0	0	0	0	0	0	0	0	0	9,865
	914-Pension and Benefits Load	34,922	893	893	0	0	0	0	0	0	0	0	0	0	36,708
	915-Injuries and Damages Load	9,281	269	269	0	0	0	0	0	0	0	0	0	0	9,819
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	22,208	934	934	0	0	0	0	0	0	0	0	0	0	24,076
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	107,043	763	913	0	0	0	0	0	0	0	0	0	0	108,719
	926-A and G Loads	282,095	1,997	2,413	0	0	0	0	0	0	0	0	0	0	286,505
	928-AFUDC Debt Reg	41,672	206	308	0	0	0	0	0	0	0	0	0	0	42,186
	929-AFUDC - Equity Regular	56,696	122	182	0	0	0	0	0	0	0	0	0	0	57,000
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM R D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,977,210	29,464	35,192	0	0	0	0	0	0	0	0	0	0	4,041,866
	825-Clearings	-3,926,845	0	0	0	0	0	0	0	0	0	0	0	0	-3,926,845
	Clr Sum	-3,926,845	0	0	0	0	0	0	0	0	0	0	0	0	-3,926,845
	Proj Net	50,365	29,464	35,192	0	0	0	0	0	0	0	0	0	0	115,021

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Project No: 64807614 NERC Telecom Monitoring Project

Company: 002-Transmission Services

Location: 648 Transmission

Project Information

Construction Start Date 8/3/2015 Estimated Completion Date 12/31/2015

List Interim In-Service Dates

Project Need Justification

This project upgrades communications network monitoring platform on Path 48 switching stations to ensure NERC compliance.

We are upgrading NetGuardian monitoring to a combination of NetGuardian and Netsmart. This project will upgrade the monitoring platform from an old dot matrix printer to a new interface that shows up on Power Operations monitoring platform.

The older platform will not meet NERC requirements and is no longer supported by the manufacturer and therefore cannot be repaired. Network elements in the existing platform have been failing.

This platform integrates with the communications network that provides connectivity between power operations and remote RTU's monitoring the substations. The ability for Power Operations to see alarms in the communications network before those alarms cause network outages is a NERC requirement. This new platform meets that requirement.

The risk of a NERC violation is twofold. The existing interface for Power Operations is does not interface with the Power Operations platform which leaves the communications network without direct monitoring, and failures in the RTU's on site risks not being monitored due to lack of replacements.

Project Alternatives

One option is to continue to use existing platform which does not have proper software to integrate into Power Operations monitoring platform and risk a NERC violation.

Two platforms were considered, and are being implemented at different sites. Netguardian was chosen for the larger sites in which remote control was also required because Netguardian has this functionality. The Netsmart Platform is an addition to our sonet platform. This platform will be rolled out at the smaller sites because the cost per site was significantly less, but the platform also has less capability.

Technical Aspects

We are upgrading NetGuardian monitoring to a combination of NetGuardian and Netsmart. This project will upgrade the monitoring platform from an old dot matrix printer to a new interface that shows up on Power Operations monitoring platform.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	64807614	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	0	0	0	5,000	10,000	10,000	10,000	10,000	10,000	10,000	65,000		
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0		
350-Material Issues-Major	0	0	0	90,000	20,000	20,000	5,000	5,000	3,000	0	143,000		
370-Outside Services	0	0	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	0	0	0	350	700	700	700	700	700	700	4,550		
914-Pension and Benefits Load	0	0	0	1,116	2,232	2,232	2,232	2,232	2,232	2,232	14,508		
915-Injuries and Damages Load	0	0	0	337	673	673	673	673	673	673	4,375		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	0	0	0	4,203	934	934	234	234	140	0	6,678		
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0		
925-E and S Loads	0	0	0	3,204	1,308	1,308	858	858	796	708	9,043		
926-A and G Loads	0	0	0	8,736	3,328	3,328	2,080	2,080	1,914	1,664	23,130		
928-AFUDC Debt Reg	0	0	0	158	381	510	618	704	787	863	4,021		
929-AFUDC - Equity Regular	0	0	0	226	544	729	882	1,004	1,123	1,232	5,741		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	0	0	0	123,330	50,101	50,414	33,276	33,485	31,367	28,073	350,045		
825-Clearings	0	0	0	0	0	0	0	0	0	0	0		
Clr Sum	0	0	0	0	0	0	0	0	0	0	0		
Proj Net	0	0	0	123,330	50,101	50,414	33,276	33,485	31,367	28,073	350,045		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	64807614	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	65,000	0	0	0	0	0	0	0	0	0	0	0	0	65,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	143,000	0	0	0	0	0	0	0	0	0	0	0	0	143,000
	370-Outside Services	70,000	0	0	0	0	0	0	0	0	0	0	0	0	70,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,550	0	0	0	0	0	0	0	0	0	0	0	0	4,550
	914-Pension and Benefits Load	14,508	0	0	0	0	0	0	0	0	0	0	0	0	14,508
	915-Injuries and Damages Load	4,375	0	0	0	0	0	0	0	0	0	0	0	0	4,375
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	6,678	0	0	0	0	0	0	0	0	0	0	0	0	6,678
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	9,043	0	0	0	0	0	0	0	0	0	0	0	0	9,043
	926-A and G Loads	23,130	0	0	0	0	0	0	0	0	0	0	0	0	23,130
	928-AFUDC Debt Reg	4,021	613	614	0	0	0	0	0	5,248	0	0	0	0	5,248
	929-AFUDC - Equity Regular	5,741	0	0	0	0	0	0	0	0	0	0	0	0	5,741
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	350,045	613	614	0	0	0	0	0	0	0	0	0	0	351,272
	825-Clearings	0	0	-351,272	0	0	0	0	0	0	0	0	0	0	-351,272
	Clr Sum	0	0	-351,272	0	0	0	0	0	0	0	0	0	0	-351,272
	Proj Net	350,045	613	-350,658	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	64807614	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	65,000	0	0	0	0	0	0	0	0	0	0	0	0	65,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	143,000	0	0	0	0	0	0	0	0	0	0	0	0	143,000
	370-Outside Services	70,000	0	0	0	0	0	0	0	0	0	0	0	0	70,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,550	0	0	0	0	0	0	0	0	0	0	0	0	4,550
	914-Pension and Benefits Load	14,508	0	0	0	0	0	0	0	0	0	0	0	0	14,508
	915-Injuries and Damages Load	4,375	0	0	0	0	0	0	0	0	0	0	0	0	4,375
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	6,678	0	0	0	0	0	0	0	0	0	0	0	0	6,678
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	9,043	0	0	0	0	0	0	0	0	0	0	0	0	9,043
	926-A and G Loads	23,130	0	0	0	0	0	0	0	0	0	0	0	0	23,130
	928-AFUDC Debt Reg	5,248	0	0	0	0	0	0	0	0	0	0	0	0	5,248
	929-AFUDC - Equity Regular	5,741	0	0	0	0	0	0	0	0	0	0	0	0	5,741
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	351,272	0	0	0	0	0	0	0	0	0	0	0	0	351,272
	825-Clearings	-351,272	0	0	0	0	0	0	0	0	0	0	0	0	-351,272
	Clr Sum	-351,272	0	0	0	0	0	0	0	0	0	0	0	0	-351,272
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 64807714 Eastern Communication System

Company: 002-Transmission Services

Location: 648 Transmission

Project Information

Construction Start Date 7/31/2015

Estimated Completion Date 12/31/2015

List Interim In-Service Dates

Each WO is closed as completed, with an estimated 4 clearings per year.

Project Need Justification

The Eastern Microwave System provides communication from switchyards on the eastern side of the state to control centers. This allows operators to have visibility of system performance and to operate equipment remotely as needed. This project addresses enhancements and upgrades to microwave systems serving major facilities in Eastern part of the state. Typical components that must be replaced include radios, antennas, and switches. In many cases this equipment is no longer supported by the vendor or has reached end of useful life. The communications system is key to the operation and protection of the 345kV system, including interconnection with other utilities and generators.

Project Alternatives

Continue to operate on the legacy radio system and risk a failure requiring spares or technical support that is no longer available. Due to the critical nature of generators and other interconnections on this system, the risk of an extended communications outage is not viable. Project improvement alternatives are evaluated on a case-by-case basis in terms of advantages provided and total owning costs. Issues that are evaluated include ability to meet performance objectives, anticipated useful life of the project, system standardization, schedule, and maintenance requirements.

Technical Aspects

Technical aspects are considered on a task by task basis, but might include improved communication network reliability, NERC requirements and the inclusion of new technologies into the communication platform. NEC is a large and established communications company that will be able to support PNM in the long term NEC equipment is highly reliable and the company provides free technical and spares support, resulting in significant O&M savings. NEC's nearest competitor Aviat, charges for both. Equipment electronics were installed mainly by PNM personnel. In many cases, new antenna systems were required as part of the replacement. These replacements were completed by contractors.

Cost Year 01

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	64807714	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	8,623	0	0	0	0	0	0	0	0	0	0	0	0	8,623
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	64,439	0	0	0	0	0	0	0	0	0	0	0	0	64,439
	370-Outside Services	181,400	0	0	0	0	0	0	0	0	0	0	0	0	181,400
	374-Outside Svcs Legal	1,541	0	0	0	0	0	0	0	0	0	0	0	0	1,541
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	603	0	0	0	0	0	0	0	0	0	0	0	0	603
	914-Pension and Benefits Load	1,928	0	0	0	0	0	0	0	0	0	0	0	0	1,928
	915-Injuries and Damages Load	580	0	0	0	0	0	0	0	0	0	0	0	0	580
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,567	0	0	0	0	0	0	0	0	0	0	0	0	2,567
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	7,810	0	0	0	0	0	0	0	0	0	0	0	0	7,810
	926-A and G Loads	21,299	0	0	0	0	0	0	0	0	0	0	0	0	21,299
	928-AFUDC Debt Reg	8,851	0	0	0	0	0	0	0	0	0	0	0	0	8,851
	929-AFUDC - Equity Regular	12,698	0	0	0	0	0	0	0	0	0	0	0	0	12,698
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	312,343	0	0	0	0	0	0	0	0	0	0	0	0	312,343
	825-Clearings	-312,343	0	0	0	0	0	0	0	0	0	0	0	0	-312,343
	Clr Sum	-312,343	0	0	0	0	0	0	0	0	0	0	0	0	-312,343
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	64807714	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	8,623	0	0	0	0	0	0	0	0	0	0	0	0	8,623
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	64,439	0	0	0	0	0	0	0	0	0	0	0	0	64,439
	370-Outside Services	181,400	0	0	0	0	0	0	0	0	0	0	0	0	181,400
	374-Outside Svcs Legal	1,541	0	0	0	0	0	0	0	0	0	0	0	0	1,541
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	603	0	0	0	0	0	0	0	0	0	0	0	0	603
	914-Pension and Benefits Load	1,928	0	0	0	0	0	0	0	0	0	0	0	0	1,928
	915-Injuries and Damages Load	580	0	0	0	0	0	0	0	0	0	0	0	0	580
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,567	0	0	0	0	0	0	0	0	0	0	0	0	2,567
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	7,810	0	0	0	0	0	0	0	0	0	0	0	0	7,810
	926-A and G Loads	21,299	0	0	0	0	0	0	0	0	0	0	0	0	21,299
	928-AFUDC Debt Reg	8,851	0	0	0	0	0	0	0	0	0	0	0	0	8,851
	929-AFUDC - Equity Regular	12,698	0	0	0	0	0	0	0	0	0	0	0	0	12,698
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	312,343	0	0	0	0	0	0	0	0	0	0	0	0	312,343
	825-Clearings	-312,343	0	0	0	0	0	0	0	0	0	0	0	0	-312,343
	Clr Sum	-312,343	0	0	0	0	0	0	0	0	0	0	0	0	-312,343
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 64808513 2013 Microwave System Upgrade

Company: 002-Transmission Services

Location: 648 Transmission

Project Information

Construction Start Date 8/13/2013

Estimated Completion Date 3/31/2015

List Interim In-Service Dates

Each WO is closed as completed, with an estimated 4 clearings per year.

Project Need Justification

This project is a general blanket for enhancements and upgrades to the transmission microwave communications system of sub/switching stations. Typical work might include replacing radios or fiber systems which are no longer supported by the manufacturer and spares are no longer available.

Project Alternatives

One alternative is to continue to operate on the legacy radio systems, but this option risks a failure which would require spares or technical support that are no longer available.

At the project level, each improvement project is evaluated on a case-by-case basis. Alternative communication paths are evaluated based on cost level of operational control.

Technical Aspects

Technical aspects are considered on a task by task basis, but might include improved communication network reliability, NERC requirements and the inclusion of new technologies into the communication platform. This work includes the labor and material required to replace radios, antenna systems, licensing and design required to install communications network necessary for switching station communications.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	64808513	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	58,781	0	0	0	0	0	0	0	0	0	58,781	
	120-Overtime-General	6,886	0	0	0	0	0	0	0	0	0	6,886	
	350-Material Issues-Major	219,390	0	0	0	0	0	0	0	0	0	219,390	
	370-Outside Services	30,671	0	0	0	0	0	0	0	0	0	30,671	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	7,869	0	0	0	0	0	0	0	0	0	7,869	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	4,228	0	0	0	0	0	0	0	0	0	4,228	
	914-Pension and Benefits Load	16,494	0	0	0	0	0	0	0	0	0	16,494	
	915-Injuries and Damages Load	4,314	0	0	0	0	0	0	0	0	0	4,314	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	1,595	0	0	0	0	0	0	0	0	0	1,595	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	16,828	0	0	0	0	0	0	0	0	0	16,828	
	926-A and G Loads	26,457	0	0	0	0	0	0	0	0	0	26,457	
	928-AFUDC Debt Reg	12,710	208	0	0	0	0	0	0	0	0	12,917	
	929-AFUDC - Equity Regular	17,296	296	0	0	0	0	0	0	0	0	17,592	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	423,518	504	0	0	0	0	0	0	0	0	424,022	
	825-Clearings	-342,950	-81,072	0	0	0	0	0	0	0	0	-424,022	
	Clr Sum	-342,950	-81,072	0	0	0	0	0	0	0	0	-424,022	
	Proj Net	80,568	-80,568	0	0	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 64808513	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	58,781	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	0	0	128,781
120-Overtime-General	6,886	0	0	0	0	0	0	0	0	0	0	0	0	6,886
350-Material Issues-Major	219,390	0	150,000	30,000	30,000	0	0	0	0	0	0	0	0	429,390
370-Outside Services	30,671	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	150,671
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	7,869	0	0	0	0	0	0	0	0	0	0	0	0	7,869
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	4,228	700	700	700	700	700	700	700	0	0	0	0	0	9,128
914-Pension and Benefits Load	16,494	2,232	2,232	2,232	2,232	2,232	2,232	2,232	0	0	0	0	0	32,118
915-Injuries and Damages Load	4,314	673	673	673	673	673	673	673	0	0	0	0	0	9,025
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	1,595	0	7,005	1,401	1,401	0	0	0	0	0	0	0	0	11,402
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	16,828	1,008	5,508	1,908	1,908	1,008	1,008	408	0	0	0	0	0	29,584
926-A and G Loads	26,457	2,496	14,976	4,992	4,992	2,496	2,496	832	0	0	0	0	0	59,737
928-AFUDC Debt Reg	12,917	32	250	498	624	721	787	834	848	0	0	0	0	17,511
929-AFUDC - Equity Regular	17,592	0	0	0	0	0	0	0	0	0	0	0	0	17,592
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	424,022	37,141	211,344	72,404	72,530	37,830	37,896	15,679	848	0	0	0	0	909,694
825-Clearings	-424,022	0	0	0	0	0	0	0	-485,674	0	0	0	0	-909,696
Clr Sum	-424,022	0	0	0	0	0	0	0	-485,674	0	0	0	0	-909,696
Proj Net	0	37,141	211,344	72,404	72,530	37,830	37,896	15,679	-484,826	0	0	0	0	-2

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	64808513	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	128,781	0	0	0	0	0	0	0	0	0	0	0	0	128,781
	120-Overtime-General	6,886	0	0	0	0	0	0	0	0	0	0	0	0	6,886
	350-Material Issues-Major	429,390	0	0	0	0	0	0	0	0	0	0	0	0	429,390
	370-Outside Services	150,671	0	0	0	0	0	0	0	0	0	0	0	0	150,671
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	7,869	0	0	0	0	0	0	0	0	0	0	0	0	7,869
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	9,128	0	0	0	0	0	0	0	0	0	0	0	0	9,128
	914-Pension and Benefits Load	32,118	0	0	0	0	0	0	0	0	0	0	0	0	32,118
	915-Injuries and Damages Load	9,025	0	0	0	0	0	0	0	0	0	0	0	0	9,025
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	11,402	0	0	0	0	0	0	0	0	0	0	0	0	11,402
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	29,584	0	0	0	0	0	0	0	0	0	0	0	0	29,584
	926-A and G Loads	59,737	0	0	0	0	0	0	0	0	0	0	0	0	59,737
	928-AFUDC Debt Reg	17,511	0	0	0	0	0	0	0	0	0	0	0	0	17,511
	929-AFUDC - Equity Regular	17,592	0	0	0	0	0	0	0	0	0	0	0	0	17,592
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	909,694	0	0	0	0	0	0	0	0	0	0	0	0	909,694
	825-Clearings	-909,696	0	0	0	0	0	0	0	0	0	0	0	0	-909,696
	Clr Sum	-909,696	0	0	0	0	0	0	0	0	0	0	0	0	-909,696
	Proj Net	-2	0	0	0	0	0	0	0	0	0	0	0	0	-2

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Project No: 64830013 Specialty Equip and Vehicle Co 002

Company: 002-Transmission Services

Location: 648 Transmission

Project Information

Construction Start Date 8/29/2013

Estimated Completion Date 11/20/2019

List Interim In-Service Dates

2 times per year:

Project Need Justification

Purchase specialty Transmission Line Equipment and Vehicles needed to perform necessary capital and maintenance work on PNM's 115kV and 345kV transmission system. This equipment needs to be designed and built to accommodate the rough terrain and access issues to the transmission lines and system across the state of NM. 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

Given the special design and features of this transmission line equipment, this equipment is not available for short term lease and/or could not be mobilized in an adequate time frame to accommodate emergent system failures. Manufactures do not carry an inventory of this type of specialty equipment. This equipment is built specifically to PNM's design specifications to accommodate the type of work, and locations of the work that must be performed on PNM's transmission system. 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.

Specifications for individual purchase are developed with several criteria in mind including vendor experience with PNM and/or other utilities, ability to standardize equipment, ease of operation, warranty, and critical work requirements. In conjunction with PNM's Fleet Department, bids are solicited and evaluated prior to commitment of funds.

Technical Aspects

Some of the specialty equipment includes transmission line trucks with extended booms for all terrain use. In addition, devices allowing energized phases to be moved out of the way during pole replacement. This tool allows customers to continue to be served while maintenance work is performed.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	64830013	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	869	0	0	0	0	0	0	0	0	0	869	
	120-Overtime-General	91	0	0	0	0	0	0	0	0	0	91	
	350-Material Issues-Major	2,171,093	0	0	0	0	0	0	0	0	0	2,171,093	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	23,609	0	0	0	0	0	0	0	0	0	23,609	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	20,722	2,367	2,378	0	0	0	0	0	0	0	25,467	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	120	0	0	0	0	0	0	0	0	0	120	
	914-Pension and Benefits Load	371	0	0	0	0	0	0	0	0	0	371	
	915-Injuries and Damages Load	83	0	0	0	0	0	0	0	0	0	83	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	14,023	0	0	0	0	0	0	0	0	0	14,023	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	182,893	0	0	0	0	0	0	0	0	0	182,893	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	2,413,874	2,367	2,378	0	0	0	0	0	0	0	2,418,619	
	825-Clearings	-1,890,457	0	-528,162	0	0	0	0	0	0	0	-2,418,619	
	Clr Sum	-1,890,457	0	-528,162	0	0	0	0	0	0	0	-2,418,619	
	Proj Net	523,418	2,367	-525,785	0	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	64830013	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	869	0	0	0	0	0	0	0	0	0	0	0	0	869
	120-Overtime-General	91	0	0	0	0	0	0	0	0	0	0	0	0	91
	350-Material Issues-Major	2,171,093	0	0	0	0	0	0	0	0	0	0	0	0	2,171,093
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	.0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	23,609	0	0	0	0	0	0	0	0	0	0	0	0	23,609
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	25,467	0	0	0	0	0	0	0	0	0	0	0	0	25,467
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	120	0	0	0	0	0	0	0	0	0	0	0	0	120
	914-Pension and Benefits Load	371	0	0	0	0	0	0	0	0	0	0	0	0	371
	915-Injuries and Damages Load	83	0	0	0	0	0	0	0	0	0	0	0	0	83
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	14,023	0	0	0	0	0	0	0	0	0	0	0	0	14,023
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	182,893	0	0	0	0	0	0	0	0	0	0	0	0	182,893
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,418,619	0	0	0	0	0	0	0	0	0	0	0	0	2,418,619
	825-Clearings	-2,418,619	0	0	0	0	0	0	0	0	0	0	0	0	-2,418,619
	Clr Sum	-2,418,619	0	0	0	0	0	0	0	0	0	0	0	0	-2,418,619

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	64830013	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	869	0	0	0	0	0	0	0	0	0	0	0	0	869
	120-Overtime-General	91	0	0	0	0	0	0	0	0	0	0	0	0	91
	350-Material Issues-Major	2,171,093	0	0	0	0	0	0	0	0	0	0	0	0	2,171,093
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	23,609	0	0	0	0	0	0	0	0	0	0	0	0	23,609
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	25,467	0	0	0	0	0	0	0	0	0	0	0	0	25,467
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	120	0	0	0	0	0	0	0	0	0	0	0	0	120
	914-Pension and Benefits Load	371	0	0	0	0	0	0	0	0	0	0	0	0	371
	915-Injuries and Damages Load	83	0	0	0	0	0	0	0	0	0	0	0	0	83
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	14,023	0	0	0	0	0	0	0	0	0	0	0	0	14,023
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	182,893	0	0	0	0	0	0	0	0	0	0	0	0	182,893
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,418,619	0	0	0	0	0	0	0	0	0	0	0	0	2,418,619
	825-Clearings	-2,418,619	0	0	0	0	0	0	0	0	0	0	0	0	-2,418,619
	Clr Sum	-2,418,619	0	0	0	0	0	0	0	0	0	0	0	0	-2,418,619
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65007016 Los Morros

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 1/15/2014

Estimated Completion Date 3/31/2015

List Interim In-Service Dates

NA

Project Need Justification

This project is needed to improve the reliability and maintainability of the Los Morros Substation and the WB line. In the event of a permanent fault on the WB line, the entire line including Los Morros Substation would be forced out of service until the fault is found and isolated. In 2012, this occurred three separate times, with each event resulting in an outage of approximately 1-4 hours. Furthermore, due to the magnitude of the load on the two Los Morros 115-12.47 KV distribution transformers, it is not usually possible to accomplish full restoration via distribution switching to adjacent stations.

Project Alternatives

There are only two unit transformers on the 35 mile WB line between West Mesa station in Albuquerque, and Belen station in Belen, and they are both located within the walls of Los Morros substation. There are no other cost effective and technically preferred alternatives to be able to segment the line between these two transformers to ensure that one of the transformers can be kept in-service in the event of a planned or unplanned outage on the line. The only other alternative is to do nothing, which could cause extended power outages for customers due to lack of backup feeder tie capacity during an outage of the WB transmission line.

Technical Aspects

This project will install a 115 kV breaker at the Los Morros Substation that will allow PNM to electrically separate the two unit substations transformers for outages on the 115kV WB line. The 115 KV breaker will allow Los Morros substation to be served radial from either West Mesa or Belen in the event of a line outage or planned maintenance, ensuring a source of electricity for the area.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65007016	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	190,311		10,000	10,000	0	0	0	0	0	0	0	210,311
	120-Overtime-General	36,603		0	0	0	0	0	0	0	0	0	36,603
	350-Material Issues-Major	300,912		0	0	0	0	0	0	0	0	0	300,912
	370-Outside Services	550,767		0	0	0	0	0	0	0	0	0	550,767
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	55,309		0	0	0	0	0	0	0	0	0	55,309
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	15,224		700	700	0	0	0	0	0	0	0	16,624
	914-Pension and Benefits Load	55,929		2,232	2,232	0	0	0	0	0	0	0	60,393
	915-Injuries and Damages Load	15,101		673	673	0	0	0	0	0	0	0	16,447
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	5,611		0	0	0	0	0	0	0	0	0	5,611
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	77,184		408	408	0	0	0	0	0	0	0	78,000
	926-A and G Loads	89,832		832	832	0	0	0	0	0	0	0	91,496
	928-AFUDC Debt Reg	13,334		610	652	675	0	0	0	0	0	0	15,270
	929-AFUDC - Equity Regular	17,297		870	930	964	0	0	0	0	0	0	20,061
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,423,413		16,325	16,427	1,638	0	0	0	0	0	0	1,457,804
	825-Clearings	-1,194,280		0	0	-263,524	0	0	0	0	0	0	-1,457,804
	Clr Sum	-1,194,280		0	0	-263,524	0	0	0	0	0	0	-1,457,804
	Proj Net	229,133		16,325	16,427	-261,885	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65007016	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	210,311	0	0	0	0	0	0	0	0	0	0	0	0	210,311
	120-Overtime-General	36,603	0	0	0	0	0	0	0	0	0	0	0	0	36,603
	350-Material Issues-Major	300,912	0	0	0	0	0	0	0	0	0	0	0	0	300,912
	370-Outside Services	550,767	0	0	0	0	0	0	0	0	0	0	0	0	550,767
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	55,309	0	0	0	0	0	0	0	0	0	0	0	0	55,309
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	16,624	0	0	0	0	0	0	0	0	0	0	0	0	16,624
	914-Pension and Benefits Load	60,393	0	0	0	0	0	0	0	0	0	0	0	0	60,393
	915-Injuries and Damages Load	16,447	0	0	0	0	0	0	0	0	0	0	0	0	16,447
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	5,611	0	0	0	0	0	0	0	0	0	0	0	0	5,611
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	78,000	0	0	0	0	0	0	0	0	0	0	0	0	78,000
	926-A and G Loads	91,496	0	0	0	0	0	0	0	0	0	0	0	0	91,496
	928-AFUDC Debt Reg	15,270	0	0	0	0	0	0	0	0	0	0	0	0	15,270
	929-AFUDC - Equity Regular	20,061	0	0	0	0	0	0	0	0	0	0	0	0	20,061
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,457,804	0	0	0	0	0	0	0	0	0	0	0	0	1,457,804
	825-Clearings	-1,457,804	0	0	0	0	0	0	0	0	0	0	0	0	-1,457,804
	Clr Sum	-1,457,804	0	0	0	0	0	0	0	0	0	0	0	0	-1,457,804
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65007016	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	210,311	0	0	0	0	0	0	0	0	0	0	0	0	210,311
	120-Overtime-General	36,603	0	0	0	0	0	0	0	0	0	0	0	0	36,603
	350-Material Issues-Major	300,912	0	0	0	0	0	0	0	0	0	0	0	0	300,912
	370-Outside Services	550,767	0	0	0	0	0	0	0	0	0	0	0	0	550,767
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	55,309	0	0	0	0	0	0	0	0	0	0	0	0	55,309
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	16,624	0	0	0	0	0	0	0	0	0	0	0	0	16,624
	914-Pension and Benefits Load	60,393	0	0	0	0	0	0	0	0	0	0	0	0	60,393
	915-Injuries and Damages Load	16,447	0	0	0	0	0	0	0	0	0	0	0	0	16,447
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	5,611	0	0	0	0	0	0	0	0	0	0	0	0	5,611
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	78,000	0	0	0	0	0	0	0	0	0	0	0	0	78,000
	926-A and G Loads	91,496	0	0	0	0	0	0	0	0	0	0	0	0	91,496
	928-AFUDC Debt Reg	15,270	0	0	0	0	0	0	0	0	0	0	0	0	15,270
	929-AFUDC - Equity Regular	20,061	0	0	0	0	0	0	0	0	0	0	0	0	20,061
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,457,804	0	0	0	0	0	0	0	0	0	0	0	0	1,457,804
	825-Clearings	-1,457,804	0	0	0	0	0	0	0	0	0	0	0	0	-1,457,804
	Clr Sum	-1,457,804	0	0	0	0	0	0	0	0	0	0	0	0	-1,457,804
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65007314 La Morada Tap

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 1/1/2014

Estimated Completion Date 7/31/2015

List Interim In-Service Dates

na

Project Need Justification

This project is to build a new transmission tap to connect the new La Morada Substation to the transmission system. The purpose of La Morada Substation is to provide normal and backup capacity in the area currently served by St. Joseph & Unser substations in Albuquerque, NM. Currently, for an outage of St. Joseph 12 and Unser 14, there is a risk of leaving load unserved during an outage of either St. Joseph or Unser Substations.

The types of costs that are covered by the project funds are internal labor, external labor, materials, equipment, and ROW.

Project Alternatives

One alternative considered was to locate the substation at 98th and Ladera. The project selected is the preferred alternative because of the centralized location to existing load. The 98th and Ladera location is southwest of the Project and would primarily support future growth to the west of 98th and Ladera. If this alternative was chosen only two of four feeders from a 98th and Ladera Substation could be effectively used to unload Unser feeder 14 and to provide backup support to the area.

A second alternative considered was to install a second transformer at the existing Unser Substation. The transformer could be used to provide backup support for an Unser Unit I transformer outage. However, there are physical impediments on both sides of Unser substation limiting feeder routes. The Ladera Golf Course to the east of Unser makes it difficult for Unser Unit II feeders to support a St Joseph Substation outage. The Petroglyph National Monument to the west does not allow Unser Unit II feeders to support load growth west of Unser Substation. Also costly express feeders would need to be built to support load growth to the south of Unser Substation making this option unviable.

Technical Aspects

Provide transmission service to the new La Mirada Substation from the 115kV WB line, which exits West Mesa Station and crosses Unser Blvd. near the proposed location.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65007314	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	3,468	6,097	4,791	5,226	34,355	436	0	0	0	0	54,373	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	45,251	0	0	0	0	0	0	0	0	0	45,251	
	370-Outside Services	0	54,521	55,665	35,162	0	0	0	0	0	0	145,348	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	141	0	0	0	0	0	0	0	0	0	141	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	238	427	335	366	2,405	31	0	0	0	0	3,802	
	914-Pension and Benefits Load	796	1,361	1,069	1,166	7,668	97	0	0	0	0	12,158	
	915-Injuries and Damages Load	232	410	322	352	2,312	29	0	0	0	0	3,658	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	300	0	0	0	0	0	0	0	0	0	300	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	1,748	1,884	1,865	1,268	1,402	18	0	0	0	0	8,187	
	926-A and G Loads	4,053	5,043	5,030	3,360	2,858	36	0	0	0	0	20,382	
	928-AFUDC Debt Reg	102	235	416	568	697	768	0	0	0	0	2,786	
	929-AFUDC - Equity Regular	154	336	594	811	996	1,097	0	0	0	0	3,987	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	56,483	70,315	70,088	48,279	52,694	2,513	0	0	0	0	300,372	
	825-Clearings	0	0	0	0	0	-300,372	0	0	0	0	-300,372	
	Clr Sum	0	0	0	0	0	-300,372	0	0	0	0	-300,372	
	Proj Net	56,483	70,315	70,088	48,279	52,694	-297,859	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65007314	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	54,373	0	0	0	0	0	0	0	0	0	0	0	0	54,373
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	45,251	0	0	0	0	0	0	0	0	0	0	0	0	45,251
	370-Outside Services	145,348	0	0	0	0	0	0	0	0	0	0	0	0	145,348
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	141	0	0	0	0	0	0	0	0	0	0	0	0	141
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,802	0	0	0	0	0	0	0	0	0	0	0	0	3,802
	914-Pension and Benefits Load	12,158	0	0	0	0	0	0	0	0	0	0	0	0	12,158
	915-Injuries and Damages Load	3,658	0	0	0	0	0	0	0	0	0	0	0	0	3,658
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	300	0	0	0	0	0	0	0	0	0	0	0	0	300
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	8,187	0	0	0	0	0	0	0	0	0	0	0	0	8,187
	926-A and G Loads	20,382	0	0	0	0	0	0	0	0	0	0	0	0	20,382
	928-AFUDC Debt Reg	2,786	0	0	0	0	0	0	0	0	0	0	0	0	2,786
	929-AFUDC - Equity Regular	3,987	0	0	0	0	0	0	0	0	0	0	0	0	3,987
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	300,372	0	0	0	0	0	0	0	0	0	0	0	0	300,372
	825-Clearings	-300,372	0	0	0	0	0	0	0	0	0	0	0	0	-300,372
	Clr Sum	-300,372	0	0	0	0	0	0	0	0	0	0	0	0	-300,372
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65007314	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	54,373	0	0	0	0	0	0	0	0	0	0	0	0	54,373
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	45,251	0	0	0	0	0	0	0	0	0	0	0	0	45,251
	370-Outside Services	145,348	0	0	0	0	0	0	0	0	0	0	0	0	145,348
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	141	0	0	0	0	0	0	0	0	0	0	0	0	141
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,802	0	0	0	0	0	0	0	0	0	0	0	0	3,802
	914-Pension and Benefits Load	12,158	0	0	0	0	0	0	0	0	0	0	0	0	12,158
	915-Injuries and Damages Load	3,658	0	0	0	0	0	0	0	0	0	0	0	0	3,658
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	300	0	0	0	0	0	0	0	0	0	0	0	0	300
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	8,187	0	0	0	0	0	0	0	0	0	0	0	0	8,187
	926-A and G Loads	20,382	0	0	0	0	0	0	0	0	0	0	0	0	20,382
	928-AFUDC Debt Reg	2,786	0	0	0	0	0	0	0	0	0	0	0	0	2,786
	929-AFUDC - Equity Regular	3,987	0	0	0	0	0	0	0	0	0	0	0	0	3,987
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	300,372	0	0	0	0	0	0	0	0	0	0	0	0	300,372
	825-Clearings	-300,372	0	0	0	0	0	0	0	0	0	0	0	0	-300,372
	Clr Sum	-300,372	0	0	0	0	0	0	0	0	0	0	0	0	-300,372
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Project No: 65007713 Trans Sub Ground Repairs

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 4/4/2012

Estimated Completion Date 12/20/2018

List Interim In-Service Dates

Work at each affected station will be cleared to plant as work is completed. Estimates 4 stations per year.

Project Need Justification

Vandalism and metal theft continues to occur on PNM's transmission system which creates potentially unsafe operations and safety risks for PNM field employees. The typical repairs are both time consuming and expensive, however, they must be performed quickly in order to eliminate the safety risks caused by the thefts. Loss of the grounding system can result in misoperation of certain protective relays, damage equipment, and loss of ability to serve load.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

PNM considered and evaluated various alternatives to provide a hardened grounding system that is not as susceptible to damage and to minimize vandalism. Mitigation measures may vary based on site conditions. However, the "no action" alternative is not feasible in this case as the system must be returned to a safe condition.

Technical Aspects

The typical repairs required for vandalism and metal theft include the replacement of metal downleads and repair/replacement of damaged equipment. PNM utilizes multiple methods for hardening the grounding system, including the use of copperweld, covering downleads, or camouflaging downleads. Other mitigation may also be considered such as alarms or hardened fencing, gates, and locks.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65007713	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	30,024		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	48,024
	120-Overtime-General	856		0	0	0	0	0	0	0	0	0	856
	350-Material Issues-Major	0		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	9,000
	370-Outside Services	1,171,709		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	1,225,709
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	3,027		0	0	0	0	0	0	0	0	0	3,027
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	986		140	140	140	140	140	140	140	140	140	2,246
	914-Pension and Benefits Load	3,676		446	446	446	446	446	446	446	446	446	7,693
	915-Injuries and Damages Load	943		135	135	135	135	135	135	135	135	135	2,154
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	7,023		47	47	47	47	47	47	47	47	47	7,443
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	78,791		292	292	292	292	292	292	292	292	292	81,416
	926-A and G Loads	86,244		749	749	749	749	749	749	749	749	749	92,983
	928-AFUDC Debt Reg	7,614		474	505	536	291	320	350	197	14	42	10,343
	929-AFUDC- Equity Regular	10,776		677	721	766	415	457	500	281	20	60	14,673
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,401,668		11,960	12,035	12,110	11,514	11,586	11,658	11,287	10,842	10,910	1,505,568
	825-Clearings	-1,222,995		0	0	-107,389	0	0	-71,073	-82,360	0	-16,314	-1,500,130
	Clr Sum	-1,222,995		0	0	-107,389	0	0	-71,073	-82,360	0	-16,314	-1,500,130
	Proj Net	178,673		11,960	12,035	-95,279	11,514	11,586	-59,415	-71,073	10,842	-5,404	5,438

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 65007713	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	48,024	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	72,024
120-Overtime-General	856	0	0	0	0	0	0	0	0	0	0	0	0	856
350-Material Issues-Major	9,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	69,000
370-Outside Services	1,225,709	5,000	10,000	5,000	10,000	5,000	10,000	5,000	7,000	5,000	5,000	5,000	5,000	1,302,709
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	3,027	0	0	0	0	0	0	0	0	0	0	0	0	3,027
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	2,246	140	140	140	140	140	140	140	140	140	140	140	140	3,926
914-Pension and Benefits Load	7,693	446	446	446	446	446	446	446	446	446	446	446	446	13,045
915-Injuries and Damages Load	2,154	135	135	135	135	135	135	135	135	135	135	135	135	3,774
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	7,443	234	234	234	234	234	234	234	234	234	234	234	234	10,251
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	81,416	382	532	382	532	382	532	382	442	382	382	382	382	86,510
926-A and G Loads	92,983	998	1,414	998	1,414	998	1,414	998	1,165	998	998	998	998	106,374
928-AFUDC Debt Reg	10,343	22	52	82	65	95	125	84	111	138	88	113	139	11,457
929-AFUDC - Equity Regular	14,673	0	0	0	0	0	0	0	0	0	0	0	0	14,673
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,505,568	14,357	19,953	14,417	19,966	14,430	20,026	14,419	16,673	14,473	14,423	14,448	14,474	1,697,627
825-Clearings	-1,500,130	0	0	-27,082	0	0	-40,751	0	0	-43,157	0	0	-64,875	-1,675,995
Clr Sum	-1,500,130	0	0	-27,082	0	0	-40,751	0	0	-43,157	0	0	-64,875	-1,675,995
Proj Net	5,438	14,357	19,953	-12,665	19,966	14,430	-20,725	14,419	16,673	-28,684	14,423	14,448	-50,401	21,632

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65007713	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	72,024	10,000	10,000	0	0	0	0	0	0	0	0	0	0	92,024
	120-Overtime-General	856	0	0	0	0	0	0	0	0	0	0	0	0	856
	350-Material Issues-Major	69,000	0	0	0	0	0	0	0	0	0	0	0	0	69,000
	370-Outside Services	1,302,709	0	0	0	0	0	0	0	0	0	0	0	0	1,302,709
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	3,027	0	0	0	0	0	0	0	0	0	0	0	0	3,027
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,926	700	700	0	0	0	0	0	0	0	0	0	0	5,326
	914-Pension and Benefits Load	13,045	2,232	2,232	0	0	0	0	0	0	0	0	0	0	17,509
	915-Injuries and Damages Load	3,774	673	673	0	0	0	0	0	0	0	0	0	0	5,120
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	10,251	0	0	0	0	0	0	0	0	0	0	0	0	10,251
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	86,510	408	408	0	0	0	0	0	0	0	0	0	0	87,326
	926-A and G Loads	106,374	832	832	0	0	0	0	0	0	0	0	0	0	108,038
	928-AFUDC Debt Reg	11,457	92	139	0	0	0	0	0	0	0	0	0	0	11,688
	929-AFUDC - Equity Regular	14,673	54	83	0	0	0	0	0	0	0	0	0	0	14,810
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,697,627	14,991	15,067	0	0	0	0	0	0	0	0	0	0	1,727,685
	825-Clearings	-1,675,995	0	0	0	0	0	0	0	0	0	0	0	0	-1,675,995
	Clr Sum	-1,675,995	0	0	0	0	0	0	0	0	0	0	0	0	-1,675,995
	Proj Net	21,632	14,991	15,067	0	0	0	0	0	0	0	0	0	0	51,690

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Project No: 65007815 Fiber Build Guadalupe Switching Station

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 7/31/2015

Estimated Completion Date 12/31/2016

List Interim In-Service Dates

Each WO is closed as completed, with an estimated 4 clearings per year.

Project Need Justification

When available, fiber optic communications are considered one of the fastest and typically most reliable systems for the real-time communications needed between switchyards and operations centers. Fiber system can also carry increased data associated with increased physical security (i.e. video cameras). This project is to secure a fiber optic communications link to Guadalupe Switching Station. Guadalupe is a key switchyard including reactive power devices and a generation interconnection. Third party fiber is now located close to the site. Build out is approximately 8 miles and work includes end equipment.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

One alternative is to continue to operate on the existing legacy systems including radio and third party telephone. Even with improvements, these system will do not meet today's and tomorrow's operational and needs. This project takes advantage of significant prior fiber optic investments and is what's referred to a "last mile" project (i.e. Getting the fiber from an existing location the last few miles into the PNM facilities).

Technical Aspects

Install underground and overhead fiber from existing connection point to station. Estimated 5.24 miles to existing fiber. Install needed end equipment including routers, splice boxes, conduit, etc.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65007815	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
914-Pension and Benefits Load		0	0	0	0	0	0	0	0	0	0	0	
915-Injuries and Damages Load		0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load		0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	0	0	0	0	0	0	0	0	0	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular		0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	0	0	0	0	0	0	0	0	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
Proj Net		0	0	0	0	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65007815	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	0	0	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	45,000	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	0	0	0	0	10,000	20,000	20,000	20,000	20,000	10,000	0	0	100,000	
370-Outside Services	0	0	0	0	0	0	10,000	20,000	20,000	20,000	20,000	15,000	0	105,000	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	0	0	0	350	350	350	350	350	350	350	350	350	0	3,150	
914-Pension and Benefits Load	0	0	0	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	0	10,044	
915-Injuries and Damages Load	0	0	0	337	337	337	337	337	337	337	337	337	0	3,033	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	0	0	0	0	0	467	934	934	934	934	467	0	0	4,670	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	0	0	204	204	504	1,104	1,404	1,404	1,404	1,104	654	0	7,986	
926-A and G Loads	0	0	0	416	416	1,248	2,912	3,744	3,744	3,744	2,912	1,664	0	20,800	
928-AFUDC Debt Reg	0	0	0	6	19	43	96	179	272	365	448	506	528	2,462	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	0	0	0	7,429	7,442	19,065	41,849	53,064	53,157	53,250	41,734	24,627	528	302,145	
825-Clearings	0	0	0	0	0	0	0	0	0	0	0	0	-302,141	-302,141	
Clr Sum	0	0	0	0	0	0	0	0	0	0	0	0	-302,141	-302,141	
Proj Net	0	0	0	7,429	7,442	19,065	41,849	53,064	53,157	53,250	41,734	24,627	-301,613	4	

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65007815	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	45,000	0	0	0	0	0	0	0	0	0	0	0	0	45,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000
	370-Outside Services	105,000	0	0	0	0	0	0	0	0	0	0	0	0	105,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,150	0	0	0	0	0	0	0	0	0	0	0	0	3,150
	914-Pension and Benefits Load	10,044	0	0	0	0	0	0	0	0	0	0	0	0	10,044
	915-Injuries and Damages Load	3,033	0	0	0	0	0	0	0	0	0	0	0	0	3,033
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	4,670	0	0	0	0	0	0	0	0	0	0	0	0	4,670
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	7,986	0	0	0	0	0	0	0	0	0	0	0	0	7,986
	926-A and G Loads	20,800	0	0	0	0	0	0	0	0	0	0	0	0	20,800
	928-AFUDC Debt Reg	2,462	0	0	0	0	0	0	0	0	0	0	0	0	2,462
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	302,145	0	0	0	0	0	0	0	0	0	0	0	0	302,145
	825-Clearings	-302,141	0	0	0	0	0	0	0	0	0	0	0	0	-302,141
	Clr Sum	-302,141	0	0	0	0	0	0	0	0	0	0	0	0	-302,141
	Proj Net	4	0	0	0	0	0	0	0	0	0	0	0	0	4

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Project No: 65007915 Rio Puerco NERC Upgrades

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 8/1/2015 Estimated Completion Date 7/31/2015

List Interim In-Service Dates

Project Need Justification

This project will add additional cameras and equipment for improved monitoring of the Rio Puerco Substation which is a NERC-regulated area. These improvements are in accordance with NERC CIP 006 (version 5), High Impact Bulk Electric Systems (BES) require two measures of access control and additional physical security requirements to ensure compliance are met. This area falls within the scope of CIP 006-5. This project will ensure that compliance is met and allows for increased security at the Substation and allow for remote monitoring at the Albuquerque Downtown Security Operations Center.

Project Alternatives

In order to meet NERC CIP 006-6 requirements, access control is required to be in place at Rio Puerco substation. The control house contains Physical Cyber Assets (PCA) for the BES Cyber System, where the vender would need to have access. Vendors with previous experience working in the Substation environment and who are currently under contract (for design, installation & maintenance) to perform these services were selected for the work. Working with new vendors would have increased the timing to address this issue, PNM would not have benefited from the competitive pricing of a long-term contract, and there would have been added risk due to not having experience with the new vender. Additionally, there would have not been any added benefit.

Technical Aspects

This project includes purchase of CCTV security cameras, and security access card readers, cameras, and DVR monitoring equipment. The corporate security supervisor will work with the supply chain analyst to obtain bids from outside contractors that will meet PNM's contractual needs, and meet the functional and economic requirements of the project.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65007915	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	73,765	73,765	0	0	0	0	0	0	147,530	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	2,213	2,213	0	0	0	0	0	0	4,426	
	926-A and G Loads	0	0	6,137	6,137	0	0	0	0	0	0	12,274	
	928-AFUDC Debt Reg	0	0	106	318	426	0	0	0	0	0	850	
	929-AFUDC - Equity Regular	0	0	151	454	608	0	0	0	0	0	1,213	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	82,372	82,887	1,034	0	0	0	0	0	166,293	
	825-Clearings	0	0	0	0	-166,293	0	0	0	0	0	-166,293	
	Clr Sum	0	0	0	0	-166,293	0	0	0	0	0	-166,293	
	Proj Net	0	0	82,372	82,887	-165,259	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65007915	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	147,530	0	0	0	0	0	0	0	0	0	0	0	0	147,530
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	4,426	0	0	0	0	0	0	0	0	0	0	0	0	4,426
	926-A and G Loads	12,274	0	0	0	0	0	0	0	0	0	0	0	0	12,274
	928-AFUDC Debt Reg	850	0	0	0	0	0	0	0	0	0	0	0	0	850
	929-AFUDC - Equity Regular	1,213	0	0	0	0	0	0	0	0	0	0	0	0	1,213
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	166,293	0	0	0	0	0	0	0	0	0	0	0	0	166,293
	825-Clearings	-166,293	0	0	0	0	0	0	0	0	0	0	0	0	-166,293
	Clr Sum	-166,293	0	0	0	0	0	0	0	0	0	0	0	0	-166,293
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65007915	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	147,530	0	0	0	0	0	0	0	0	0	0	0	0	147,530
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	4,426	0	0	0	0	0	0	0	0	0	0	0	0	4,426
	926-A and G Loads	12,274	0	0	0	0	0	0	0	0	0	0	0	0	12,274
	928-AFUDC Debt Reg	850	0	0	0	0	0	0	0	0	0	0	0	0	850
	929-AFUDC - Equity Regular	1,213	0	0	0	0	0	0	0	0	0	0	0	0	1,213
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	166,293	0	0	0	0	0	0	0	0	0	0	0	0	166,293
	825-Clearings	-166,293	0	0	0	0	0	0	0	0	0	0	0	0	-166,293
	Clr Sum	-166,293	0	0	0	0	0	0	0	0	0	0	0	0	-166,293
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65008014 TWS Upgrade

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 2/17/2016 Estimated Completion Date 12/20/2014

List Interim In-Service Dates

Project Need Justification

TWS is the Traveling Wave Fault Recording System. When a fault occurs on a transmission line, the TWS can provide the mileage from a switchyard along the circuit to the area of the fault. This location is typically accurate to within 1 or 2 structures. Power operations can then direct a repair crew to the approximate location and save many hours of patrolling and possible outages/loss of service on the circuit. The existing TWS is an early generation and has proven difficult to maintain resulting in lack of availability on a regular basis. Often several locations are out-of-service and the devices require significant maintenance. Transmission line outages are extended when the location of the fault cannot be accurately and readily pinpointed.

Project Alternatives

Use relay targets. The use of relay targets is challenging as some manipulation of data is required to develop an estimate line distance to the fault. Additionally this information is sometimes only available at the station control house, requiring an on-site visit. This takes time by the Operator and the Area Representative when restoration of service may be critical. Another alternative (in use now) is to try to keep as much of the existing TWS operational as possible. The least desirable alternative is asking repair crews to travel to a broader range of locations before pinpointing the issue, resulting in longer outage periods. None of these alternatives provide responsive data in a short period of time.

Technical Aspects

PNM is working with vendors to determine if the next generation product mitigates most of the maintenance issues. The installation will involve removal of the existing devices and then installation of the newer devices at control houses. It is expected that the 345kV system would be updated first followed by lower voltage stations.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65008014	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
914-Pension and Benefits Load		0	0	0	0	0	0	0	0	0	0	0	
915-Injuries and Damages Load		0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load		0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	0	0	0	0	0	0	0	0	0	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular		0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	0	0	0	0	0	0	0	0	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
Proj Net		0	0	0	0	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 65008014	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	0	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	0	0	0	35,000
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	0	0	20,000	20,000	20,000	20,000	0	0	0	0	0	0	0	80,000
370-Outside Services	0	0	0	20,000	20,000	20,000	20,000	0	0	0	0	0	0	80,000
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	0	0	350	350	350	350	350	350	350	0	0	0	0	2,450
914-Pension and Benefits Load	0	0	1,116	1,116	1,116	1,116	1,116	1,116	1,116	0	0	0	0	7,812
915-Injuries and Damages Load	0	0	337	337	337	337	337	337	337	0	0	0	0	2,359
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	0	0	934	934	934	934	0	0	0	0	0	0	0	3,736
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	804	1,404	1,404	1,404	804	204	204	0	0	0	0	6,228
926-A and G Loads	0	0	2,080	3,744	3,744	3,744	2,080	416	416	0	0	0	0	16,224
928-AFUDC Debt Reg	0	0	27	100	193	286	358	391	405	412	0	0	0	2,172
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	0	0	30,648	52,985	53,078	53,171	30,045	7,814	7,828	412	0	0	0	235,981
825-Clearings	0	0	0	0	0	0	0	0	0	-235,978	0	0	0	-235,978
Clr Sum	0	0	0	0	0	0	0	0	0	-235,978	0	0	0	-235,978
Proj Net	0	0	30,648	52,985	53,078	53,171	30,045	7,814	7,828	-235,566	0	0	0	3

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65008014	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	35,000	0	0	0	0	0	0	0	0	0	0	0	0	35,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	80,000	0	0	0	0	0	0	0	0	0	0	0	0	80,000
	370-Outside Services	80,000	0	0	0	0	0	0	0	0	0	0	0	0	80,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,450	0	0	0	0	0	0	0	0	0	0	0	0	2,450
	914-Pension and Benefits Load	7,812	0	0	0	0	0	0	0	0	0	0	0	0	7,812
	915-Injuries and Damages Load	2,359	0	0	0	0	0	0	0	0	0	0	0	0	2,359
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,736	0	0	0	0	0	0	0	0	0	0	0	0	3,736
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	6,228	0	0	0	0	0	0	0	0	0	0	0	0	6,228
	926-A and G Loads	16,224	0	0	0	0	0	0	0	0	0	0	0	0	16,224
	928-AFUDC Debt Reg	2,172	0	0	0	0	0	0	0	0	0	0	0	0	2,172
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	235,981	0	0	0	0	0	0	0	0	0	0	0	0	235,981
	825-Clearings	-235,978	0	0	0	0	0	0	0	0	0	0	0	0	-235,978
	Clr Sum	-235,978	0	0	0	0	0	0	0	0	0	0	0	0	-235,978
	Proj Net	3	0	0	0	0	0	0	0	0	0	0	0	0	3

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Project No: 65008015 West Mesa NERC Upgrades

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 8/1/2015

Estimated Completion Date 11/30/2015

List Interim In-Service Dates

Project Need Justification

This project will add additional cameras and equipment for improved monitoring of the West Mesa Substation which is a NERC-regulated area. These improvements are in accordance with NERC CIP 006 (version 5), High Impact Bulk Electric Systems (BES) require two measures of access control and additional physical security requirements to ensure compliance are met. This area falls within the scope of CIP 006-5. This project will ensure that compliance is met and allow for remote monitoring at the PNM Downtown Security Operations Center.

Project Alternatives

In order to meet NERC CIP 006-6 requirements, access control is required to be in place at Rio Puerco substation. The control house contains Physical Cyber Assets (PCA) for the BES Cyber System, where the vender would need to have access. Vendors with previous experience working in the Substation environment and who are currently under contract (for design, installation & maintenance) to perform these services were selected for the work. Working with new vendors would have increased the timing to address this issue, PNM would not have benefited from the competitive pricing of a long-term contract, and there would have been added risk due to not having experience with the new vender. Additionally, there would have not been any added benefit.

Technical Aspects

This project includes purchase of CCTV security cameras, and security access card readers, cameras, and DVR monitoring equipment. The corporate security supervisor will work with the supply chain analyst to obtain bids from outside contractors that will meet PNM's contractual needs, and meet the functional and economic requirements of the project.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65008015	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	.110-Straight Time-General	0		0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0		0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0		0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0		0	0	0	0	0	74,774	74,774	0	0	149,548
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0		0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0		0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment		0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0		0	0	0	0	0	0	0	0	0	0
914-Pension and Benefits Load		0		0	0	0	0	0	0	0	0	0	0
915-Injuries and Damages Load		0		0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		0		0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0		0	0	0	0	0	2,243	2,243	0	0	4,486
	926-A and G Loads	0		0	0	0	0	0	6,221	6,221	0	0	12,442
	928-AFUDC Debt Reg	0		0	0	0	0	0	107	322	432	0	861
929-AFUDC - Equity Regular		0		0	0	0	0	0	153	460	616	0	1,230
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	0		0	0	0	0	0	83,499	84,021	1,048	0	168,568
	825-Clearings	0		0	0	0	0	0	0	0	-168,568	0	-168,568
	Clr Sum	0		0	0	0	0	0	0	0	-168,568	0	-168,568
Proj Net		0		0	0	0	0	0	83,499	84,021	-167,520	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65008015	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	149,548	0	0	0	0	0	0	0	0	0	0	0	0	149,548
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	4,486	0	0	0	0	0	0	0	0	0	0	0	0	4,486
	926-A and G Loads	12,442	0	0	0	0	0	0	0	0	0	0	0	0	12,442
	928-AFUDC Debt Reg	861	0	0	0	0	0	0	0	0	0	0	0	0	861
	929-AFUDC - Equity Regular	1,230	0	0	0	0	0	0	0	0	0	0	0	0	1,230
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	168,568	0	0	0	0	0	0	0	0	0	0	0	0	168,568
	825-Clearings	-168,568	0	0	0	0	0	0	0	0	0	0	0	0	-168,568
	Clr Sum	-168,568	0	0	0	0	0	0	0	0	0	0	0	0	-168,568
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65008015	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	149,548	0	0	0	0	0	0	0	0	0	0	0	0	149,548
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	4,486	0	0	0	0	0	0	0	0	0	0	0	0	4,486
	926-A and G Loads	12,442	0	0	0	0	0	0	0	0	0	0	0	0	12,442
	928-AFUDC Debt Reg	861	0	0	0	0	0	0	0	0	0	0	0	0	861
	929-AFUDC - Equity Regular	1,230	0	0	0	0	0	0	0	0	0	0	0	0	1,230
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	168,568	0	0	0	0	0	0	0	0	0	0	0	0	168,568
	825-Clearings	-168,568	0	0	0	0	0	0	0	0	0	0	0	0	-168,568
	Clr Sum	-168,568	0	0	0	0	0	0	0	0	0	0	0	0	-168,568
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65008115 BA NERC Upgrades

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 8/1/2015 Estimated Completion Date 9/30/2015

List Interim In-Service Dates

Project Need Justification

This project will add additional cameras and equipment for improved monitoring of the BA Substation which is a NERC-regulated area. These improvements are in accordance with NERC CIP 006 (version 5), High Impact Bulk Electric Systems (BES) require two measures of access control and additional physical security requirements to ensure compliance are met. This area falls within the scope of CIP 006-5. This project will ensure that compliance is met and allows for increased security at the BA Substation and allow for remote monitoring at the Albuquerque Downtown Security Operations Center.

Project Alternatives

In order to meet NERC CIP 006-6 requirements, access control is required to be in place at Rio Puerco substation. The control house contains Physical Cyber Assets (PCA) for the BES Cyber System, where the vender would need to have access. Vendors with previous experience working in the Substation environment and who are currently under contract (for design, installation & maintenance) to perform these services were selected for the work. Working with new vendors would have increased the timing to address this issue, PNM would not have benefited from the competitive pricing of a long-term contract, and there would have been added risk due to not having experience with the new vender. Additionally, there would have not been any added benefit.

Technical Aspects

This project includes purchase of CCTV security cameras, and security access card readers, cameras, and DVR monitoring equipment. The corporate security supervisor will work with the supply chain analyst to obtain bids from outside contractors that will meet PNM's contractual needs, and meet the functional and economic requirements of the project.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65008115	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	63,055	63,055	0	0	0	0	0	126,110	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	1,892	1,892	0	0	0	0	0	3,783	
	926-A and G Loads	0	0	0	5,246	5,246	0	0	0	0	0	10,492	
	928-AFUDC Debt Reg	0	0	0	90	272	364	0	0	0	0	726	
	929-AFUDC - Equity Regular	0	0	0	129	388	520	0	0	0	0	1,037	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	70,412	70,853	884	0	0	0	0	142,149	
	825-Clearings	0	0	0	0	0	-142,149	0	0	0	0	-142,149	
	Clr Sum	0	0	0	0	0	-142,149	0	0	0	0	-142,149	
	Proj Net	0	0	0	70,412	70,853	-141,265	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65008115	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	126,110	0	0	0	0	0	0	0	0	0	0	0	0	126,110
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	3,783	0	0	0	0	0	0	0	0	0	0	0	0	3,783
	926-A and G Loads	10,492	0	0	0	0	0	0	0	0	0	0	0	0	10,492
	928-AFUDC Debt Reg	726	0	0	0	0	0	0	0	0	0	0	0	0	726
	929-AFUDC - Equity Regular	1,037	0	0	0	0	0	0	0	0	0	0	0	0	1,037
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	142,149	0	0	0	0	0	0	0	0	0	0	0	0	142,149
	825-Clearings	-142,149	0	0	0	0	0	0	0	0	0	0	0	0	-142,149
	Clr Sum	-142,149	0	0	0	0	0	0	0	0	0	0	0	0	-142,149
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65008115	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	126,110	0	0	0	0	0	0	0	0	0	0	0	0	126,110
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	3,783	0	0	0	0	0	0	0	0	0	0	0	0	3,783
	926-A and G Loads	10,492	0	0	0	0	0	0	0	0	0	0	0	0	10,492
	928-AFUDC Debt Reg	726	0	0	0	0	0	0	0	0	0	0	0	0	726
	929-AFUDC - Equity Regular	1,037	0	0	0	0	0	0	0	0	0	0	0	0	1,037
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	142,149	0	0	0	0	0	0	0	0	0	0	0	0	142,149
	825-Clearings	-142,149	0	0	0	0	0	0	0	0	0	0	0	0	-142,149
	Clr Sum	-142,149	0	0	0	0	0	0	0	0	0	0	0	0	-142,149
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65008215 Zia to SFSC Fiber Build

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 7/31/2015

Estimated Completion Date 12/31/2015

List Interim In-Service Dates

Each WO is closed as completed, with an estimated 4 clearings per year.

Project Need Justification

This project expands and enhances PNM's data transmission capability in southwest Santa Fe. Fiber optic communications systems are considered to be one of the fastest and most reliable systems for communications. Fiber often offers the opportunity to move large amounts of data efficiently and is ideal for security applications such as video cameras. Current data transmission from Santa Fe's offices to corporate applications in Albuquerque is very limited resulting in slow transmission speeds which affects several aspects of work at this office from customer service to engineering design. This extension of communications system (fiber optic) from PNM's main Santa Fe switchyard, Zia, to the Santa Fe Service Center and completion of a communications feed to nearby PNM solar site will significantly improve transmission speeds, allow for increased data traffic, and help ensure real time monitoring of generation facility.

Project Alternatives

One alternative is to continue to operate on the existing legacy systems including radio and third party telephone. Even with improvements, these system will not meet today's and tomorrow's operational and administrative needs. This project takes advantage of significant prior fiber optic investments and is what's referred to a "last mile" project (i.e. Getting the fiber from an existing location the last few miles into the PNM facilities).

Technical Aspects

Extend fiber optic communications line on overhead and underground routes between terminus points and install end equipment such as routers, splice boxes, and switches.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65008215	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000
	370-Outside Services	35,000	0	0	0	0	0	0	0	0	0	0	0	0	35,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,400	0	0	0	0	0	0	0	0	0	0	0	0	1,400
914-Pension and Benefits Load		4,464	0	0	0	0	0	0	0	0	0	0	0	0	4,464
915-Injuries and Damages Load		1,346	0	0	0	0	0	0	0	0	0	0	0	0	1,346
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		2,335	0	0	0	0	0	0	0	0	0	0	0	0	2,335
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	3,366	0	0	0	0	0	0	0	0	0	0	0	0	3,366
	926-A and G Loads	8,736	0	0	0	0	0	0	0	0	0	0	0	0	8,736
	928-AFUDC Debt Reg	1,382	0	0	0	0	0	0	0	0	0	0	0	0	1,382
929-AFUDC - Equity Regular		1,973	0	0	0	0	0	0	0	0	0	0	0	0	1,973
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	130,002	0	0	0	0	0	0	0	0	0	0	0	0	130,002
	825-Clearings	-130,002	0	0	0	0	0	0	0	0	0	0	0	0	-130,002
	Clr Sum	-130,002	0	0	0	0	0	0	0	0	0	0	0	0	-130,002
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65008215	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000
	370-Outside Services	35,000	0	0	0	0	0	0	0	0	0	0	0	0	35,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,400	0	0	0	0	0	0	0	0	0	0	0	0	1,400
	914-Pension and Benefits Load	4,464	0	0	0	0	0	0	0	0	0	0	0	0	4,464
	915-Injuries and Damages Load	1,346	0	0	0	0	0	0	0	0	0	0	0	0	1,346
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,335	0	0	0	0	0	0	0	0	0	0	0	0	2,335
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	3,366	0	0	0	0	0	0	0	0	0	0	0	0	3,366
	926-A and G Loads	8,736	0	0	0	0	0	0	0	0	0	0	0	0	8,736
	928-AFUDC Debt Reg	1,382	0	0	0	0	0	0	0	0	0	0	0	0	1,382
	929-AFUDC - Equity Regular	1,973	0	0	0	0	0	0	0	0	0	0	0	0	1,973
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	130,002	0	0	0	0	0	0	0	0	0	0	0	0	130,002
	825-Clearings	-130,002	0	0	0	0	0	0	0	0	0	0	0	0	-130,002
	Clr Sum	-130,002	0	0	0	0	0	0	0	0	0	0	0	0	-130,002
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65008313 345kV Structure Grounding Impr

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 3/3/2014 Estimated Completion Date 5/31/2015

List Interim In-Service Dates
07-01-15

Project Need Justification

The existing structure grounds on wood pole tangent structures have been prone to charring which could eventually lead to pole fires in areas where the ground wires pass through high electrical fields. Over time small, due to the presence of high electrical fields, the heat can eventually lead to combustion of the wood. The addition of grading hoops in the areas of high electrical fields will reduce the chance of heating on the tips of ground wire attachment clips, which can result in fires. This work can be performed while the lines remain energized.

Project Alternatives

One alternative to the proposed method is a complete replacement of the existing structure grounds. This alternative must be done while the line is not energized and would thus require a sustained outage. The chosen method is more cost effective and less time consuming while still addressing the identified issue. Use of grading hoops is well established and a cost effective solution.

Technical Aspects

Existing fly tap structure grounds are not compatible with fiber optic ground wire (OPGW), and were replaced with conventionally installed structure ground wire (attached to the pole by driven clips), with the installation of OPGW on a portion of the WW, and OC 345kv lines. Over time small gaps develop between the wood and clip due to shrinkage, which is the presence of high electrical fields can produce heating and may eventually lead to combustion of the wood. Installation of grading hoops spaced approximately on two foot centers on the portion of the pole grounds within high electrical fields will reduce the electric field on the sharp tip of the driven clip, and reduce the potential for initiating a pole fire.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65008313	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	22,483	0	0	0	0	0	0	0	0	0	22,483	
	120-Overtime-General	4,052	0	0	0	0	0	0	0	0	0	4,052	
	350-Material Issues-Major	168,324	0	0	0	0	0	0	0	0	0	168,324	
	370-Outside Services	1,082,176	5,000	20,000	0	0	0	0	0	0	0	1,107,176	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	2,934	0	0	0	0	0	0	0	0	0	2,934	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	1,819	0	0	0	0	0	0	0	0	0	1,819	
	914-Pension and Benefits Load	6,792	0	0	0	0	0	0	0	0	0	6,792	
	915-Injuries and Damages Load	1,781	0	0	0	0	0	0	0	0	0	1,781	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	8,305	0	0	0	0	0	0	0	0	0	8,305	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	36,708	150	600	0	0	0	0	0	0	0	37,458	
	926-A and G Loads	106,280	416	1,664	0	0	0	0	0	0	0	108,360	
	928-AFUDC Debt Reg	12,606	1,041	1,084	1,119	0	0	0	0	0	0	15,850	
	929-AFUDC - Equity Regular	17,724	1,487	1,547	1,598	0	0	0	0	0	0	22,356	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	1,471,982	8,094	24,895	2,717	0	0	0	0	0	0	1,507,688	
	825-Clearings	-1,070,652	0	0	-437,036	0	0	0	0	0	0	-1,507,688	
	Clr Sum	-1,070,652	0	0	-437,036	0	0	0	0	0	0	-1,507,688	
Proj Net		401,330	8,094	24,895	-434,319	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65008313	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	22,483	0	0	0	0	0	0	0	0	0	0	0	0	22,483
	120-Overtime-General	4,052	0	0	0	0	0	0	0	0	0	0	0	0	4,052
	350-Material Issues-Major	168,324	0	0	0	0	0	0	0	0	0	0	0	0	168,324
	370-Outside Services	1,107,176	0	0	0	0	0	0	0	0	0	0	0	0	1,107,176
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	2,934	0	0	0	0	0	0	0	0	0	0	0	0	2,934
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,819	0	0	0	0	0	0	0	0	0	0	0	0	1,819
	914-Pension and Benefits Load	6,792	0	0	0	0	0	0	0	0	0	0	0	0	6,792
	915-Injuries and Damages Load	1,781	0	0	0	0	0	0	0	0	0	0	0	0	1,781
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	8,305	0	0	0	0	0	0	0	0	0	0	0	0	8,305
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	37,458	0	0	0	0	0	0	0	0	0	0	0	0	37,458
	926-A and G Loads	108,360	0	0	0	0	0	0	0	0	0	0	0	0	108,360
	928-AFUDC Debt Reg	15,850	0	0	0	0	0	0	0	0	0	0	0	0	15,850
	929-AFUDC - Equity Regular	22,356	0	0	0	0	0	0	0	0	0	0	0	0	22,356
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,507,688	0	0	0	0	0	0	0	0	0	0	0	0	1,507,688
	825-Clearings	-1,507,688	0	0	0	0	0	0	0	0	0	0	0	0	-1,507,688
	Clr Sum	-1,507,688	0	0	0	0	0	0	0	0	0	0	0	0	-1,507,688
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65008313	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	22,483	0	0	0	0	0	0	0	0	0	0	0	0	22,483
	120-Overtime-General	4,052	0	0	0	0	0	0	0	0	0	0	0	0	4,052
	350-Material Issues-Major	168,324	0	0	0	0	0	0	0	0	0	0	0	0	168,324
	370-Outside Services	1,107,176	0	0	0	0	0	0	0	0	0	0	0	0	1,107,176
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	2,934	0	0	0	0	0	0	0	0	0	0	0	0	2,934
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,819	0	0	0	0	0	0	0	0	0	0	0	0	1,819
	914-Pension and Benefits Load	6,792	0	0	0	0	0	0	0	0	0	0	0	0	6,792
	915-Injuries and Damages Load	1,781	0	0	0	0	0	0	0	0	0	0	0	0	1,781
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	8,305	0	0	0	0	0	0	0	0	0	0	0	0	8,305
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	37,458	0	0	0	0	0	0	0	0	0	0	0	0	37,458
	926-A and G Loads	108,360	0	0	0	0	0	0	0	0	0	0	0	0	108,360
	928-AFUDC Debt Reg	15,850	0	0	0	0	0	0	0	0	0	0	0	0	15,850
	929-AFUDC - Equity Regular	22,356	0	0	0	0	0	0	0	0	0	0	0	0	22,356
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,507,688	0	0	0	0	0	0	0	0	0	0	0	0	1,507,688
	825-Clearings	-1,507,688	0	0	0	0	0	0	0	0	0	0	0	0	-1,507,688
	Clr Sum	-1,507,688	0	0	0	0	0	0	0	0	0	0	0	0	-1,507,688
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65008314 Ambrosia Capacitor Switcher

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 3/1/2015

Estimated Completion Date 7/31/2016

List Interim In-Service Dates

na

Project Need Justification

Breaker 19292, which is used to switch capacitor bank #1 and #2 onto the 115kV MA transmission line, has reached its end of useful life. System Engineering is recommending replacing the breaker before it fails and forces the capacitor bank out of service. In addition, a crew is sent 100 miles each way from Albuquerque to Ambrosia Lake station, near Milan, NM to switch in the capacitor banks. In addition, capacitor bank #2 has been out of service for several months, and it would need to be repaired prior to putting it back in service with replacement of breaker 19292. Operations has indicated that both capacitors in capacitor bank #2 are no longer needed, therefore, capacitor bank #2 can be retired.

Project Alternatives

Continue to repair the breaker as necessary, with parts increasingly hard to find for this old breaker design. Continue to send crew the approximately 100 miles each way from Albuquerque to Ambrosia Lake station near Milan, NM. This option was not chosen so that the costs of continual maintenance, and delays getting crew to the site can be minimized.

Technical Aspects

Replace breaker 19292 with a new 115kV pre-insertion resistor breaker and retire capacitor bank #2. Capacitor bank #2 will be used as spare parts. The breaker is being replaced with a modern design. It is the same voltage, but has additional protections for the switching of capacitor banks, and additional condition monitoring systems to track for preventative maintenance purposes.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65008314	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	3,434	1,000	19,600	200	200	200	200	200	200	200	25,434	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	102,328	39,000	15,000	15,000	0	0	0	0	0	0	171,328	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	70	0	0	0	0	0	0	0	0	0	70	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	239	70	1,372	14	14	14	14	14	14	14	1,779	
	914-Pension and Benefits Load	773	223	4,375	45	45	45	45	45	45	45	5,683	
	915-Injuries and Damages Load	231	67	1,319	13	13	13	13	13	13	13	1,711	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	686	0	0	0	0	0	0	0	0	0	686	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	1,280	1,211	1,250	458	8	8	8	8	8	8	4,248	
	926-A and G Loads	8,799	3,328	2,879	1,265	17	17	17	17	17	17	16,371	
	928-AFUDC Debt Reg	1,245	369	489	572	598	603	607	612	617	621	6,334	
	929-AFUDC - Equity Regular	1,805	527	698	817	854	861	867	874	880	887	9,071	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	120,891	45,796	46,981	18,385	1,750	1,761	1,772	1,783	1,794	1,805	242,715	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
	Proj Net	120,891	45,796	46,981	18,385	1,750	1,761	1,772	1,783	1,794	1,805	242,715	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 65008314	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	25,434	500	500	500	1,700	37,300	1,700	0	0	0	0	0	0	57,534
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	0	0	0	0	30,000	0	0	0	0	0	0	0	0	30,000
370-Outside Services	171,328	0	0	0	10,000	95,000	25,000	0	0	0	0	0	0	301,328
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	70	0	0	0	0	0	0	0	0	0	0	0	0	70
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	1,779	35	35	35	119	2,611	119	0	0	0	0	0	0	4,733
914-Pension and Benefits Load	5,683	112	112	112	379	8,325	379	0	0	0	0	0	0	15,102
915-Injuries and Damages Load	1,711	34	34	34	114	2,510	114	0	0	0	0	0	0	4,551
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	686	0	0	0	1,401	0	0	0	0	0	0	0	0	2,087
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	4,248	20	20	20	1,269	4,372	819	0	0	0	0	0	0	10,768
926-A and G Loads	16,371	42	42	42	3,469	11,007	2,221	0	0	0	0	0	0	33,194
928-AFUDC Debt Reg	6,334	425	427	429	473	657	826	854	0	0	0	0	0	10,425
929-AFUDC - Equity Regular	9,071	0	0	0	0	0	0	0	0	0	0	0	0	9,071
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	242,715	1,168	1,170	1,172	48,924	161,782	31,178	854	0	0	0	0	0	488,963
825-Clearings	0	0	0	0	0	0	0	-488,968	0	0	0	0	0	-488,968
Clr Sum	0	0	0	0	0	0	0	-488,968	0	0	0	0	0	-488,968
Proj Net	242,715	1,168	1,170	1,172	48,924	161,782	31,178	-488,114	0	0	0	0	0	-5

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65008314	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	67,634	0	0	0	0	0	0	0	0	0	0	0	0	67,634
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	30,000	0	0	0	0	0	0	0	0	0	0	0	0	30,000
	370-Outside Services	301,328	0	0	0	0	0	0	0	0	0	0	0	0	301,328
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	70	0	0	0	0	0	0	0	0	0	0	0	0	70
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,733	0	0	0	0	0	0	0	0	0	0	0	0	4,733
	914-Pension and Benefits Load	15,102	0	0	0	0	0	0	0	0	0	0	0	0	15,102
	915-Injuries and Damages Load	4,551	0	0	0	0	0	0	0	0	0	0	0	0	4,551
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,087	0	0	0	0	0	0	0	0	0	0	0	0	2,087
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	10,768	0	0	0	0	0	0	0	0	0	0	0	0	10,768
	926-A and G Loads	33,194	0	0	0	0	0	0	0	0	0	0	0	0	33,194
	928-AFUDC Debt Reg	10,425	0	0	0	0	0	0	0	0	0	0	0	0	10,425
	929-AFUDC - Equity Regular	9,071	0	0	0	0	0	0	0	0	0	0	0	0	9,071
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	488,963	0	0	0	0	0	0	0	0	0	0	0	0	488,963
	825-Clearings	-488,968	0	0	0	0	0	0	0	0	0	0	0	0	-488,968
	Clr Sum	-488,968	0	0	0	0	0	0	0	0	0	0	0	0	-488,968
Proj Net		-5	0	0	0	0	0	0	0	0	0	0	0	0	-5

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Project No: 65008415 VS Line Relay Upgrade

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 9/7/2015 Estimated Completion Date 1/31/2016

List Interim In-Service Dates

Project Need Justification

The VS 115kV line has aging and difficult to maintain electro-mechanical relays. This can result in misoperations and an unexpected loss of circuit operation. As mechanical devices there are more moving parts as well as possible issues with inadvertent bumping during control house work. Test procedures are cumbersome and required testing intervals are shorter (i.e. more tests needed) than newer equipment with modern technology. PNM is routinely phasing out these relays system-wide and moving to modern and more capable microprocessor designs. With many utilities moving away from the older equipment, the technical skills for testing and maintaining the older relays are becoming scarce. This is true both at PNM and TSGT. Efficiencies are gained by having standard relays which require less maintenance and testing. The VS 115kV line is a significant tie for service in the Las Vegas and Northern New Mexico area. This particular line interconnects with Tri-States Generation and Transmission Cooperative (TSGT) at the Storrie Lake switchyard. TSGT has recently upgraded this yard to modern standards and has asked PNM to the same for the VS line. The request only affects the timing for the relay replacement, the need is on-going.

Project Alternatives

The alternative is to rely on existing electro-mechanical relays. This does not resolve the increased maintenance issues described above. And the relays are still susceptible to misoperations. This also does not help support standardization across the system.

Technical Aspects

Design new relay installation including use of PNM standard microprocessor relay packages. Remove old electro-mechanical relay equipment from racks and replace with new microprocessor technology. Rewire to new equipment and apply applicable settings for the VS 115kV circuit.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65008415	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	5,000	5,000	5,000	5,000	0	20,000	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	25,000	25,000	0	0	50,000	
	370-Outside Services	0	0	0	0	0	0	0	0	30,000	0	30,000	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	350	350	350	350	0	1,400	
	914-Pension and Benefits Load	0	0	0	0	0	1,116	1,116	1,116	1,116	0	4,464	
	915-Injuries and Damages Load	0	0	0	0	0	337	337	337	337	0	1,346	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	1,168	1,168	0	0	2,335	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	204	954	954	1,104	0	3,216	
	926-A and G Loads	0	0	0	0	0	416	2,496	2,496	2,912	0	8,320	
	928-AFUDC Debt Reg	0	0	0	0	0	10	66	160	261	315	812	
	929-AFUDC - Equity Regular	0	0	0	0	0	14	94	229	373	450	1,159	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	0	0	7,446	36,581	36,809	41,452	765	123,053	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
	Proj Net	0	0	0	0	0	7,446	36,581	36,809	41,452	765	123,053	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65008415	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000
	370-Outside Services	30,000	0	0	0	0	0	0	0	0	0	0	0	0	30,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,400	0	0	0	0	0	0	0	0	0	0	0	0	1,400
	914-Pension and Benefits Load	4,464	0	0	0	0	0	0	0	0	0	0	0	0	4,464
	915-Injuries and Damages Load	1,346	0	0	0	0	0	0	0	0	0	0	0	0	1,346
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,335	0	0	0	0	0	0	0	0	0	0	0	0	2,335
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	3,216	0	0	0	0	0	0	0	0	0	0	0	0	3,216
	926-A and G Loads	8,320	0	0	0	0	0	0	0	0	0	0	0	0	8,320
	928-AFUDC Debt Reg	812	215	0	0	0	0	0	0	0	0	0	0	0	1,027
	929-AFUDC - Equity Regular	1,159	0	0	0	0	0	0	0	0	0	0	0	0	1,159
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	123,053	215	0	0	0	0	0	0	0	0	0	0	0	123,268
	825-Clearings	0	-123,268	0	0	0	0	0	0	0	0	0	0	0	-123,268
	Clr Sum	0	-123,268	0	0	0	0	0	0	0	0	0	0	0	-123,268
	Proj Net	123,053	-123,053	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65008415	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	.0
	350-Material Issues-Major	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000
	370-Outside Services	30,000	0	0	0	0	0	0	0	0	0	0	0	0	30,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,400	0	0	0	0	0	0	0	0	0	0	0	0	1,400
	914-Pension and Benefits Load	4,464	0	0	0	0	0	0	0	0	0	0	0	0	4,464
	915-Injuries and Damages Load	1,346	0	0	0	0	0	0	0	0	0	0	0	0	1,346
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,335	0	0	0	0	0	0	0	0	0	0	0	0	2,335
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	3,216	0	0	0	0	0	0	0	0	0	0	0	0	3,216
	926-A and G Loads	8,320	0	0	0	0	0	0	0	0	0	0	0	0	8,320
	928-AFUDC Debt Reg	1,027	0	0	0	0	0	0	0	0	0	0	0	0	1,027
	929-AFUDC - Equity Regular	1,159	0	0	0	0	0	0	0	0	0	0	0	0	1,159
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	123,268	0	0	0	0	0	0	0	0	0	0	0	0	123,268
	825-Clearings	-123,268	0	0	0	0	0	0	0	0	0	0	0	0	-123,268
	Clr Sum	-123,268	0	0	0	0	0	0	0	0	0	0	0	0	-123,268
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65028015 Land Management System

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 7/31/2015

Estimated Completion Date 5/31/2106

List Interim In-Service Dates

Project Need Justification

PNM currently relies on paper records for the management of land assets. These land assets include land in fee, easements, licenses, permits, and leases. The purpose of this project is to implement an electronic database driven records management system to enable accurate and quick location of land records and queries for key information. This project reduces the need for sorting through paper records, and reduces the potential for expired rights, trespass, missed lease payments, and lack of awareness of specific property access requirements. Issues such as expired rights and trespass can result in an inability to operate and maintain the transmission system, or in significant cost increases to restore the rights. Some of the paper records are old and fragile and implementation of the system will eliminate the wear and tear on the original documents. An additional benefit of an on-line system is that data can be made available to many company employees and to customers with minimal lag time.

The funding requested for this project covers internal labor, local scanning of documents, software purchase with contractor support including configuration for PNM's specific needs, and hardware such as servers needed to support the application.

Project Alternatives

The alternative to implementation of the software is to continue relying on paper records, with the inherent risks described above. Additionally, users of land records, such as area offices must continue to rely on Albuquerque-based personnel to perform research. The "as-is" paper process is not a reasonable approach moving forward.

The preferred alternative to implement a robust land management records system addresses current records management issues, improves efficiency, and lessens the risks cited above.

Technical Aspects

PNM is seeking to purchase a commercially available software package that is specifically tailored to PNM's land information and land rights management obligations. Additionally, the project requires external implementation support which includes developing key data requirements for profiling, placing records into electronic format, attaching geo-spatial attributes to allow files to be tied to the Geographic Information System (GIS), and the purchase of servers and related hardware.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65028015	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0		0	0	7,800	15,000	15,000	0	0	0	0	37,800
	120-Overtime-General	0		0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0		0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0		0	0	108,777	54,756	44,652	0	0	0	0	208,186
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	16,619	6,252	6,252	0	0	0	0	29,123
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0		0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	333	865	1,241	1,420	1,427	1,433	1,440	8,159
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0		0	0	546	1,050	1,050	0	0	0	0	2,646
	914-Pension and Benefits Load	0		0	0	1,741	3,348	3,348	0	0	0	0	8,437
	915-Injuries and Damages Load	0		0	0	525	1,010	1,010	0	0	0	0	2,544
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0		0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0		0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	0		0	0	11,062	6,324	5,483	0	0	0	0	22,889
	928-AFUDC Debt Reg	0		0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0		0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	0		0	0	147,423	88,605	78,036	1,420	1,427	1,433	1,440	319,784
	825-Clearings	0		0	0	0	0	0	0	0	0	0	0
	Clr Sum	0		0	0	0	0	0	0	0	0	0	0
	Proj Net	0		0	0	147,423	88,605	78,036	1,420	1,427	1,433	1,440	319,784

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65028015	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	37,800	21,000	26,000	15,000	0	0	0	0	0	0	0	0	0	99,800
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	208,186	138,461	70,063	21,618	0	0	0	0	0	0	0	0	0	438,328
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	29,123	9,031	8,176	3,420	0	0	0	0	0	0	0	0	0	49,750
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	8,159	1,962	2,528	3,095	3,104	3,400	0	0	0	0	0	0	0	22,248
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,646	1,470	1,820	1,050	0	0	0	0	0	0	0	0	0	6,986
	914-Pension and Benefits Load	8,437	4,687	5,803	3,348	0	0	0	0	0	0	0	0	0	22,275
	915-Injuries and Damages Load	2,544	1,413	1,750	1,010	0	0	0	0	0	0	0	0	0	6,717
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	22,889	14,019	8,673	3,331	0	0	0	0	0	0	0	0	0	48,912
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	319,784	192,043	124,813	51,872	3,104	3,400	0	0	0	0	0	0	0	695,016
	825-Clearings	0	0	0	0	0	-695,016	0	0	0	0	0	0	0	-695,016
	Clr Sum	0	0	0	0	0	-695,016	0	0	0	0	0	0	0	-695,016
	Proj Net	319,784	192,043	124,813	51,872	3,104	-691,616	0	0	0	0	0	0	0	0

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65028015	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	99,800	0	0	0	0	0	0	0	0	0	0	0	0	99,800
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	438,328	0	0	0	0	0	0	0	0	0	0	0	0	438,328
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	49,750	0	0	0	0	0	0	0	0	0	0	0	0	49,750
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	22,248	0	0	0	0	0	0	0	0	0	0	0	0	22,248
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	6,986	0	0	0	0	0	0	0	0	0	0	0	0	6,986
	914-Pension and Benefits Load	22,275	0	0	0	0	0	0	0	0	0	0	0	0	22,275
	915-Injuries and Damages Load	6,717	0	0	0	0	0	0	0	0	0	0	0	0	6,717
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	48,912	0	0	0	0	0	0	0	0	0	0	0	0	48,912
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM R D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	695,016	0	0	0	0	0	0	0	0	0	0	0	0	695,016
	825-Clearings	-695,016	0	0	0	0	0	0	0	0	0	0	0	0	-695,016
	Clr Sum	-695,016	0	0	0	0	0	0	0	0	0	0	0	0	-695,016
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65028114 Sage Estimating Program

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 11/3/2014 Estimated Completion Date 1/31/2016

List Interim In-Service Dates

Project Need Justification

Windows 7 has been adopted by PNM as its enterprise-wide operating system. PNM's current switchyard estimating software, which was developed in-house, will not function on Windows 7. The current switchyard estimating software lacks reporting functionality to meet PNM's business needs effectively. This project is to procure an off-the-shelf system to replace the current system and run on Windows 7.

The estimating software is used to develop detailed construction cost models, including both purchase cost of equipment and material, and also labor costs for all associated activity from site development, equipment installation, and testing/commissioning. PNM annually performs estimates for 50-75 individual projects and updates/revises them from year to year.

Project Alternatives

While the existing software was developed in-house, PNM does not have the resources to upgrade it to operate on modern operating systems. Commercially available alternatives were investigated and Sage Estimator was determined to be the most suitable choice. It is widely used in the industry including by several consulting firms who frequently support PNM work. Sage maintains a large cost data base which will supplement PNM's company cost data.

Technical Aspects

Sage Estimator maintains a large national database of equipment and labor costs, which is customized for PNM specific information such as pricing from alliance partners for transformers, metal clad switchgear, breakers, and switches.

Estimates can be formatted to meet input for PNM's Hyperion budget tool.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65028114	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	2,278	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	11,278
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	2,114	0	0	10,000	25,000	20,000	10,000	25,000	20,000	20,000	132,114
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	72,842	0	0	0	0	0	0	0	0	0	72,842
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	1,565	390	398	431	525	644	727	823	943	1,052	7,500
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	159	70	70	70	70	70	70	70	70	70	789
	914-Pension and Benefits Load	510	223	223	223	223	223	223	223	223	223	2,519
	915-Injuries and Damages Load	153	67	67	67	67	67	67	67	67	67	759
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	426	0	0	0	0	0	0	0	0	0	426
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	5,477	83	83	915	2,163	1,747	915	2,163	1,747	1,747	17,042
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	85,525	1,834	1,842	12,707	29,049	23,752	13,003	29,347	24,051	24,160	245,269
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0
Proj Net		85,525	1,834	1,842	12,707	29,049	23,752	13,003	29,347	24,051	24,160	245,269

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65028114	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	11,278	0	0	0	0	0	0	0	0	0	0	0	0	11,278
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	132,114	0	0	0	0	0	0	0	0	0	0	0	0	132,114
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	72,842	0	0	0	0	0	0	0	0	0	0	0	0	72,842
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	7,500	1,160	0	0	0	0	0	0	0	0	0	0	0	8,660
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	789	0	0	0	0	0	0	0	0	0	0	0	0	789
	914-Pension and Benefits Load	2,519	0	0	0	0	0	0	0	0	0	0	0	0	2,519
	915-Injuries and Damages Load	759	0	0	0	0	0	0	0	0	0	0	0	0	759
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	426	0	0	0	0	0	0	0	0	0	0	0	0	426
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	17,042	0	0	0	0	0	0	0	0	0	0	0	0	17,042
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	245,269	1,160	0	0	0	0	0	0	0	0	0	0	0	246,429
	825-Clearings	0	-246,429	0	0	0	0	0	0	0	0	0	0	0	-246,429
	Clr Sum	0	-246,429	0	0	0	0	0	0	0	0	0	0	0	-246,429
	Proj Net	245,269	-245,269	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65028114	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	11,278	0	0	0	0	0	0	0	0	0	0	0	0	11,278
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	132,114	0	0	0	0	0	0	0	0	0	0	0	0	132,114
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	72,842	0	0	0	0	0	0	0	0	0	0	0	0	72,842
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	8,660	0	0	0	0	0	0	0	0	0	0	0	0	8,660
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	789	0	0	0	0	0	0	0	0	0	0	0	0	789
914-Pension and Benefits Load		2,519	0	0	0	0	0	0	0	0	0	0	0	0	2,519
915-Injuries and Damages Load		759	0	0	0	0	0	0	0	0	0	0	0	0	759
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		426	0	0	0	0	0	0	0	0	0	0	0	0	426
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	17,042	0	0	0	0	0	0	0	0	0	0	0	0	17,042
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	246,429	0	0	0	0	0	0	0	0	0	0	0	0	246,429
	825-Clearings	-246,429	0	0	0	0	0	0	0	0	0	0	0	0	-246,429
	Clr Sum	-246,429	0	0	0	0	0	0	0	0	0	0	0	0	-246,429
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65030515 General Service Wedge Co2

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project Need Justification

This project is for building improvement projects for PNM Transmission that will be identified as breakdown maintenance or equipment failure occurs. These funds are used for replacement of systems such as heating, ventilation and cooling (HVAC), plumbing, roofing, electrical, and pavement as their useful life is completed and parts are not obtainable. Upon identification of an issue, each individual project will be requested through a CDAP form (Capital Development and Approval Process) and an individual project number will be assigned. The CDAP is a form containing detailed project information that must be completed and submitted for capital project approval. The budgeted funds will be used solely for outside contract labor and the equipment being replaced. If the systems are not replaced, this could cause deterioration of the building, uncomfortable working conditions or occupants, and a safety hazard in some cases. All funds would be used for replacement of the system.

Project Alternatives

The alternative to not expending Capital funds for system replacement is to address breakdown maintenance as it occurs and repair utilizing Operations and Maintenance (O&M) funds. Over time, the O&M cost would outweigh the cost of a Capital replacement or parts may become obsolete.

The repair prioritization process includes an assessment of whether the system is a life safety, ADA, or overall building environment issue. The issue/system can then be prioritized and a determination made if repair or replacement should be made. When breakdown occurs, subject matter experts including PNM employees and management in the respective area, General Services' manager, Building Maintenance supervisor, and a licensed contractor would collaborate to determine if the system can be repaired or needs replacement. Three bids would be solicited from qualified vendors per the PNM procurement process and then reviewed.

Technical Aspects

The technical aspects of each project would be identified at the time of the system failure and decision to replace. The work, equipment, and cost would be justified in a CDAP.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65030515	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	25,700	25,700	25,700	0	0	0	0	77,100	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	63	189	316	380	0	0	0	948	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	0	2,138	2,138	2,138	0	0	0	0	6,415	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	27,901	28,027	28,154	380	0	0	0	84,463	
	825-Clearings	0	0	0	0	0	0	-84,463	0	0	0	-84,463	
	Clr Sum	0	0	0	0	0	0	-84,463	0	0	0	-84,463	
	Proj Net	0	0	0	27,901	28,027	28,154	-84,083	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65030515	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	77,100	0	0	0	50,000	0	0	0	50,000	0	0	0	0	177,100
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	948	0	0	0	122	267	255	263	392	505	0	0	0	2,752
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	6,415	0	0	0	4,160	0	0	0	4,160	0	0	0	0	14,735
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	84,463	0	0	0	54,282	267	255	263	54,552	505	0	0	0	194,587
	825-Clearings	-84,463	0	0	0	0	0	0	0	0	-110,124	0	0	0	-194,587
	Clr Sum	-84,463	0	0	0	0	0	0	0	0	-110,124	0	0	0	-194,587
	Proj Net	0	0	0	0	54,282	267	255	263	54,552	-109,619	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65030515	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	177,100	0	0	0	0	0	0	0	0	0	0	0	0	177,100
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	2,752	0	0	0	0	0	0	0	0	0	0	0	0	2,752
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	14,735	0	0	0	0	0	0	0	0	0	0	0	0	14,735
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	194,587	0	0	0	0	0	0	0	0	0	0	0	0	194,587
	825-Clearings	-194,587	0	0	0	0	0	0	0	0	0	0	0	0	-194,587
	Clr Sum	-194,587	0	0	0	0	0	0	0	0	0	0	0	0	-194,587
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65030615 Power Ops NERC Security Upgrades

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 3/23/2015

Estimated Completion Date 8/31/2015

List Interim In-Service Dates

Project Need Justification

This project will add additional cameras and equipment for improved monitoring of the Power Operations' facility which is a NERC-regulated area. These improvements are in accordance with NERC CIP 006 (version 5), High Impact Bulk Electric Systems (BES) require two measures of access control and an additional physical security requirement to ensure compliance is met. This area falls within the scope of CIP 006-5. This project will ensure that compliance is met and allow for increased security at the Power Operations' building entrance.

Project Alternatives

In order to meet NERC CIP 006-6 requirements, additional access control methods are required to be in place at PWOPS Primary and Backup Control Centers, both of which contain Physical Cyber Assets (PCA) for the BES Cyber System and where a vender would need access to perform the required work. Vendors with previous experience with our systems and/or who are currently under contract (for design, installation & maintenance) to perform these services were selected for the work. Working with new vendors would have increased the timing to address this issue, PNM would not have benefited from the competitive pricing of a long-term contract, and there would have been added risk due to not having experience with the new vender. Additionally, there would have not been any added benefit.

Technical Aspects

This project includes purchase of CCTV security cameras, and security access card readers, cameras, and DVR monitoring equipment. The corporate security supervisor will work with the supply chain analyst to obtain bids from outside contractors that will meet PNM's contractual needs, and meet the functional and economic requirements of the project.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65030615	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0		0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0		0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0		0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0		0	0	76,502	76,502	0	0	0	0	0	153,004
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0		0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	187	563	753	0	0	0	0	1,503
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0		0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0		0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0		0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0		0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0		0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	0		0	0	6,365	6,365	0	0	0	0	0	12,730
	928-AFUDC Debt Reg	0		0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0		0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	0		0	0	83,054	83,430	753	0	0	0	0	167,237
	825-Clearings	0		0	0	0	0	-167,237	0	0	0	0	-167,237
	Clr Sum	0		0	0	0	0	-167,237	0	0	0	0	-167,237
	Proj Net	0		0	0	83,054	83,430	-166,484	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65030615	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	153,004	0	0	0	0	0	0	0	0	0	0	0	0	153,004
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	1,503	0	0	0	0	0	0	0	0	0	0	0	0	1,503
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	12,730	0	0	0	0	0	0	0	0	0	0	0	0	12,730
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM R D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	167,237	0	0	0	0	0	0	0	0	0	0	0	0	167,237
	825-Clearings	-167,237	0	0	0	0	0	0	0	0	0	0	0	0	-167,237
	Clr Sum	-167,237	0	0	0	0	0	0	0	0	0	0	0	0	-167,237
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65030615	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	153,004	0	0	0	0	0	0	0	0	0	0	0	0	153,004
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	1,503	0	0	0	0	0	0	0	0	0	0	0	0	1,503
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	12,730	0	0	0	0	0	0	0	0	0	0	0	0	12,730
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	167,237	0	0	0	0	0	0	0	0	0	0	0	0	167,237
	825-Clearings	-167,237	0	0	0	0	0	0	0	0	0	0	0	0	-167,237
	Clr Sum	-167,237	0	0	0	0	0	0	0	0	0	0	0	0	-167,237
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65034314 Fiber connectivity Farmington Elec alt route

Company: 002-Transmission Services
Location: 650 Transmission

Project Information

Construction Start Date 1/13/2015 Estimated Completion Date 1/31/2016

List Interim In-Service Dates

Project Need Justification

This project addresses fiber optic path protection between the Farmington Regeneration Station and SJGS. Currently, the fiber serving SJGS is on a lateral facility, should it fail, critical communications into the Plant would be interrupted for multiple days and potential as long as a week. This project provides for the construction of an alternate route to mitigate the risk of an extended outage.

Project Alternatives

The project provides for an alternate optical path from San Juan Station to the Farmington Regeneration Site. At this point PNM has alternate optical communications to its Operation Center in Albuquerque. Given the capacities operating on the Albuquerque/San Juan optical network, there is not an alternate technologies available to path protect the system. These communications are highly critical to Utility Operations and the loss of the existing single optical line carrying these control and communication systems would have a severe impact on PNM's ability to operate its Transmission and Generation systems. Additionally, the alternate telephone communications to the plant represent 1970's technology eliminating a lease system from consideration.

Technical Aspects

Construct a 15 mile fiber cable, Distribution Underbuilt ADSS, between the Farmington Regen site and SJGS. Work will require a pole attachment agreement with the City of Farmington and the system will tie into the PNM River Station fiber cable built in 2011.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65034314	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	2,000	2,000	2,000	0	0	0	0	0	0	6,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	20,000	0	0	0	0	0	0	0	0	20,000
	370-Outside Services	0	26,418	26,418	26,418	26,418	26,418	26,418	0	0	0	158,506
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	122	316	460	598	730	65	130	130	131	2,684
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	140	140	140	0	0	0	0	0	0	420
	914-Pension and Benefits Load	0	446	446	446	0	0	0	0	0	0	1,339
	915-Injuries and Damages Load	0	135	135	135	0	0	0	0	0	0	404
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	934	0	0	0	0	0	0	0	0	934
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	0	4,028	2,364	2,364	2,198	2,198	2,198	0	0	0	15,351
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	0	54,223	31,819	31,963	29,214	29,346	28,680	130	130	131	205,637
	825-Clearings	0	0	0	0	0	-176,566	0	0	0	0	-176,566
	Clr Sum	0	0	0	0	0	-176,566	0	0	0	0	-176,566
	Proj Net	0	54,223	31,819	31,963	29,214	-147,220	28,680	130	130	131	29,071

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65034314	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	6,000	0	0	0	0	0	0	0	0	0	0	0	0	6,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000
	370-Outside Services	158,506	0	0	0	0	0	0	0	0	0	0	0	0	158,506
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	2,684	138	0	0	0	0	0	0	0	0	0	0	0	2,822
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	420	0	0	0	0	0	0	0	0	0	0	0	0	420
	914-Pension and Benefits Load	1,339	0	0	0	0	0	0	0	0	0	0	0	0	1,339
	915-Injuries and Damages Load	404	0	0	0	0	0	0	0	0	0	0	0	0	404
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	934	0	0	0	0	0	0	0	0	0	0	0	0	934
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	15,351	0	0	0	0	0	0	0	0	0	0	0	0	15,351
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	205,637	138	0	0	0	0	0	0	0	0	0	0	0	205,775
	825-Clearings	-176,566	-29,209	0	0	0	0	0	0	0	0	0	0	0	-205,775
	Clr Sum	-176,566	-29,209	0	0	0	0	0	0	0	0	0	0	0	-205,775
	Proj Net	29,071	-29,071	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65034314	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	6,000	0	0	0	0	0	0	0	0	0	0	0	0	6,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000
	370-Outside Services	158,506	0	0	0	0	0	0	0	0	0	0	0	0	158,506
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0		0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	2,822	0	0	0	0	0	0	0	0	0	0	0	0	2,822
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	420	0	0	0	0	0	0	0	0	0	0	0	0	420
914-Pension and Benefits Load		1,339	0	0	0	0	0	0	0	0	0	0	0	0	1,339
915-Injuries and Damages Load		404	0	0	0	0	0	0	0	0	0	0	0	0	404
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		934	0	0	0	0	0	0	0	0	0	0	0	0	934
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	15,351	0	0	0	0	0	0	0	0	0	0	0	0	15,351
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	205,775	0	0	0	0	0	0	0	0	0	0	0	0	205,775
	825-Clearings	-205,775	0	0	0	0	0	0	0	0	0	0	0	0	-205,775
	Clr Sum	-205,775	0	0	0	0	0	0	0	0	0	0	0	0	-205,775
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 65034614 Transmission Battery Replacement

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 8/7/2014 Estimated Completion Date 1/31/2016

List Interim In-Service Dates

Project Need Justification

This improvement will complete replacements of the -48 Vdc Battery (Charger/Rectifier Systems) serving Power Operation and three relay stations on the San Juan Microwave System. The current A -48 vdc Battery System serving Power Operations is at capacity and will not support the anticipated load from equipment scheduled for installation in the 2015-16 timeframe. The primary increase in load is a result of the installation of the Plateau Infinera DWDM equipment.

The project involves installing a commercial battery system and charger/recitifiers that provide -48 vdc to the Power Operation Communication Center. The system is designed to provide continuous -48vdc power to the center for 8 to 10 hours in the event of a commercial power outage.

The project is required to maintain reliable communications into PNM's Primary Control Center and provide -48 vdc service to the relay sites. It is absolutely critical to maintain sufficient and reliable -48 vdc system at these sites. The loss of a -48 vdc system will result in the loss of communication services serving or passing through these locations. At Power Operations, the loss of the -48 vdc system would result on the loss of control and monitoring (SCADA) for all of PNM's critical Transmission and Station assets. The loss of the relay site DC systems would result in the loss of SCADA along all of San Juan Microwave Switching Stations and potentially impact communications to the SJ Generating Station.

Project Alternatives

There is no alternative to the proposed -48 vdc systems. The communication equipment in the Operation Center operates from -48 vdc service. The existing -48vdc systems could not be upgraded to support the capacity required for the Transport equipment that deliver Regional SCADA data to the Control Center. The new replacement -48vdc system is designed to support the Center's needs for the next ten to fifteen years.

Technical Aspects

This equipment is being installed at Power Operations to drop the 2.5 Wavelengths that support the OC48 rings connecting regional OC48 rings serving PNM's Switching Stations and Power Plants. Additionally, the Infinera equipment will allow a complete dual path drops for PNM's SCADA network at Power Operations and the PNM Backup Control Center. The exiting DC system is operating at or near capacity and the proposed system should allow for a 10 year growth for new equipment at the Power Operations Center. The relay site battery system is required to provide a -48 vdc service for the planned SJ Microwave system.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65034614	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	2,000	2,000	2,000	2,000	0	0	8,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	218,387	0	0	0	0	5,000	5,000	4,000	0	0	232,387
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	4,364	1,096	1,101	1,106	1,118	1,148	1,192	1,234	1,256	1,262	14,877
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	140	140	140	140	0	0	560
	914-Pension and Benefits Load	0	0	0	0	446	446	446	446	0	0	1,786
	915-Injuries and Damages Load	0	0	0	0	135	135	135	135	0	0	538
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	1,463	0	0	0	0	234	234	187	0	0	2,117
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	18,170	0	0	0	166	582	582	499	0	0	20,000
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	242,383	1,096	1,101	1,106	4,005	9,685	9,729	8,641	1,256	1,262	280,265
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0
Proj Net		242,383	1,096	1,101	1,106	4,005	9,685	9,729	8,641	1,256	1,262	280,265

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65034614	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	8,000	0	0	0	0	0	0	0	0	0	0	0	0	8,000	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	232,387	0	0	0	0	0	0	0	0	0	0	0	0	232,387	
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	14,877	1,326	0	0	0	0	0	0	0	0	0	0	0	16,203	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	560	0	0	0	0	0	0	0	0	0	0	0	0	560	
914-Pension and Benefits Load	1,786	0	0	0	0	0	0	0	0	0	0	0	0	1,786	
915-Injuries and Damages Load	538	0	0	0	0	0	0	0	0	0	0	0	0	538	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	2,117	0	0	0	0	0	0	0	0	0	0	0	0	2,117	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
926-A and G Loads	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	280,265	1,326	0	0	0	0	0	0	0	0	0	0	0	281,591	
825-Clearings	0	-281,590	0	0	0	0	0	0	0	0	0	0	0	-281,590	
Clr Sum	0	-281,590	0	0	0	0	0	0	0	0	0	0	0	-281,590	
Proj Net	280,265	-280,264	0	0	0	0	0	0	0	0	0	0	0	1	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65034614	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	8,000	0	0	0	0	0	0	0	0	0	0	0	0	8,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	232,387	0	0	0	0	0	0	0	0	0	0	0	0	232,387
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	16,203	0	0	0	0	0	0	0	0	0	0	0	0	16,203
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	560	0	0	0	0	0	0	0	0	0	0	0	0	560
	914-Pension and Benefits Load	1,786	0	0	0	0	0	0	0	0	0	0	0	0	1,786
	915-Injuries and Damages Load	538	0	0	0	0	0	0	0	0	0	0	0	0	538
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,117	0	0	0	0	0	0	0	0	0	0	0	0	2,117
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	20,000	0	0	0	0	0	0	0	0	0	0	0	0	20,000
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	281,591	0	0	0	0	0	0	0	0	0	0	0	0	281,591
	825-Clearings	-281,590	0	0	0	0	0	0	0	0	0	0	0	0	-281,590
	Clr Sum	-281,590	0	0	0	0	0	0	0	0	0	0	0	0	-281,590
	Proj Net	1	0	0	0	0	0	0	0	0	0	0	0	0	1

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Project No: 65034914 Power Ops-San Juan Radio Upgrade

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 2/1/2016

Estimated Completion Date 12/31/2016

List Interim In-Service Dates

Project Need Justification

Existing San Juan Microwave System is at end of life and no longer supported by the manufacturer. This radio system serves the San Juan Plant and all of PNM's Switching Station in Northwest New Mexico. The proposed new Microwave System will be SONET based allowing path protection through a connection with the Optical SONET linking SJGS to the PNM Control Center in Albuquerque. This will provide ring protection for the communications to PNM's Northwestern Switching Stations. This protection is required for reliable Transmission SCADA and meets NERC guidelines relative to the utility communications into critical Station assets.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

The option to do nothing is not acceptable for the Utility, the Company cannot risk the loss of communications for SCADA and protective relaying on its Western Transmission system or to the San Juan plant. The existing system was near twenty years old and no longer supported by the manufacturer. Continue to operate on the legacy radio system and risk a failure requiring spares or technical support that is no longer available. The select option, (SONET Radios) allowed an integration with PNM Optical SONET system and provided a mechanism to "Ring Protect" PNM's critical Transmission assets.

Technical Aspects

The project required replacement of the existing Microwave links between Albuquerque's Power Operations facility and the San Juan Plant. The work involved FCC licensing, Radio Procurement, SONET terminal procurement, and Securing the Contractor to install new antennas and install the Radio terminals. Additionally, PNM crews are required to transition the communication service from the old system to the new one. The new system is based on an NEC OC3 Microwave radio platform.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65034914	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	0	0	0	0	0	0	0	0	0	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	0	0	0	0	0	0	0	0	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
Proj Net		0	0	0	0	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	65034914	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	0	0	50,000	50,000	0	0	100,000	0	50,000	60,000	0	0	310,000	
370-Outside Services	0	0	0	0	40,000	40,000	0	0	40,000	0	0	40,000	0	160,000	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	17	48	217	595	1,039	1,129	1,469	1,875	2,081	2,479	2,690	2,923	16,562	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	0	350	350	350	350	350	350	350	350	350	350	350	350	4,200	
914-Pension and Benefits Load	0	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	13,392	
915-Injuries and Damages Load	0	337	337	337	337	337	337	337	337	337	337	337	337	4,044	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	0	0	0	2,335	2,335	0	0	4,670	0	2,335	2,802	0	0	14,477	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
926-A and G Loads	0	416	416	4,576	7,904	3,744	416	8,736	3,744	4,576	5,408	3,744	416	44,096	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	0	7,236	7,267	63,931	107,637	51,586	8,348	121,678	52,422	65,795	77,492	53,237	10,142	626,771	
825-Clearings	0	0	0	0	0	0	0	0	0	0	0	0	-626,763	-626,763	
Clr Sum	0	0	0	0	0	0	0	0	0	0	0	0	-626,763	-626,763	
Proj Net	0	7,236	7,267	63,931	107,637	51,586	8,348	121,678	52,422	65,795	77,492	53,237	-616,621	8	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65034914	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	60,000	0	0	0	0	0	0	0	0	0	0	0	0	60,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	310,000	0	0	0	0	0	0	0	0	0	0	0	0	310,000
	370-Outside Services	160,000	0	0	0	0	0	0	0	0	0	0	0	0	160,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	16,562	0	0	0	0	0	0	0	0	0	0	0	0	16,562
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,200	0	0	0	0	0	0	0	0	0	0	0	0	4,200
	914-Pension and Benefits Load	13,392	0	0	0	0	0	0	0	0	0	0	0	0	13,392
	915-Injuries and Damages Load	4,044	0	0	0	0	0	0	0	0	0	0	0	0	4,044
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	14,477	0	0	0	0	0	0	0	0	0	0	0	0	14,477
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	44,096	0	0	0	0	0	0	0	0	0	0	0	0	44,096
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	626,771	0	0	0	0	0	0	0	0	0	0	0	0	626,771
	825-Clearings	-626,763	0	0	0	0	0	0	0	0	0	0	0	0	-626,763
	Clr Sum	-626,763	0	0	0	0	0	0	0	0	0	0	0	0	-626,763
	Proj Net	8	0	0	0	0	0	0	0	0	0	0	0	0	8

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Project No: 65035114 Spread Spectrum Microwave Radio Replacements Phase I

Company: 002-Transmission Services

Location: 650 Transmission

Project Information

Construction Start Date 8/1/2014

Estimated Completion Date 12/31/2016

List Interim In-Service Dates

Project Need Justification

This project addresses the replacement of Spread Spectrum Microwave radios installed in the PNM system in the 1990s. These Glendare radios were installed as a temporary solution to provide critical communication links in the Utility Communication network. These system are unlicensed and are subject to interference from other unlicensed radio users. Replacement is required to provide reliable communications for PNM's SCADA network.

The Glendare radios do not have protection and the manufacturer is out of business. We have used up almost all the spares we have and will soon have no more spares to replace radios as they fail. The new radios' connecting switching stations are licensed and are not susceptible to interference. They also have equipment protection so that most hardware failures will not result in an outage.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

One option is to perform no action, which will incur reliability risk for SCADA and Protective Relaying operations.

The platform was chosen because NEC is a large and established communications company that will be able to support PNM in the long term NEC equipment, is highly reliable, and the company provides free technical and spares support, resulting in significant O&M savings. NEC's nearest competitor Aviat, charges for both.

Technical Aspects

We are replacing Glendare radios with NEC iPASOLINK radios. 46 radios have been replaced so far.

Equipment was installed mainly by PNM personnel. In many cases, new antenna systems were required as part of the replacement. These replacements were completed by contractors.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	65035114	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	45,000		
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0		
350-Material Issues-Major	0	0	30,000	0	50,000	0	50,000	0	50,000	0	180,000		
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	16	126	236	397	559	722	886	1,050	1,215	5,207		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	0	350	350	350	350	350	350	350	350	350	3,150		
914-Pension and Benefits Load	0	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	10,044		
915-Injuries and Damages Load	0	337	337	337	337	337	337	337	337	337	3,029		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	0	0	1,401	0	2,335	0	2,335	0	2,335	0	8,406		
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0		
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0		
926-A and G Loads	0	416	2,912	416	4,576	416	4,576	416	4,576	416	18,720		
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0		
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	0	7,235	41,241	7,454	64,110	7,778	64,436	8,104	64,764	8,434	273,555		
825-Clearings	0	0	0	0	0	0	0	0	0	-218,844	-218,844		
Clr Sum	0	0	0	0	0	0	0	0	0	-218,844	-218,844		
Proj Net	0	7,235	41,241	7,454	64,110	7,778	64,436	8,104	64,764	-210,411	54,711		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 65035114	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	45,000	0	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	95,000
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	180,000	0	0	0	0	30,000	0	50,000	0	50,000	0	50,000	0	360,000
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	5,207	259	243	275	299	446	540	726	895	1,031	1,233	1,358	1,574	14,086
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	3,150	0	0	350	350	350	350	350	350	350	350	350	350	6,650
914-Pension and Benefits Load	10,044	0	0	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	21,204
915-Injuries and Damages Load	3,029	0	0	337	337	337	337	337	337	337	337	337	337	6,399
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	8,406	0	0	0	0	1,401	0	2,335	0	2,335	0	2,335	0	16,812
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
926-A and G Loads	18,720	0	0	416	416	2,912	416	4,576	416	4,576	416	4,576	416	37,856
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	273,555	259	243	7,494	7,518	41,562	7,759	64,440	8,114	64,745	8,452	65,072	8,793	558,006
825-Clearings	-218,844	0	0	0	0	0	0	0	0	0	0	0	-271,326	-490,170
Clr Sum	-218,844	0	0	0	0	0	0	0	0	0	0	0	-271,326	-490,170
Proj Net	54,711	259	243	7,494	7,518	41,562	7,759	64,440	8,114	64,745	8,452	65,072	-262,533	67,836

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	65035114	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	95,000	5,000	5,000	0	0	0	0	0	0	0	0	0	0	105,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	360,000	0	50,000	0	0	0	0	0	0	0	0	0	0	410,000
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	14,086	361	543	0	0	0	0	0	0	0	0	0	0	14,990
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	6,650	350	350	0	0	0	0	0	0	0	0	0	0	7,350
	914-Pension and Benefits Load	21,204	1,116	1,116	0	0	0	0	0	0	0	0	0	0	23,436
	915-Injuries and Damages Load	6,399	337	337	0	0	0	0	0	0	0	0	0	0	7,073
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	16,812	0	2,335	0	0	0	0	0	0	0	0	0	0	19,147
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	37,856	416	4,576	0	0	0	0	0	0	0	0	0	0	42,848
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	558,006	7,580	64,257	0	0	0	0	0	0	0	0	0	0	629,843
	825-Clearings	-490,170	0	0	0	0	0	0	0	0	0	0	0	0	-490,170
	Clr Sum	-490,170	0	0	0	0	0	0	0	0	0	0	0	0	-490,170
	Proj Net	67,836	7,580	64,257	0	0	0	0	0	0	0	0	0	0	139,673

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Distribution Tier 2 Capital Projects

PNM Exhibit AAJ-6

Is contained in the following 280 pages.

Electronic Instructions:

To view detailed costs for each project, click project to highlight then Press "CTRL" and left click on mouse.

To return back to index from detailed costs, click "CTRL" and "Home"

Sunday, August 16, 2015

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PNM EXHIBIT AAJ-6-Distribution Tier 2 Capital Projects

Link/Test

CWIP

Total

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Project No:15100807	Services	\$371,265	\$63,670	\$434,935	60
Project No:15100907	Transformers	\$406,638	\$6,014	\$412,652	64
Project No:15200507	Lighting	\$94,987	\$11,147	\$106,134	68
Project No:15200607	ED Remove & Replace	\$551,608	\$75,191	\$626,798	72
Project No:15200707	ED System Improvements	\$393,728	\$42,697	\$436,426	76
Project No:15200807	Services	\$186,001	\$36,799	\$222,800	80
Project No:15200907	Transformers	\$238,534	\$2,434	\$240,968	84
Project No:15500207	Line Extension - Commercial	\$127,284	\$0	127,284	88
Project No:15500807	Services	\$486,867	\$84,567	\$571,435	92
Project No:15500907	Transformers	\$386,631	\$94,192	\$480,824	96
Project No:15501307	Cable Replacement	\$127,744	\$101,680	\$229,424	100
Project No:15501707	Silver City Pure Project	\$187,684	\$2,378	\$190,062	104
Project No:20000207	Line Extensions - Commercial	\$134,536	\$0	\$134,536	108
Project No:20000707	Distr. System Improvements	\$204,615	\$47,998	\$252,613	112
Project No:20000807	Services	\$306,211	\$47,880	\$354,091	116
Project No:20001707	Deming Pure Project	\$321,129	\$1,230	\$322,359	120
Project No:30000807	Services	\$120,521	\$30,435	\$150,956	124
Project No:41000107	Line Extensions - Residential	\$198,634	\$0	\$198,634	129
Project No:41001207	Pole Replacement	\$234,563	\$25,643	\$260,206	133
Project No:41001707	Santa Fe Pure Project	\$216,100	\$27,546	\$243,646	137
Project No:50000207	Line Extension - Commercial	\$185,295	\$0	\$185,295	141

Project No:50000607	Distr. Remove & Replace	\$624,332	\$93,735	\$718,067....	145
Project No:50000807	Services	\$561,817	\$102,580	\$664,397....	149
Project No:60002110	Misc 46kv Line	\$102,415	\$0	\$102,415....	153
Project No:89900207	Line Extensions - Commercial	\$639,661.....	\$0.....	\$639,661....	157
Project No:89900507	Lighting	\$101,683	\$17,295	\$118,979....	162
Project No:89900807	Services	\$684,263	\$61,181	\$745,445....	167
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Project No:10001914	Keleher Substation and Ball Park 13 Voltage Conversion	\$247,788	\$0	\$247,788....	185
Project No:10002010	Four Hills 13 to Lawrence 14 Feeder Tie	\$0	\$333,971	\$333,971....	189
Project No:10002214	Hawkins Feeder 23	\$297,107	\$0	\$297,107....	194
Project No:10030515	Test Lab Building Modifications	\$168,028	\$0	\$168,028....	198
Project No:14001914	Open Meadow Drive 3-Phase Rebuild	\$643,824	\$0	\$643,824....	203
Project No:14002014	San Antonito 12 to San Antonito 22 Feeder Tie	\$0	\$722,326	\$722,326....	207
Project No:15001814	Southern Microwave Comm UpgradeCo34	\$333,878	\$0	\$333,878....	211
Project No:15030515	General Service Wedge Co34	\$115,704	\$0	\$115,704....	215
Project No:20001813	Deming Distribution Transformers	\$300,056	\$0	\$300,056....	219
Project No:30001615	Dist Las Vegas Solar to Gallinas Sub	\$119,198	\$0	\$119,198....	223
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Project No:41003014	Paseo del tierra	\$660,099	\$0	\$660,099....	235
Project No:60002013	Distr Substation Grounding Repairs	\$171,035	\$123,224	\$294,259....	239
Project No:60002314	ZB 46kv retirement	\$186,430	\$0	\$186,430....	243
Project No:60003116	Distr Cable Testing and Replace 2016	\$149,687	\$224,034	\$373,721....	247
Project No:60003314	Cuchilla Substation Unit II	\$118,232	\$0	\$118,232....	252
Project No:60028014	DOC upgrades	\$239,335	\$0	\$239,335....	256
Project No:60028015	TMS/OMS Upgrade Project	\$321,226	\$314,158	\$635,384....	260
Project No:60030515	General Service Wedge Co1	\$442,047	\$91,375	\$533,422....	264
Project No:60034214	Reeves Training Center	\$127,758	\$0	\$127,758....	268
Project No:89901613	Rio Hondo Service Area Reconfiguration	\$591,004	\$0	\$591,004....	272
Project No:89901815	Veranda 22 to Black Ranch 11 Feeder Tie	\$416,290	\$0	\$416,290....	277
Totals for Report		\$18,755,439.....	\$3,329,078...	\$22,084,518	

Blanket

Project No: 10000507 Lighting

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for the installation of street lighting and floodlighting systems under contract with any municipal corporation or other political subdivision within the State of New Mexico in accordance with PNM Rate Schedule 20 Integrated System Street lighting and Floodlighting Service – New Installations. This project also includes the removal costs of private area lighting installed under PNM Rate Schedule 6 Private Area Lighting Service. Costs include internal labor, materials, contractor costs, and transportation.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

PNM must honor installation requests under PNM Rate 20. Under Rate 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. The customer specifies the location of the lights, and the light type from Rate Schedule 20. The net costs under the project for PNM owned street lights include the installation of 150' of service wire and the luminaire. All other streetlight installation costs are paid by the customer. 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. These costs are also included in this project.

Technical Aspects

This project includes the installation of street lighting and the removal of private lighting equipment including poles, light fixtures, wiring, and ancillary lighting equipment. The street lighting and floodlighting systems that are installed adhere to PNM equipment standards provided in Rate Schedule 20 to ensure ease of future maintenance.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10000507	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	376,061	4,849	3,061	3,481	6,660	4,005	3,554	2,606	2,857	2,661	409,795		
120-Overtime-General	126,006	-730	2,907	3,180	709	-608	986	-236	2,404	656	135,274		
350-Material Issues-Major	646,842	8,703	4,769	6,521	4,538	5,814	3,754	3,134	9,836	6,821	700,732		
370-Outside Services	331,519	5,688	-858	3,555	4,628	7,650	2,837	2,808	1,314	6,117	365,258		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	8,142	409	-271	0	0	782	-57	72	917	240	10,234		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	166,714	2,433	2,645	2,492	1,916	1,082	1,876	903	2,137	1,186	183,384		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	-1,418,243	-14,244	-16,237	-6,746	-14,919	-16,272	-5,242	-38,965	-12,670	-18,900	-1,562,438		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	36,100	288	418	466	516	238	318	166	368	232	39,110		
914-Pension and Benefits Load	136,422	919	1,332	1,487	1,645	758	1,013	529	1,174	740	146,020		
915-Injuries and Damages Load	35,379	277	402	448	496	229	306	160	354	223	38,273		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	35,234	1,146	628	859	598	766	494	413	1,295	898	42,331		
922-Minor Material Load	27,863	0	0	0	0	0	0	0	0	0	27,863		
925-E and S Loads	281,944	3,654	2,305	3,461	3,377	3,192	2,334	1,523	3,418	3,020	308,328		
926-A and G Loads	99,686	1,776	1,019	1,600	1,535	1,558	1,077	773	1,619	1,471	112,116		
928-AFUDC Debt Reg	1	0	0	0	0	0	0	0	0	0	1		
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	889,671	15,169	2,120	20,804	11,699	9,193	13,250	-26,016	15,024	5,366	956,281		
825-Clearings	-830,725	-19,270	-14,811	-16,369	-15,155	-13,605	-13,513	-3,235	-6,300	-6,058	-939,040		
Clr Sum	-830,725	-19,270	-14,811	-16,369	-15,155	-13,605	-13,513	-3,235	-6,300	-6,058	-939,040		
Proj Net	58,946	-4,101	-12,691	4,435	-3,456	-4,412	-262	-29,251	8,724	-691	17,241		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 10000507	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	409,795	3,817	5,216	1,290	6,634	4,188	4,763	9,112	5,479	4,863	3,566	3,909	3,641	466,273
120-Overtime-General	135,274	4,898	921	1,859	-999	3,978	4,352	970	-832	1,349	-323	3,289	897	155,633
350-Material Issues-Major	700,732	10,334	6,263	12,476	11,826	6,480	8,861	6,166	7,900	5,100	4,259	13,365	9,268	803,030
370-Outside Services	365,258	12,025	5,793	3,148	7,744	-1,168	4,841	6,302	10,416	3,863	3,823	1,789	8,328	432,162
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	10,234	849	1,195	344	556	-368	0	0	1,064	-77	98	1,248	327	15,470
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	183,384	2,969	2,650	436	3,312	3,601	3,392	2,608	1,473	2,554	1,230	2,909	1,615	212,133
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-1,562,438	-12,770	-17,913	-12,288	-19,393	-22,107	-9,184	-20,311	-22,154	-7,138	-53,051	-17,251	-25,732	-1,801,730
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	39,110	610	430	220	394	572	638	706	325	435	227	504	318	44,489
914-Pension and Benefits Load	146,020	1,945	1,370	703	1,258	1,623	2,034	2,250	1,037	1,387	724	1,607	1,013	163,171
915-Injuries and Damages Load	38,273	587	413	212	379	550	613	679	313	418	218	484	305	43,444
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	42,331	1,361	825	1,643	1,557	853	1,167	812	1,040	672	561	1,760	1,221	55,803
922-Minor Material Load	27,863	0	0	0	0	0	0	0	0	0	0	0	0	27,863
925-E and S Loads	308,328	6,085	3,880	3,310	4,977	3,145	4,719	4,607	4,348	3,183	2,212	4,657	4,114	357,565
926-A and G Loads	112,116	2,903	1,834	1,627	2,419	1,390	2,181	2,093	2,122	1,469	1,053	2,206	2,003	135,416
928-AFUDC Debt Reg	1	0	0	0	0	0	0	0	0	0	0	0	0	1
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	956,281	35,613	12,877	14,980	20,664	2,937	28,377	15,994	12,531	18,078	-35,403	20,476	7,318	1,110,723
825-Clearings	-939,040	-13,742	-13,517	-13,897	-15,657	-12,349	-16,517	-16,381	-15,380	-16,081	-2,695	-7,318	-7,318	-1,089,892
Clr Sum	-939,040	-13,742	-13,517	-13,897	-15,657	-12,349	-16,517	-16,381	-15,380	-16,081	-2,695	-7,318	-7,318	-1,089,892
Proj Net	17,241	21,871	-640	1,083	5,007	-9,412	11,860	-387	-2,849	1,997	-38,098	13,158	0	20,831

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10000507	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	466,273	4,906	6,704	0	0	0	0	0	0	0	0	0	0	477,883
	120-Overtime-General	155,633	6,294	1,184	0	0	0	0	0	0	0	0	0	0	163,111
	350-Material Issues-Major	803,030	13,177	7,986	0	0	0	0	0	0	0	0	0	0	824,193
	370-Outside Services	432,162	15,378	7,408	0	0	0	0	0	0	0	0	0	0	454,948
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	15,470	1,085	1,529	0	0	0	0	0	0	0	0	0	0	18,084
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	212,133	3,797	3,389	0	0	0	0	0	0	0	0	0	0	219,319
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-1,801,730	-16,331	-22,907	0	0	0	0	0	0	0	0	0	0	-1,840,968
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	44,489	784	552	0	0	0	0	0	0	0	0	0	0	45,825
	914-Pension and Benefits Load	163,171	2,500	1,761	0	0	0	0	0	0	0	0	0	0	167,432
	915-Injuries and Damages Load	43,444	754	531	0	0	0	0	0	0	0	0	0	0	44,729
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	55,803	1,735	1,052	0	0	0	0	0	0	0	0	0	0	58,590
	922-Minor Material Load	27,863	0	0	0	0	0	0	0	0	0	0	0	0	27,863
	925-E and S Loads	357,565	7,788	4,967	0	0	0	0	0	0	0	0	0	0	370,320
	926-A and G Loads	135,416	3,714	2,346	0	0	0	0	0	0	0	0	0	0	141,476
	928-AFUDC Debt Reg	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,110,723	45,581	16,502	0	0	0	0	0	0	0	0	0	0	1,172,806
	825-Clearings	-1,089,892	-17,266	-17,067	0	0	0	0	0	0	0	0	0	0	-1,124,225
	Clr Sum	-1,089,892	-17,266	-17,067	0	0	0	0	0	0	0	0	0	0	-1,124,225
	Proj Net	20,831	28,315	-565	0	0	0	0	0	0	0	0	0	0	48,581

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Project No: 10001307 Cable Replacement

Company: 001-Electric Services
Location: 100 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

This project consists of multiple individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for the emergent replacement of failing underground distribution cable. Emergent cable replacements address those cables which experience failures of their insulation causing multiple outages over a short period of time and/or impacting a large number of customers. The costs for these projects include engineering, project coordination, cable and conduits, and contractor costs for boring and excavation.

Approximately 46% of PNM distribution lines are of overhead construction. The remaining 54% of the distribution is built as underground construction. Underground cable has a life expectancy of 30-40 years. The risk of not replacing aging and failing cable includes more frequent and extended power outages which adversely affect reliability and customer satisfaction.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

An alternative to replacing failing cable is to inject a substance 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 the ends of cable where terminating equipment is installed.

Cable testing is another alternative, providing predictive identification of cable failures before they occur, specifically targeting the replacement of cable segments. As PNM increases efforts to target cable replacements through proactive testing, less funding is required for emergent cable replacement.

However, testing will not detect all cables that need replacement due to extensive corrosion or too many past failures, which have caused degradation to insulation of cable. In either of those cases, replacement is the better option without the need to perform cable testing first.

Technical Aspects

Cable is replaced either by pulling the cable from existing conduit and replacing it with new cable or in the case of direct buried cable, by installing new conduit using directional boring equipment and pulling cable in the newly installed conduit. In some cases the new cable is installed along new routes to reduce the difficulty of the installation and/or future maintenance issues.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10001307	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	742,229		473	2,524	646	557	296	208	287	384	311	747,915
	120-Overtime-General	39,598		55	54	0	2	39	3	47	154	74	40,027
	350-Material Issues-Major	2,267,185		1,025	3,310	2,567	1,774	2,582	4,733	1,530	1,751	265	2,286,723
	370-Outside Services	8,646,046		8,838	2,871	6,878	7,912	7,481	5,197	8,533	7,872	9,835	8,711,463
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	4,213		0	0	0	0	0	0	0	0	0	4,213
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	231,591		203	634	270	202	66	114	119	165	126	233,489
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-24,786		0	0	0	0	0	0	0	0	0	-24,786
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	56,468		37	180	45	39	24	15	23	38	27	56,896
	914-Pension and Benefits Load	215,201		118	575	144	125	75	47	74	120	86	216,566
	915-Injuries and Damages Load	56,599		36	173	43	38	23	14	22	36	26	57,010
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	419,547		135	436	338	234	340	623	202	231	35	422,120
	922-Minor Material Load	146,075		0	0	0	0	0	0	0	0	0	146,075
	925-E and S Loads	1,892,944		1,726	1,652	1,695	1,704	1,694	1,653	1,702	1,683	1,720	1,908,172
	926-A and G Loads	790,523		881	782	862	869	871	853	875	859	883	798,258
	928-AFUDC Debt Reg	182,529		41	57	68	76	81	85	87	88	89	183,201
	929-AFUDC - Equity Regular	144,670		59	82	97	108	116	121	124	126	128	145,630
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	15,810,631		13,628	13,330	13,654	13,638	13,687	13,667	13,625	13,508	13,605	15,932,973
	825-Clearings	-15,801,352		-7,330	-9,250	-10,659	-11,612	-12,276	-12,721	-13,011	-13,170	-13,309	-15,904,691
	Clr Sum	-15,801,352		-7,330	-9,250	-10,659	-11,612	-12,276	-12,721	-13,011	-13,170	-13,309	-15,904,691
Proj Net		9,280		6,297	4,080	2,994	2,025	1,411	946	615	338	296	28,282

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 10001307	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	747,915	517	1,473	1,663	1,428	1,353	1,801	1,524	1,691	1,259	1,424	1,061	1,217	764,326
120-Overtime-General	40,027	9	9	5	167	29	0	5	225	21	232	427	290	41,446
350-Material Issues-Major	2,286,723	685	4,007	2,475	3,096	1,775	7,152	4,858	14,740	28,635	7,605	4,838	1,038	2,367,627
370-Outside Services	8,711,463	2,821	2,658	30,780	26,687	1,539	19,166	21,669	42,704	31,442	42,401	21,748	38,467	8,993,545
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	4,213	0	0	0	0	0	0	0	0	0	0	0	0	4,213
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	233,489	92	387	513	612	340	751	553	376	692	589	457	492	239,343
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-24,786	0	0	0	0	0	0	0	0	0	0	0	0	-24,786
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	56,896	37	104	117	112	97	126	107	134	90	116	104	105	58,145
914-Pension and Benefits Load	216,566	117	331	372	356	308	402	341	428	286	370	332	336	220,545
915-Injuries and Damages Load	57,010	35	100	112	107	93	121	103	129	86	111	100	101	58,208
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	422,120	90	528	326	408	234	942	640	1,941	3,771	1,002	637	137	432,776
922-Minor Material Load	146,075	0	0	0	0	0	0	0	0	0	0	0	0	146,075
925-E and S Loads	1,908,172	690	1,451	5,766	5,210	885	4,723	4,666	9,668	10,002	8,456	4,651	6,727	1,971,067
926-A and G Loads	798,258	343	710	2,948	2,662	419	2,402	2,380	4,970	5,162	4,347	2,374	3,453	830,428
928-AFUDC Debt Reg	183,201	54	50	81	118	111	112	131	179	239	269	255	242	185,042
929-AFUDC - Equity Regular	145,630	0	0	0	0	0	0	0	0	0	0	0	0	145,630
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	15,932,973	5,490	11,808	45,158	40,963	7,183	37,698	36,977	77,185	81,685	66,922	36,984	52,605	16,433,631
825-Clearings	-15,904,691	-10,807	-11,127	-22,017	-28,080	-21,393	-26,610	-29,928	-45,050	-56,773	-60,021	-52,649	-52,635	-16,321,781
Clr Sum	-15,904,691	-10,807	-11,127	-22,017	-28,080	-21,393	-26,610	-29,928	-45,050	-56,773	-60,021	-52,649	-52,635	-16,321,781
Proj Net	28,282	-5,317	681	23,141	12,883	-14,210	11,088	7,049	32,135	24,912	6,901	-15,665	-30	111,850

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10001307	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	764,326	527	1,502	0	0	0	0	0	0	0	0	0	0	766,355
	120-Overtime-General	41,446	9	9	0	0	0	0	0	0	0	0	0	0	41,464
	350-Material Issues-Major	2,367,627	699	4,088	0	0	0	0	0	0	0	0	0	0	2,372,414
	370-Outside Services	8,993,545	45,000	45,000	0	0	0	0	0	0	0	0	0	0	9,083,545
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	4,213	0	0	0	0	0	0	0	0	0	0	0	0	4,213
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	239,343	94	395	0	0	0	0	0	0	0	0	0	0	239,832
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-24,786	0	0	0	0	0	0	0	0	0	0	0	0	-24,786
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	58,145	38	106	0	0	0	0	0	0	0	0	0	0	58,289
	914-Pension and Benefits Load	220,545	120	337	0	0	0	0	0	0	0	0	0	0	221,002
	915-Injuries and Damages Load	58,208	36	102	0	0	0	0	0	0	0	0	0	0	58,346
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	432,776	92	538	0	0	0	0	0	0	0	0	0	0	433,406
	922-Minor Material Load	146,075	0	0	0	0	0	0	0	0	0	0	0	0	146,075
	925-E and S Loads	1,971,067	7,444	8,246	0	0	0	0	0	0	0	0	0	0	1,986,757
	926-A and G Loads	830,428	3,855	4,243	0	0	0	0	0	0	0	0	0	0	838,526
	928-AFUDC Debt Reg	185,042	446	469	0	0	0	0	0	0	0	0	0	0	185,957
	929-AFUDC - Equity Regular	145,630	264	278	0	0	0	0	0	0	0	0	0	0	146,172
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	16,433,631	58,624	65,313	0	0	0	0	0	0	0	0	0	0	16,557,568
	825-Clearings	-16,321,781	-54,551	-57,994	0	0	0	0	0	0	0	0	0	0	-16,434,326
	Clr Sum	-16,321,781	-54,551	-57,994	0	0	0	0	0	0	0	0	0	0	-16,434,326
	Proj Net	111,850	4,073	7,319	0	0	0	0	0	0	0	0	0	0	123,242

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Project No: 10034007 ABQ Metro 2010 Tools & Equipment

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Quarterly clearings occur every year. 03-15,06-15,09-15,12-15

Project Need Justification

This project is for the purchase of tools and equipment for the Engineering Department and Line Staff. The new tools and equipment replaces defective equipment that enables the Engineering Department and Line Staff to improve its productivity or ensure the safety of its employees while performing work. Use of the tools includes, but is not limited to, maintenance of substation equipment and distribution line equipment.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This blanket interchange agreement will have multiple work orders each representing small capital tool replacements.

The alternatives related to this project are to do nothing or to purchase the tools and equipment. By not purchasing the equipment, the effectiveness of PNM employees conducting distribution work will be negatively impacted (potentially increasing costs as time required to perform work will take longer). Replacing the defective tools and equipment is the appropriate option as it provides the Engineering Department and Line Staff employees with properly functioning tools and equipment to perform their work tasks. Tools and equipment alternatives are evaluated at the replacement level.

Technical Aspects

The tools and equipment that are to be purchased include, but are not limited to, magnetic drill press, hydraulic paving breaker, streamline robo crimp, cordless phasing sets, cable cutter, recording devices for power/voltage monitoring and surveying equipment for engineering of power line construction.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10034007	Year	2015											
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total			
110-Straight Time-General	234	0	0	0	0	0	0	0	0	0	234			
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0			
350-Material Issues-Major	1,289,164	0	13,000	0	5,625	13,000	0	5,649	13,000	0	1,339,438			
370-Outside Services	45,337	0	0	0	0	0	0	0	0	0	45,337			
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0			
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0			
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0			
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0			
610-Expenses - General	220,185	0	0	0	0	0	0	0	0	0	220,185			
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0			
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0			
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0			
426-Capitalized Interest	3,755	2	36	72	88	56	92	108	61	97	4,367			
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0			
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0			
913-Payroll Taxes Load	17	0	0	0	0	0	0	0	0	0	17			
914-Pension and Benefits Load	64	0	0	0	0	0	0	0	0	0	64			
915-Injuries and Damages Load	22	0	0	0	0	0	0	0	0	0	22			
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0			
921-Stores / Purchasing Load	20,549	0	1,712	0	741	1,712	0	744	1,712	0	27,170			
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0			
925-E and S Loads	13,253	0	0	0	0	0	0	0	0	0	13,253			
926-A and G Loads	107,587	0	1,082	0	468	1,082	0	470	1,082	0	111,770			
928-AFUDC Debt Reg	3,344	0	0	0	0	0	0	0	0	0	3,344			
929-AFUDC - Equity Regular	2,018	0	0	0	0	0	0	0	0	0	2,018			
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0			
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0			
Cost Sum	1,705,529	2	15,830	72	6,922	15,850	92	6,971	15,854	97	1,767,219			
825-Clearings	-1,705,089	-354	0	0	-18,329	0	0	-21,997	0	-21,450	-1,767,219			
Clr Sum	-1,705,089	-354	0	0	-18,329	0	0	-21,997	0	-21,450	-1,767,219			
Proj Net	440	-352	15,830	72	-11,408	15,850	92	-15,026	15,854	-21,354	0			

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	10034007	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	234	0	0	0	0	0	0	0	0	0	0	0	0	234	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	1,339,438	0	14,650	0	0	14,700	0	0	14,700	0	0	14,600	0	1,398,088	
370-Outside Services	45,337	0	0	0	0	0	0	0	0	0	0	0	0	45,337	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	220,185	0	0	0	0	0	0	0	0	0	0	0	0	220,185	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	4,367	0	39	84	81	62	101	104	63	103	106	61	105	5,276	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	17	0	0	0	0	0	0	0	0	0	0	0	0	17	
914-Pension and Benefits Load	64	0	0	0	0	0	0	0	0	0	0	0	0	64	
915-Injuries and Damages Load	22	0	0	0	0	0	0	0	0	0	0	0	0	22	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	27,170	0	1,929	0	0	1,936	0	0	1,936	0	0	1,923	0	34,894	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	13,253	0	0	0	0	0	0	0	0	0	0	0	0	13,253	
926-A and G Loads	111,770	0	1,219	0	0	1,223	0	0	1,223	0	0	1,215	0	116,650	
928-AFUDC Debt Reg	3,344	0	0	0	0	0	0	0	0	0	0	0	0	3,344	
929-AFUDC - Equity Regular	2,018	0	0	0	0	0	0	0	0	0	0	0	0	2,018	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	1,767,219	0	17,837	84	81	17,921	101	104	17,922	103	106	17,799	105	1,839,382	
825-Clearings	-1,767,219	0	0	0	-14,401	0	0	-17,380	0	0	-17,981	0	-22,399	-1,839,380	
Clr Sum	-1,767,219	0	0	0	-14,401	0	0	-17,380	0	0	-17,981	0	-22,399	-1,839,380	
Proj Net	0	0	17,837	84	-14,320	17,921	101	-17,276	17,922	103	-17,875	17,799	-22,294	2	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10034007	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	234	0	0	0	0	0	0	0	0	0	0	0	0	234
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	1,398,088	0	14,650	0	0	0	0	0	0	0	0	0	0	1,412,738
	370-Outside Services	45,337	0	0	0	0	0	0	0	0	0	0	0	0	45,337
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	220,185	0	0	0	0	0	0	0	0	0	0	0	0	220,185
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	5,276	0	45	0	0	0	0	0	0	0	0	0	0	5,321
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	17	0	0	0	0	0	0	0	0	0	0	0	0	17
	914-Pension and Benefits Load	64	0	0	0	0	0	0	0	0	0	0	0	0	64
	915-Injuries and Damages Load	22	0	0	0	0	0	0	0	0	0	0	0	0	22
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	34,894	0	1,929	0	0	0	0	0	0	0	0	0	0	36,823
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	13,253	0	0	0	0	0	0	0	0	0	0	0	0	13,253
	926-A and G Loads	116,650	0	1,219	0	0	0	0	0	0	0	0	0	0	117,869
	928-AFUDC Debt Reg	3,344	0	0	0	0	0	0	0	0	0	0	0	0	3,344
	929-AFUDC - Equity Regular	2,018	0	0	0	0	0	0	0	0	0	0	0	0	2,018
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,839,382	0	17,843	0	0	0	0	0	0	0	0	0	0	1,857,225
	825-Clearings	-1,839,380	0	0	0	0	0	0	0	0	0	0	0	0	-1,839,380
	Clr Sum	-1,839,380	0	0	0	0	0	0	0	0	0	0	0	0	-1,839,380
	Proj Net	2	0	17,843	0	0	0	0	0	0	0	0	0	0	17,845

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Project No: 14000607 Distr. Remove & Replace

Company: 001-Electric Services

Location: 140 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

This project consists of many individual work orders which are placed in service at various times throughout the year the timing of which are determined by governmental road widening schedules and the occurrence of significant storms.

Project Need Justification

This project includes relocations of facilities in road rights-of-way for road re-alignments or widening projects. The project also includes the removal and replacement of existing electric distribution facilities that have been damaged during storms or deteriorated through normal aging. Generally the work under this project involves the replacement of like for like equipment. Project drivers include the need to replace failed equipment and governmental roadway improvement projects.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project has no alternatives. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Alternatives on how to best maintain system integrity are evaluated on a project-by-project basis.

Technical Aspects

Removal and replacement of electric distribution facilities include 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.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	14000607	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	205,892	799	1,285	1,902	1,370	3,595	2,601	2,531	540	782	221,297		
120-Overtime-General	102,369	1,219	839	143	1,427	644	1,462	558	945	1,806	111,412		
350-Material Issues-Major	160,884	2,736	307	718	363	2,955	2,056	6,729	250	1,161	178,159		
370-Outside Services	145,013	3,941	1,204	0	2,420	1,610	4,172	128	8	1,036	159,532		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	794	90	0	0	0	0	127	0	63	0	1,074		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	118,071	753	787	896	1,681	1,208	1,741	2,003	606	1,110	128,856		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	-220,560	-4,171	-507	0	-1,413	-1,247	-411	-9,548	-397	0	-238,254		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	22,486	141	149	143	196	297	284	216	104	181	24,198		
914-Pension and Benefits Load	85,143	450	474	456	624	946	907	689	331	578	90,599		
915-Injuries and Damages Load	23,359	136	143	138	188	285	273	208	100	174	25,005		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	14,366	360	40	95	48	389	271	886	33	153	16,641		
922-Minor Material Load	9,443	0	0	0	0	0	0	0	0	0	9,443		
925-E and S Loads	130,001	1,642	830	703	1,323	1,846	2,180	2,090	472	1,092	142,180		
926-A and G Loads	43,034	794	368	304	604	833	1,012	994	201	490	48,634		
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0		
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	840,295	8,891	5,919	5,499	8,831	13,362	16,675	7,485	3,256	8,564	918,776		
825-Clearings	-833,139	-5,135	-5,386	-5,422	-6,513	-8,705	-11,255	-10,049	-7,875	-8,095	-901,574		
Clr Sum	-833,139	-5,135	-5,386	-5,422	-6,513	-8,705	-11,255	-10,049	-7,875	-8,095	-901,574		
Proj Net	7,156	3,756	533	77	2,318	4,657	5,420	-2,564	-4,619	469	17,203		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 14000607	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	221,297	1,497	1,192	3,324	2,310	960	1,237	3,133	3,848	3,288	2,235	1,373	1,430	247,124
120-Overtime-General	111,412	1,134	911	2,534	1,748	736	1,023	2,492	3,010	2,660	1,774	1,070	1,142	131,646
350-Material Issues-Major	178,159	3,521	1,614	4,603	1,266	808	1,537	3,489	1,600	4,390	1,892	1,585	969	205,433
370-Outside Services	159,532	2,051	645	1,654	1,160	357	1,600	4,136	1,203	6,042	1,474	948	1,174	181,976
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	1,074	39	31	49	47	25	33	68	63	68	34	26	12	1,569
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	128,856	1,653	1,286	1,977	1,352	1,013	910	2,200	2,271	2,773	1,454	1,983	1,406	149,134
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-238,254	-1,580	-1,614	-2,127	-1,283	49	-1,486	-3,471	-4,033	-2,413	-2,224	-2,134	-1,632	-262,202
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	24,198	184	147	410	284	119	158	394	480	416	281	171	180	27,422
914-Pension and Benefits Load	90,599	587	469	1,308	906	379	504	1,256	1,531	1,328	895	545	574	100,881
915-Injuries and Damages Load	25,005	177	142	394	273	114	152	379	462	400	270	164	173	28,105
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	16,641	464	213	606	167	106	202	460	211	578	249	209	128	20,234
922-Minor Material Load	9,443	0	0	0	0	0	0	0	0	0	0	0	0	9,443
925-E and S Loads	142,180	1,735	1,030	2,600	1,495	722	1,145	2,807	2,315	3,418	1,649	1,259	1,130	163,485
926-A and G Loads	48,634	823	472	1,177	656	324	527	1,291	998	1,599	737	581	510	58,329
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	918,776	12,285	6,538	18,509	10,381	5,712	7,542	18,634	13,959	24,547	10,720	7,780	7,196	1,062,579
825-Clearings	-901,574	-9,436	-8,509	-11,709	-11,284	-9,501	-8,874	-11,997	-12,625	-16,440	-14,610	-12,424	-10,751	-1,039,734
Clr Sum	-901,574	-9,436	-8,509	-11,709	-11,284	-9,501	-8,874	-11,997	-12,625	-16,440	-14,610	-12,424	-10,751	-1,039,734
Proj Net	17,203	2,849	-1,971	6,800	-903	-3,789	-1,332	6,637	1,334	8,107	-3,890	-4,644	-3,555	22,846

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	14000607	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	247,124	1,864	1,485	0	0	0	0	0	0	0	0	0	0	250,473
	120-Overtime-General	131,646	1,412	1,135	0	0	0	0	0	0	0	0	0	0	134,193
	350-Material Issues-Major	205,433	4,351	1,995	0	0	0	0	0	0	0	0	0	0	211,779
	370-Outside Services	181,976	2,543	800	0	0	0	0	0	0	0	0	0	0	185,319
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	1,569	48	38	0	0	0	0	0	0	0	0	0	0	1,655
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	149,134	2,049	1,594	0	0	0	0	0	0	0	0	0	0	152,777
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-262,202	-1,958	-2,001	0	0	0	0	0	0	0	0	0	0	-266,161
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	27,422	229	183	0	0	0	0	0	0	0	0	0	0	27,834
	914-Pension and Benefits Load	100,881	731	585	0	0	0	0	0	0	0	0	0	0	102,197
	915-Injuries and Damages Load	28,105	220	176	0	0	0	0	0	0	0	0	0	0	28,501
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	20,234	573	263	0	0	0	0	0	0	0	0	0	0	21,070
	922-Minor Material Load	9,443	0	0	0	0	0	0	0	0	0	0	0	0	9,443
	925-E and S Loads	163,485	2,152	1,279	0	0	0	0	0	0	0	0	0	0	166,916
	926-A and G Loads	58,329	1,021	586	0	0	0	0	0	0	0	0	0	0	59,936
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,062,579	15,235	8,118	0	0	0	0	0	0	0	0	0	0	1,085,932
	825-Clearings	-1,039,734	-12,186	-10,884	0	0	0	0	0	0	0	0	0	0	-1,062,804
	Clr Sum	-1,039,734	-12,186	-10,884	0	0	0	0	0	0	0	0	0	0	-1,062,804
	Proj Net	22,846	3,049	-2,766	0	0	0	0	0	0	0	0	0	0	23,129

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Project No: 14000707 Distr. System Improvements

Company: 001-Electric Services

Location: 140 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

This project consists of many individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for numerous small miscellaneous distribution facility improvements to improve service and operation by providing voltage support, enhancing system protection, and maintaining or improving system reliability. This project supports maintaining standards for service as required of New Mexico Administrative Code (NMAC) Rule 17.9.560.15.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project has no alternatives. This project is necessary to ensure system reliability.

Alternatives are considered on a project-by-project basis to determine the most optimal solution to ensure system reliability while balancing issues such as cost, safety, and reliability.

Technical Aspects

Distribution system improvements include the design and installation of conduit systems, cable, wire, poles, overhead and underground switches, transformers, voltage regulators, capacitor banks, and protection equipment. The need for the improvements are identified in several ways including; annual load analysis and system modeling of the distribution system to identify operational issues caused by normal load growth, during design of line extensions to serve new customers, operating problems that may arise during the year such as customer low voltage complaints, and replacement of obsolete equipment. This project also includes replacement of vandalized copper pole grounds with copper clad steel grounds which are less susceptible to theft. Installation of equipment to prevent birds and small animals from electrocution is also included in this project to help reduce outages caused by birds and other small animals.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	14000707	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	96,936	1,240	977	2,063	609	3,612	2,917	6,641	1,457	282	116,734
	120-Overtime-General	29,691	1,730	1,685	0	0	0	0	0	0	0	33,107
	350-Material Issues-Major	156,814	159	7,837	0	1,827	1,425	0	2,423	15,038	480	186,004
	370-Outside Services	99,033	496	8	0	0	48	12	4	3	8,721	108,326
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	34,387	1,157	918	69	44	490	446	595	279	1,821	40,206
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-54,567	0	-1,156	0	0	0	0	-1,925	0	-9,613	-67,260
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	8,859	208	166	144	43	253	204	465	102	20	10,484
	914-Pension and Benefits Load	33,770	663	594	460	136	806	651	1,482	325	63	38,951
	915-Injuries and Damages Load	8,865	200	179	139	41	243	196	447	98	19	10,427
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	18,246	21	1,032	0	241	188	0	319	1,981	63	22,090
	922-Minor Material Load	9,098	0	0	0	0	0	0	0	0	0	9,098
	925-E and S Loads	61,808	936	1,982	460	432	1,100	708	1,929	2,769	1,825	73,950
	926-A and G Loads	29,469	398	951	177	206	464	281	804	1,396	941	35,086
	928-AFUDC Debt Reg	8,623	70	65	53	38	35	34	40	63	59	9,080
	929-AFUDC - Equity Regular	8,942	100	93	76	54	50	48	57	90	85	9,594
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	549,975	7,377	15,351	3,641	3,670	8,715	5,498	13,282	23,601	4,766	635,876
	825-Clearings	-526,509	-13,263	-14,161	-9,637	-7,071	-7,778	-6,798	-9,586	-15,612	-10,949	-621,363
	Clr Sum	-526,509	-13,263	-14,161	-9,637	-7,071	-7,778	-6,798	-9,586	-15,612	-10,949	-621,363
Proj Net		23,466	-5,886	1,190	-5,996	-3,401	937	-1,300	3,696	7,989	-6,182	14,513

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 14000707	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	116,734	3,479	2,486	2,551	1,774	2,145	1,264	1,853	1,996	1,590	646	2,772	3,509	142,799
120-Overtime-General	33,107	326	981	496	19	61	344	486	318	251	226	66	14	36,695
350-Material Issues-Major	186,004	5,346	33,369	493	1,024	2,800	9,756	15,783	8,731	8,244	4,075	1,700	689	278,014
370-Outside Services	108,326	716	1,134	860	302	429	578	629	581	355	94	282	318	114,604
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	40,206	1,051	1,338	1,436	377	513	598	782	850	484	193	594	770	49,192
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-67,260	-236	-737	-542	-584	-652	-708	-812	-849	-905	-598	-314	-381	-74,578
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	10,484	266	243	213	126	154	113	164	162	129	61	199	247	12,561
914-Pension and Benefits Load	38,951	849	774	680	400	492	359	522	516	411	195	633	786	45,568
915-Injuries and Damages Load	10,427	256	233	205	121	148	108	157	156	124	59	191	237	12,422
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	22,090	704	4,395	65	135	369	1,285	2,079	1,150	1,086	537	224	91	34,210
922-Minor Material Load	9,098	0	0	0	0	0	0	0	0	0	0	0	0	9,098
925-E and S Loads	73,950	1,966	6,489	1,110	663	1,079	2,099	3,260	2,130	1,854	888	1,030	1,051	97,569
926-A and G Loads	35,086	908	3,270	486	291	495	1,043	1,625	1,038	909	435	450	441	46,477
928-AFUDC Debt Reg	9,080	39	77	78	53	39	41	55	59	55	45	36	31	9,688
929-AFUDC - Equity Regular	9,594	0	0	0	0	0	0	0	0	0	0	0	0	9,594
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	635,876	15,670	54,052	8,131	4,701	8,072	16,880	26,583	16,838	14,587	6,856	7,863	7,803	823,912
825-Clearings	-621,363	-12,980	-30,641	-20,961	-13,969	-11,434	-13,776	-19,283	-18,232	-16,664	-12,446	-10,475	-9,326	-811,550
Clr Sum	-621,363	-12,980	-30,641	-20,961	-13,969	-11,434	-13,776	-19,283	-18,232	-16,664	-12,446	-10,475	-9,326	-811,550
Proj Net	14,513	2,690	23,411	-12,830	-9,268	-3,362	3,104	7,300	-1,394	-2,077	-5,590	-2,612	-1,523	12,362

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	14000707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	142,799	4,333	3,097	0	0	0	0	0	0	0	0	0	0	150,229
	120-Overtime-General	36,695	406	1,222	0	0	0	0	0	0	0	0	0	0	38,323
	350-Material Issues-Major	278,014	6,607	41,241	0	0	0	0	0	0	0	0	0	0	325,862
	370-Outside Services	114,604	888	1,406	0	0	0	0	0	0	0	0	0	0	116,898
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	49,192	1,303	1,658	0	0	0	0	0	0	0	0	0	0	52,153
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-74,578	-292	-914	0	0	0	0	0	0	0	0	0	0	-75,784
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	12,561	332	302	0	0	0	0	0	0	0	0	0	0	13,195
	914-Pension and Benefits Load	45,568	1,058	964	0	0	0	0	0	0	0	0	0	0	47,590
	915-Injuries and Damages Load	12,422	319	291	0	0	0	0	0	0	0	0	0	0	13,032
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	34,210	870	5,431	0	0	0	0	0	0	0	0	0	0	40,511
	922-Minor Material Load	9,098	0	0	0	0	0	0	0	0	0	0	0	0	9,098
	925-E and S Loads	97,569	2,439	8,029	0	0	0	0	0	0	0	0	0	0	108,037
	926-A and G Loads	46,477	1,126	4,046	0	0	0	0	0	0	0	0	0	0	51,649
	928-AFUDC Debt Reg	9,688	70	163	0	0	0	0	0	0	0	0	0	0	9,921
	929-AFUDC - Equity Regular	9,594	41	97	0	0	0	0	0	0	0	0	0	0	9,732
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	823,912	19,500	67,033	0	0	0	0	0	0	0	0	0	0	910,445
	825-Clearings	-811,550	-13,701	-36,634	0	0	0	0	0	0	0	0	0	0	-861,885
	Clr Sum	-811,550	-13,701	-36,634	0	0	0	0	0	0	0	0	0	0	-861,885
	Proj Net	12,362	5,799	30,399	0	0	0	0	0	0	0	0	0	0	48,560

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Project No: 14000807 Services

Company: 001-Electric Services

Location: 140 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Generally, this blanket work order is cleared quarterly; 04-15,07-15,10-15,12-15

Project Need Justification

This project provides for the new electrical connection of residential and non-residential customers' facilities to PNM's distribution system primarily within the east mountain Albuquerque metro area. The project includes the cost of PNM labor, outside services (contractors), and PNM transportation costs. PNM is obligated to serve customers within its service territory. PNM and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

This project includes the labor for the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Customers may be served from either an overhead or underground service depending on the distribution system configuration from which they will be served and in some cases depending upon the customer preference. For each service to a new residential customer or a non-residential customer served with an overhead service, the point of service location, service wire length and route are defined to maintain service voltage within regulatory requirements. Non-residential customers located in underground electric distribution areas, or residential or non-residential customers located in an overhead electric distribution areas but requesting and underground service, are required to provide the service wires per PNM rules. This project is required to provide service to new and upgrading customers.

Technical Aspects

Materials associated with connecting and terminating services are not included with this project but are charged to the related project for Albuquerque Services Project 10000807. PNM's and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	14000807	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	69,658	2,322	3,985	1,681	1,658	3,312	1,644	1,089	1,222	2,017	88,589		
120-Overtime-General	9,688	244	3,267	0	0	125	0	114	44	0	13,482		
350-Material Issues-Major	228	0	0	0	0	0	0	0	0	0	228		
370-Outside Services	48,106	6,033	527	0	0	0	2,302	1,359	0	5,575	63,903		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	12,350	480	1,463	133	219	483	248	170	142	187	15,872		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	-205	0	-206	0	0	0	0	0	0	0	-410		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	5,383	180	508	118	116	241	115	84	89	141	6,974		
914-Pension and Benefits Load	20,285	573	1,619	375	370	767	367	268	283	450	25,358		
915-Injuries and Damages Load	5,307	173	488	113	112	231	111	81	85	136	6,836		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	1,132	0	0	0	0	0	0	0	0	0	1,132		
922-Minor Material Load	12	0	0	0	0	0	0	0	0	0	12		
925-E and S Loads	22,925	1,601	1,897	387	396	825	766	506	298	1,361	30,962		
926-A and G Loads	10,651	755	769	151	156	326	349	227	117	647	14,149		
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0		
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	205,521	12,362	14,315	2,958	3,027	6,310	5,902	3,898	2,281	10,514	267,087		
825-Clearings	-184,776	-26,485	0	0	-21,537	0	0	-17,195	0	-17,094	-267,087		
Clr Sum	-184,776	-26,485	0	0	-21,537	0	0	-17,195	0	-17,094	-267,087		
Proj Net	20,745	-14,123	14,315	2,958	-18,510	6,310	5,902	-13,298	2,281	-6,580	0		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	14000807	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	88,589	5,230	618	3,869	1,255	878	3,363	8,942	2,329	10,726	3,344	2,253	3,677	135,073	
120-Overtime-General	13,482	110	0	0	0	0	4,522	1,408	0	1,075	0	0	0	20,597	
350-Material Issues-Major	228	0	0	0	0	0	0	0	0	0	0	0	0	228	
370-Outside Services	63,903	2,477	2,093	2,265	2,478	2,309	1,472	2,509	2,852	2,558	1,526	1,557	1,119	89,118	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	15,872	773	637	799	666	653	338	784	973	971	597	728	1,174	24,965	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	-410	-26	-22	-26	-24	-22	-12	-22	-28	-29	-19	-22	-29	-691	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	6,974	374	43	271	88	61	552	724	163	826	234	158	257	10,725	
914-Pension and Benefits Load	25,358	1,192	138	864	280	196	1,760	2,310	520	2,634	746	503	821	37,322	
915-Injuries and Damages Load	6,836	359	42	260	84	59	531	697	157	794	225	152	247	10,443	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	1,132	0	0	0	0	0	0	0	0	0	0	0	0	1,132	
922-Minor Material Load	12	0	0	0	0	0	0	0	0	0	0	0	0	12	
925-E and S Loads	30,962	1,682	571	1,332	776	665	2,006	2,780	1,119	3,133	1,068	856	1,167	48,117	
926-A and G Loads	14,149	715	278	577	366	320	807	1,135	512	1,275	455	378	497	21,464	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	267,087	12,886	4,398	10,211	5,969	5,119	15,339	21,267	8,597	23,963	8,176	6,563	8,930	398,505	
825-Clearings	-267,087	0	0	0	-26,773	0	0	-38,733	0	0	-40,336	0	-25,577	-398,506	
Clr Sum	-267,087	0	0	0	-26,773	0	0	-38,733	0	0	-40,336	0	-25,577	-398,506	
Proj Net	0	12,886	4,398	10,211	-20,804	5,119	15,339	-17,466	8,597	23,963	-32,160	6,563	-16,647	-1	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	14000807	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	135,073	6,721	794	0	0	0	0	0	0	0	0	0	0	142,588
	120-Overtime-General	20,597	141	0	0	0	0	0	0	0	0	0	0	0	20,738
	350-Material Issues-Major	228	0	0	0	0	0	0	0	0	0	0	0	0	228
	370-Outside Services	89,118	3,168	2,676	0	0	0	0	0	0	0	0	0	0	94,962
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	24,965	989	814	0	0	0	0	0	0	0	0	0	0	26,768
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-691	-33	-28	0	0	0	0	0	0	0	0	0	0	-752
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	10,725	480	56	0	0	0	0	0	0	0	0	0	0	11,261
	914-Pension and Benefits Load	37,322	1,532	177	0	0	0	0	0	0	0	0	0	0	39,031
	915-Injuries and Damages Load	10,443	462	53	0	0	0	0	0	0	0	0	0	0	10,958
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	1,132	0	0	0	0	0	0	0	0	0	0	0	0	1,132
	922-Minor Material Load	12	0	0	0	0	0	0	0	0	0	0	0	0	12
	925-E and S Loads	48,117	2,159	731	0	0	0	0	0	0	0	0	0	0	51,007
	926-A and G Loads	21,464	917	356	0	0	0	0	0	0	0	0	0	0	22,737
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	398,505	16,536	5,629	0	0	0	0	0	0	0	0	0	0	420,670
	825-Clearings	-398,506	0	0	0	0	0	0	0	0	0	0	0	0	-398,506
	Clr Sum	-398,506	0	0	0	0	0	0	0	0	0	0	0	0	-398,506
	Proj Net	-1	16,536	5,629	0	0	0	0	0	0	0	0	0	0	22,164

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Project No: 15002114 SNM Misc 69kv Line Improvements

Company: 034-PNM TNMPNM Distribution

Location: 150 Distribution

Project Information

Construction Start Date 2/3/2014 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This project includes capital expenditures for upgrades and replacements needed to maintain safe and reliable operation of the 69kV transmission system providing electrical power to the Silver City Service Territory. PNM routinely inspects its transmission and distribution facilities. For these 69kV lines, maintenance concerns and/or failing equipment are identified and evaluated on a 1 to 5 scale where 1 is low risk. From this evaluation, PNM develops its program for capital improvements for the coming year, focusing on the work that is highest risk while monitoring those items which currently present a low risk.

Project Alternatives

This is a blanket IA, multiple work orders are written for small capital replacement or improvements, alternatives to be evaluated at work order level.

Technical Aspects

The work identified from visual line patrols for this project consists of repair and replacement of structure poles, cross timbers, line switches, insulators, and conductors.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15002114	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	25,727	6,359	8,287	0	0	0	2,072	6,359	8,287	0	57,091	
	120-Overtime-General	6,931	0	0	0	0	0	1,700	6,500	6,800	0	21,931	
	350-Material Issues-Major	28,467	6,500	6,800	0	0	0	0	0	0	0	41,767	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	18,899	0	0	0	0	0	0	0	0	0	18,899	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	2,275	445	580	0	0	0	264	900	1,056	0	5,521	
	914-Pension and Benefits Load	8,562	1,419	1,850	0	0	0	842	2,870	3,367	0	18,911	
	915-Injuries and Damages Load	2,206	428	558	0	0	0	254	865	1,015	0	5,326	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	2,375	791	828	0	0	0	0	0	0	0	3,993	
	922-Minor Material Load	107	0	0	0	0	0	0	0	0	0	107	
	925-E and S Loads	8,422	2,424	2,892	0	0	0	821	2,799	3,284	0	20,643	
	926-A and G Loads	5,107	1,070	1,255	0	0	0	314	1,070	1,255	0	10,071	
	928-AFUDC Debt Reg	1,031	237	293	325	327	329	339	376	439	474	4,168	
	929-AFUDC - Equity Regular	1,556	338	418	463	466	469	484	538	626	676	6,036	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	111,666	20,011	23,761	788	793	798	7,089	22,278	26,130	1,150	214,464	
	825-Clearings	-29,487	0	0	0	0	0	0	0	0	-184,978	-214,464	
	Clr Sum	-29,487	0	0	0	0	0	0	0	0	-184,978	-214,464	
	Proj Net	82,180	20,011	23,761	788	793	798	7,089	22,278	26,130	-183,828	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15002114	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	57,091	0	0	0	0	0	0	0	0	0	0	0	0	57,091
	120-Overtime-General	21,931	0	0	0	0	0	0	0	0	0	0	0	0	21,931
	350-Material Issues-Major	41,767	0	0	0	0	0	0	0	0	0	0	0	0	41,767
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	18,899	0	0	0	0	0	0	0	0	0	0	0	0	18,899
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	5,521	0	0	0	0	0	0	0	0	0	0	0	0	5,521
	914-Pension and Benefits Load	18,911	0	0	0	0	0	0	0	0	0	0	0	0	18,911
	915-Injuries and Damages Load	5,326	0	0	0	0	0	0	0	0	0	0	0	0	5,326
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,993	0	0	0	0	0	0	0	0	0	0	0	0	3,993
	922-Minor Material Load	107	0	0	0	0	0	0	0	0	0	0	0	0	107
	925-E and S Loads	20,643	0	0	0	0	0	0	0	0	0	0	0	0	20,643
	926-A and G Loads	10,071	0	0	0	0	0	0	0	0	0	0	0	0	10,071
	928-AFUDC Debt Reg	4,168	0	0	0	0	0	0	0	0	0	0	0	0	4,168
	929-AFUDC - Equity Regular	6,036	0	0	0	0	0	0	0	0	0	0	0	0	6,036
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	214,464	0	0	0	0	0	0	0	0	0	0	0	0	214,464
	825-Clearings	-214,464	0	0	0	0	0	0	0	0	0	0	0	0	-214,464
	Clr Sum	-214,464	0	0	0	0	0	0	0	0	0	0	0	0	-214,464
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15002114	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	57,091	0	0	0	0	0	0	0	0	0	0	0	0	57,091
	120-Overtime-General	21,931	0	0	0	0	0	0	0	0	0	0	0	0	21,931
	350-Material Issues-Major	41,767	0	0	0	0	0	0	0	0	0	0	0	0	41,767
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	18,899	0	0	0	0	0	0	0	0	0	0	0	0	18,899
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	5,521	0	0	0	0	0	0	0	0	0	0	0	0	5,521
	914-Pension and Benefits Load	18,911	0	0	0	0	0	0	0	0	0	0	0	0	18,911
	915-Injuries and Damages Load	5,326	0	0	0	0	0	0	0	0	0	0	0	0	5,326
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,993	0	0	0	0	0	0	0	0	0	0	0	0	3,993
	922-Minor Material Load	107	0	0	0	0	0	0	0	0	0	0	0	0	107
	925-E and S Loads	20,643	0	0	0	0	0	0	0	0	0	0	0	0	20,643
	926-A and G Loads	10,071	0	0	0	0	0	0	0	0	0	0	0	0	10,071
	928-AFUDC Debt Reg	4,168	0	0	0	0	0	0	0	0	0	0	0	0	4,168
	929-AFUDC - Equity Regular	6,036	0	0	0	0	0	0	0	0	0	0	0	0	6,036
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	214,464	0	0	0	0	0	0	0	0	0	0	0	0	214,464
	825-Clearings	-214,464	0	0	0	0	0	0	0	0	0	0	0	0	-214,464
	Clr Sum	-214,464	0	0	0	0	0	0	0	0	0	0	0	0	-214,464
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 15003010 SNM Substation Equip Repl.2010

Company: 034-PNM TNMPNM Distribution
Location: 150 Distribution

Project Information

Construction Start Date 1/1/2012 Estimated Completion Date N/A

List Interim In-Service Dates

Each WO is closed as completed, with an estimated 4 clearings per year.

Project Need Justification

This annual project includes small capital projects for the replacement and upgrade of distribution substation equipment. These small projects are needed to replace equipment which is failing, cannot be readily repaired, does not meet current compliance or safety requirements, or can no longer meet system performance requirements. Typical projects include surge arrestors, grounding improvements, load tap changer rebuilds, bushing replacements, or instrument transformer replacements.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Alternatives are assessed at WO level. Various solutions are considered from repair to redesign with direct replacement being most common. Solutions must meet key criteria including meeting performance needs, address any safety or compliance issues, easy to maintain and repair, can meet desired schedule, and reasonable total owning costs.

Technical Aspects

This blanket project may be used for replacement of station batteries, lightning arrestors, transformer bushings and upgrades to substation relay protection system. Typically projects are identified through station checks and equipment testing, then prioritized for implementation. Materials are ordered and work scheduled with in-house or contract crews. Budget funding includes both materials/equipment as well as labor. Crew assignments (in-house or contract) are decided on a project by project basis depending on availability and type of work.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15003010	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	94,185	0	0	0	0	0	0	0	0	0	94,185
	120-Overtime-General	6,400	0	0	0	0	0	0	0	0	0	6,400
	350-Material Issues-Major	151,424	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	182,924
	370-Outside Services	0	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	13,985
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	2,045	0	0	0	0	0	0	0	0	0	2,045
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	31,105	0	0	0	0	0	0	0	0	0	31,105
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	7,298	0	0	0	0	0	0	0	0	0	7,298
	914-Pension and Benefits Load	28,961	0	0	0	0	0	0	0	0	0	28,961
	915-Injuries and Damages Load	8,135	0	0	0	0	0	0	0	0	0	8,135
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	4,445	426	426	426	426	426	426	426	426	426	8,278
	922-Minor Material Load	1,617	0	0	0	0	0	0	0	0	0	1,617
	925-E and S Loads	29,755	809	809	809	809	809	809	809	809	809	37,033
	926-A and G Loads	17,062	420	420	420	420	420	420	420	420	420	20,847
	928-AFUDC Debt Reg	4,879	18	14	13	13	13	13	13	13	13	5,002
	929-AFUDC - Equity Regular	10,343	25	20	19	19	19	19	19	19	19	10,519
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	397,654	6,752	6,743	6,741	6,741	6,740	6,740	6,740	6,740	6,740	458,333
	825-Clearings	-394,085	-8,257	-7,046	-6,802	-6,753	-6,743	-6,741	-6,741	-6,740	-6,740	-456,647
	Clr Sum	-394,085	-8,257	-7,046	-6,802	-6,753	-6,743	-6,741	-6,741	-6,740	-6,740	-456,647
	Proj Net	3,569	-1,505	-303	-61	-12	-2	0	0	0	0	1,685

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15003010	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	94,185	0	0	0	0	0	0	0	0	0	0	0	0	94,185
	120-Overtime-General	6,400	0	0	0	0	0	0	0	0	0	0	0	0	6,400
	350-Material Issues-Major	182,924	2,667	2,667	2,667	2,667	2,667	2,667	2,667	2,667	2,667	2,667	2,667	2,614	214,875
	370-Outside Services	13,985	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	32,633
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	2,045	0	0	0	0	0	0	0	0	0	0	0	0	2,045
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	31,105	0	0	0	0	0	0	0	0	0	0	0	0	31,105
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	7,298	0	0	0	0	0	0	0	0	0	0	0	0	7,298
	914-Pension and Benefits Load	28,961	0	0	0	0	0	0	0	0	0	0	0	0	28,961
	915-Injuries and Damages Load	8,135	0	0	0	0	0	0	0	0	0	0	0	0	8,135
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	8,278	325	325	325	325	325	325	325	325	325	325	325	318	12,171
	922-Minor Material Load	1,617	0	0	0	0	0	0	0	0	0	0	0	0	1,617
	925-E and S Loads	37,033	675	675	675	675	675	675	675	675	675	675	675	667	45,125
	926-A and G Loads	20,847	351	351	351	351	351	351	351	351	351	351	351	347	25,055
	928-AFUDC Debt Reg	5,002	8	7	7	7	7	7	7	7	7	7	7	7	5,087
	929-AFUDC - Equity Regular	10,519	0	0	0	0	0	0	0	0	0	0	0	0	10,519
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	458,333	5,580	5,579	5,579	5,579	5,579	5,579	5,579	5,579	5,579	5,579	5,579	5,507	525,210
	825-Clearings	-456,647	-5,812	-5,625	-5,588	-5,581	-5,579	-5,579	-5,579	-5,579	-5,579	-5,579	-5,579	-5,521	-523,827
	Clr Sum	-456,647	-5,812	-5,625	-5,588	-5,581	-5,579	-5,579	-5,579	-5,579	-5,579	-5,579	-5,579	-5,521	-523,827
	Proj Net	1,685	-232	-46	-9	-2	0	0	0	0	0	0	0	-14	1,382

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15003010	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	94,185	0	0	0	0	0	0	0	0	0	0	0	0	94,185
	120-Overtime-General	6,400	0	0	0	0	0	0	0	0	0	0	0	0	6,400
	350-Material Issues-Major	214,875	2,933	2,933	0	0	0	0	0	0	0	0	0	0	220,741
	370-Outside Services	32,633	1,899	1,899	0	0	0	0	0	0	0	0	0	0	36,431
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	2,045	0	0	0	0	0	0	0	0	0	0	0	0	2,045
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	31,105	0	0	0	0	0	0	0	0	0	0	0	0	31,105
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	7,298	0	0	0	0	0	0	0	0	0	0	0	0	7,298
	914-Pension and Benefits Load	28,961	0	0	0	0	0	0	0	0	0	0	0	0	28,961
	915-Injuries and Damages Load	8,135	0	0	0	0	0	0	0	0	0	0	0	0	8,135
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	12,171	357	357	0	0	0	0	0	0	0	0	0	0	12,885
	922-Minor Material Load	1,617	0	0	0	0	0	0	0	0	0	0	0	0	1,617
	925-E and S Loads	45,125	773	773	0	0	0	0	0	0	0	0	0	0	46,671
	926-A and G Loads	25,055	402	402	0	0	0	0	0	0	0	0	0	0	25,859
	928-AFUDC Debt Reg	5,087	14	22	0	0	0	0	0	0	0	0	0	0	5,123
	929-AFUDC - Equity Regular	10,519	9	13	0	0	0	0	0	0	0	0	0	0	10,541
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	525,210	6,387	6,399	0	0	0	0	0	0	0	0	0	0	537,996
	825-Clearings	-523,827	-3,884	-5,142	0	0	0	0	0	0	0	0	0	0	-532,853
	Clr Sum	-523,827	-3,884	-5,142	0	0	0	0	0	0	0	0	0	0	-532,853
	Proj Net	1,382	2,503	1,257	0	0	0	0	0	0	0	0	0	0	5,142

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Project No: 15100107 Line Extension - Residential

Company: 034-PNM TNMPNM Distribution
Location: 151 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

The project is for the capital expenditures to provide electrical services to new residential customers, apartment complexes and, residential subdivisions.

Public Service Company of New Mexico is obligated to provide electrical service to new residential customers in Alamogordo Service Territory.

Project Alternatives

Alternative methods to reach new customers are evaluated on a case-by-case basis weighing cost, efficacy, safety, and reliability.

Technical Aspects

The project includes the costs of labor for engineering, design, right-of-way acquisition, environmental review, and construction. The cost also includes electrical distribution line materials for the installation of the overhead or underground extensions. The distribution material for installation include but are not limited to primary wires, secondary wires, wood or steel poles and other supporting structures, trenches, switchgear, and duct-bank systems. Customers are responsible for these costs less credits they are allowed under PNM's Rule 15 Line Extension Policy approved by the New Mexico Public Regulatory Commission.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15100107	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	299,032	15,465	2,828	1,249	2,500	4,105	1,086	1,500	5,400	2,690	335,856	
	120-Overtime-General	8,369	656	402	547	1,000	1,498	0	1,500	0	0	13,971	
	350-Material Issues-Major	420,063	13,393	57,467	20,000	7,518	4,535	1,608	5,734	1,099	522	531,939	
	370-Outside Services	6,537	4,300	0	80,000	0	845	0	0	1,200	0	92,882	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	108,686	1,256	1,067	21,091	1,178	1,451	9,338	2,500	684	654	147,905	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	-1,227,323	-3,138	-17,815	0	-8,376	-22,384	-175,000	-6,215	-2,475	-2,349	-1,465,074	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	22,213	1,128	226	126	245	392	76	210	378	188	25,183	
	914-Pension and Benefits Load	86,715	3,598	721	401	781	1,250	242	670	1,205	600	96,185	
	915-Injuries and Damages Load	21,720	1,085	217	121	236	377	73	202	363	181	24,575	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	16,116	1,630	6,994	2,434	915	552	196	698	134	64	29,731	
	922-Minor Material Load	29,330	0	0	0	0	0	0	0	0	0	29,330	
	925-E and S Loads	125,341	6,541	10,069	19,765	2,153	2,312	1,988	1,970	1,653	774	172,567	
	926-A and G Loads	48,174	2,918	5,139	10,224	1,015	1,034	1,001	935	697	322	71,459	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	-35,026	48,833	67,315	155,958	9,165	-4,032	-159,392	9,703	10,339	3,646	106,507	
	825-Clearings	36,314	-8,520	-23,961	-50,591	-15,959	-41,284	10,591	249	-3,589	-4,390	-101,141	
	Clr Sum	36,314	-8,520	-23,961	-50,591	-15,959	-41,284	10,591	249	-3,589	-4,390	-101,141	
Proj Net		1,287	40,312	43,354	105,366	-6,794	-45,316	-148,801	9,952	6,750	-745	5,366	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15100107	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	335,856	1,364	974	3,597	3,465	2,828	1,249	1,027	2,105	1,086	1,428	888	2,690	358,557
120-Overtime-General	13,971	23	80	56	656	402	547	0	498	0	0	0	0	16,233
350-Material Issues-Major	531,939	3,251	676	7,061	13,393	7,467	1,885	7,518	4,535	1,608	5,734	1,099	522	586,688
370-Outside Services	92,882	0	0	0	0	0	0	0	0	0	0	0	0	92,882
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	147,905	1,003	1,327	12,654	1,256	1,067	12,776	1,178	1,451	9,338	737	684	654	192,030
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-1,465,074	-469	-2,985	-5,146	-3,243	-16,412	0	-8,657	-18,135	-396	-6,423	-2,558	-2,427	-1,531,925
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	25,183	97	74	256	288	226	126	72	182	76	100	62	188	26,930
914-Pension and Benefits Load	96,185	310	235	815	920	721	401	229	581	242	319	198	600	101,756
915-Injuries and Damages Load	24,575	93	71	246	277	217	121	69	175	73	96	60	181	26,254
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	29,731	396	82	859	1,630	909	229	915	552	196	698	134	64	36,395
922-Minor Material Load	29,330	0	0	0	0	0	0	0	0	0	0	0	0	29,330
925-E and S Loads	172,567	983	550	3,949	3,241	2,069	2,737	1,615	1,524	1,988	1,346	478	774	193,821
926-A and G Loads	71,459	469	254	1,944	1,562	979	1,369	809	715	1,001	657	222	322	81,762
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	106,507	7,520	1,338	26,291	23,445	473	21,440	4,775	-5,817	15,212	4,692	1,267	3,568	210,711
825-Clearings	-101,141	-4,123	-1,212	-8,092	-8,591	-9,332	-11,450	-3,828	-8,787	-22,314	-7,562	-7,663	-7,477	-201,572
Clr Sum	-101,141	-4,123	-1,212	-8,092	-8,591	-9,332	-11,450	-3,828	-8,787	-22,314	-7,562	-7,663	-7,477	-201,572
Proj Net	5,366	3,397	126	18,199	14,854	-8,859	9,990	947	-14,604	-7,102	-2,870	-6,396	-3,909	9,139

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15100107	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	358,557	1,364	974	0	0	0	0	0	0	0	0	0	0	360,895
	120-Overtime-General	16,233	0	100	0	0	0	0	0	0	0	0	0	0	16,333
	350-Material Issues-Major	586,688	3,251	676	0	0	0	0	0	0	0	0	0	0	590,615
	370-Outside Services	92,882	0	0	0	0	0	0	0	0	0	0	0	0	92,882
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	192,030	1,003	1,327	0	0	0	0	0	0	0	0	0	0	194,360
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		-1,531,925	-1,378	-2,684	0	0	0	0	0	0	0	0	0	0	-1,535,987
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	26,930	95	75	0	0	0	0	0	0	0	0	0	0	27,100
914-Pension and Benefits Load		101,756	304	240	0	0	0	0	0	0	0	0	0	0	102,300
915-Injuries and Damages Load		26,254	92	72	0	0	0	0	0	0	0	0	0	0	26,418
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		36,395	396	82	0	0	0	0	0	0	0	0	0	0	36,873
922-Minor Material Load		29,330	0	0	0	0	0	0	0	0	0	0	0	0	29,330
	925-E and S Loads	193,821	978	554	0	0	0	0	0	0	0	0	0	0	195,353
	926-A and G Loads	81,762	467	256	0	0	0	0	0	0	0	0	0	0	82,485
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	210,711	6,572	1,672	0	0	0	0	0	0	0	0	0	0	218,955
	825-Clearings	-201,572	-5,028	-1,483	0	0	0	0	0	0	0	0	0	0	-208,083
	Clr Sum	-201,572	-5,028	-1,483	0	0	0	0	0	0	0	0	0	0	-208,083
Proj Net		9,139	1,544	189	0	0	0	0	0	0	0	0	0	0	10,872

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Project No: 15100207 Line Extension - Commercial

Company: 034-PNM TNMPNM Distribution
Location: 151 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project includes capital expenditures for the installation of electrical distribution line extensions necessary to serve new or expanding non-residential customers. The project includes the costs associated with labor for engineering, design, environmental review, right of way acquisition, construction and cost of material for installation of overhead or underground distribution extension.

Project Alternatives

There are no alternatives to conducting this work. However, each line extension goes through a design process to ensure that it is designed to the minimum technical standards according to PNM Rule 15. Typically, the best option is a balance of cost, timing, and efficacy.

Technical Aspects

The construction material required for distribution line extension include but not limited to primary wire, secondary wires, wood or steel poles as required and associated distribution hardware used for complete construction of projects. Customers are responsible for these costs less credits they are allowed under PNM's Rule 15 Line Extension Policy approved by the New Mexico Public Regulatory Commission. This project provides for PNM's portion of the cost of these line extensions.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15100207	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	311,304	1,500	3,481	2,301	5,074	4,485	5,676	2,377	1,000	1,064	338,262
	120-Overtime-General	18,802	0	0	0	275	264	744	25	0	0	20,110
	350-Material Issues-Major	389,229	4,415	4,070	5,347	3,837	1,222	2,217	2,764	500	1,563	415,164
	370-Outside Services	1,336	0	0	0	0	0	0	0	0	0	1,336
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	180,547	1,165	1,184	915	1,885	1,741	2,551	1,227	953	934	193,102
	805-Land and Land Rights	2,000	0	0	0	0	0	0	0	0	0	2,000
	807-Non Refundable Contribution	-737,588	-601	-1,553	-20,336	-698	-2,740	-5,353	-1,602	-483	-1,777	-772,731
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	23,695	105	244	161	374	332	449	168	70	74	25,674
	914-Pension and Benefits Load	90,580	335	777	514	1,194	1,060	1,433	536	223	237	96,889
	915-Injuries and Damages Load	24,458	101	234	155	360	320	432	162	67	72	26,360
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	18,210	537	495	651	467	149	270	336	61	190	21,367
	922-Minor Material Load	34,777	0	0	0	0	0	0	0	0	0	34,777
	925-E and S Loads	117,106	1,219	1,598	1,503	2,080	1,508	2,160	1,161	450	631	129,417
	926-A and G Loads	48,267	589	727	712	921	642	931	532	204	296	53,821
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	522,723	9,365	11,257	-8,078	15,770	8,983	11,510	7,687	3,045	3,286	585,547
	825-Clearings	-478,126	-2,698	-1,876	-15,770	0	-13,541	-5,952	-7,963	-6,197	-42,740	-574,862
	Clr Sum	-478,126	-2,698	-1,876	-15,770	0	-13,541	-5,952	-7,963	-6,197	-42,740	-574,862
	Proj Net	44,597	6,667	9,381	-23,848	15,770	-4,558	5,559	-276	-3,152	-39,454	10,685

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15100207	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	338,262	4,463	3,256	3,488	1,753	3,481	2,345	4,763	4,987	4,256	2,377	1,000	1,064	375,495
120-Overtime-General	20,110	57	0	0	0	0	0	0	0	0	0	0	0	20,167
350-Material Issues-Major	415,164	13,015	3,263	443	3,954	4,070	4,256	3,837	3,207	2,217	2,764	507	1,563	458,260
370-Outside Services	1,336	0	0	0	0	0	0	0	0	0	0	0	0	1,336
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	193,102	1,907	900	875	975	900	875	935	900	765	950	815	850	204,749
805-Land and Land Rights	2,000	0	0	0	0	0	0	0	0	0	0	0	0	2,000
807-Non Refundable Contribution	-772,731	-2,146	0	-521	-645	-1,836	-10,537	-2,225	-1,142	-9,236	-857	-5,956	-1,725	-809,557
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	25,674	316	228	244	123	244	164	333	349	298	166	70	74	28,283
914-Pension and Benefits Load	96,889	1,009	727	779	391	777	523	1,063	1,113	950	531	223	237	105,212
915-Injuries and Damages Load	26,360	304	219	235	118	234	158	321	336	286	160	67	72	28,870
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	21,367	1,584	397	54	481	495	518	467	390	270	336	62	190	26,611
922-Minor Material Load	34,777	0	0	0	0	0	0	0	0	0	0	0	0	34,777
925-E and S Loads	129,417	3,371	1,375	970	1,170	1,553	1,331	1,800	1,743	1,404	1,112	429	618	146,293
926-A and G Loads	53,821	1,618	617	400	556	703	622	793	757	602	507	193	289	61,478
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	585,547	25,498	10,982	6,967	8,876	10,621	255	12,087	12,640	1,812	8,046	-2,590	3,232	683,973
825-Clearings	-574,862	0	-8,018	-10,606	-2,219	-1,584	-15,437	0	-13,364	-4,919	-6,802	-4,722	-12,018	-654,551
Clr Sum	-574,862	0	-8,018	-10,606	-2,219	-1,584	-15,437	0	-13,364	-4,919	-6,802	-4,722	-12,018	-654,551
Proj Net	10,685	25,498	2,964	-3,639	6,657	9,037	-15,182	12,087	-724	-3,107	1,244	-7,312	-8,786	29,422

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15100207	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	375,495	4,463	2,641	0	0	0	0	0	0	0	0	0	0	382,599
	120-Overtime-General	20,167	57	0	0	0	0	0	0	0	0	0	0	0	20,224
	350-Material Issues-Major	458,260	3,015	3,421	0	0	0	0	0	0	0	0	0	0	464,596
	370-Outside Services	1,336	0	0	0	0	0	0	0	0	0	0	0	0	1,336
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	204,749	1,907	900	0	0	0	0	0	0	0	0	0	0	207,556
	805-Land and Land Rights	2,000	0	0	0	0	0	0	0	0	0	0	0	0	2,000
	807-Non Refundable Contribution	-809,557	-2,146	-189	0	0	0	0	0	0	0	0	0	0	-811,892
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	28,283	316	185	0	0	0	0	0	0	0	0	0	0	28,784
	914-Pension and Benefits Load	105,212	1,009	589	0	0	0	0	0	0	0	0	0	0	106,810
	915-Injuries and Damages Load	28,870	304	178	0	0	0	0	0	0	0	0	0	0	29,352
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	26,611	367	416	0	0	0	0	0	0	0	0	0	0	27,394
	922-Minor Material Load	34,777	0	0	0	0	0	0	0	0	0	0	0	0	34,777
	925-E and S Loads	146,293	1,771	1,266	0	0	0	0	0	0	0	0	0	0	149,330
	926-A and G Loads	61,478	786	579	0	0	0	0	0	0	0	0	0	0	62,843
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	683,973	11,849	9,986	0	0	0	0	0	0	0	0	0	0	705,808
	825-Clearings	-654,551	0	-8,714	0	0	0	0	0	0	0	0	0	0	-663,265
	Clr Sum	-654,551	0	-8,714	0	0	0	0	0	0	0	0	0	0	-663,265
	Proj Net	29,422	11,849	1,272	0	0	0	0	0	0	0	0	0	0	42,543

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Project No: 15100507 Lighting

Company: 034-PNM TNMPNM Distribution

Location: 151 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Quarterly clearings occur during the year, with large street light projects cleared at completion of project during the year.

03-15, 06-15, 09-15, 10-15, 11-15, 12-15.

Project Need Justification

This project includes capital expenditures for the installation or removal of street lighting systems under contract with any municipal corporation. PNM installed security lights per customer request in Southern New Mexico until 2012. In maintaining current lights, older fixtures that burn out are replaced with new light fixtures meeting the New Mexico Night Sky Act. Older fixtures are removed upon customer request.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

PNM must honor installation requests under PNM Rate 20. Under Rate 20 customers have the option to own streetlights and pay PNM or a contractor for their installation. When requested by a municipal corporation for the installation of a single street light location from PNM, a standard light is installed with light control.

Technical Aspects

This project includes the installation or removal of street lighting equipment such as Steel or Wood Poles, light fixtures with standoff brackets, overhead wiring, and ancillary lighting equipment.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15100507	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	88,043	577	713	663	130	800	981	787	550	930	94,174	
	120-Overtime-General	2,689	0	0	0	0	0	0	0	0	0	2,689	
	350-Material Issues-Major	319,832	4,308	410	1,500	635	1,500	1,200	1,400	1,400	150	332,335	
	370-Outside Services	61,825	0	0	0	75	0	0	0	0	0	61,900	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	53,323	330	359	253	303	473	120	554	100	330	56,144	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	-69,193	0	0	0	0	0	0	0	0	0	0	-69,193	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	6,421	40	50	46	9	56	69	55	39	65	6,850	
	914-Pension and Benefits Load	24,463	129	159	148	29	179	219	176	123	208	25,831	
	915-Injuries and Damages Load	6,781	39	48	45	9	54	66	53	37	63	7,193	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	17,953	524	50	183	77	183	146	170	170	18	19,474	
	922-Minor Material Load	27,775	0	0	0	0	0	0	0	0	0	27,775	
	925-E and S Loads	82,806	868	278	425	190	490	425	484	360	279	86,605	
	926-A and G Loads	35,214	434	123	201	95	231	191	228	171	117	37,005	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	657,931	7,250	2,190	3,464	1,553	3,965	3,417	3,907	2,949	2,159	688,784	
	825-Clearings	-617,129	-3,844	-5,104	0	-4,168	-5,533	-8,798	-3,910	-4,577	-10,359	-663,421	
	Clr Sum	-617,129	-3,844	-5,104	0	-4,168	-5,533	-8,798	-3,910	-4,577	-10,359	-663,421	
Proj Net		40,802	3,406	-2,914	3,464	-2,615	-1,568	-5,381	-3	-1,628	-8,200	25,362	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15100507	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	94,174	1,527	707	1,401	577	1,713	663	1,611	1,396	1,981	787	1,107	930	108,574
120-Overtime-General	2,689	0	333	0	737	0	370	0	422	0	711	0	0	5,262
350-Material Issues-Major	332,335	3,843	3,417	4,786	3,999	4,317	3,653	5,214	1,776	2,969	3,212	3,807	3,636	376,964
370-Outside Services	61,900	0	0	1,800	0	0	2,300	0	0	1,456	0	0	0	67,456
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	56,144	1,102	311	2,345	1,408	464	1,412	442	1,489	1,417	478	1,678	401	69,091
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-69,193	0	0	0	0	0	0	0	0	0	0	0	0	-69,193
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	6,850	107	73	98	92	120	72	113	127	139	105	77	65	8,038
914-Pension and Benefits Load	25,831	341	232	313	293	382	231	360	406	442	334	247	208	29,620
915-Injuries and Damages Load	7,193	103	70	94	88	115	70	108	122	133	101	74	63	8,334
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	19,474	468	416	582	487	525	445	635	216	361	391	463	443	24,906
922-Minor Material Load	27,775	0	0	0	0	0	0	0	0	0	0	0	0	27,775
925-E and S Loads	86,605	1,124	823	1,734	1,151	1,138	1,403	1,256	918	1,366	917	1,119	848	100,402
926-A and G Loads	37,005	538	397	860	559	540	699	605	423	651	432	548	413	43,670
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	688,784	9,153	6,779	14,013	9,391	9,314	11,318	10,344	7,295	10,915	7,468	9,120	7,007	800,901
825-Clearings	-663,421	-2,761	-3,853	-6,817	-4,101	-6,213	0	-6,474	-8,730	-14,987	-6,742	-8,375	-19,843	-752,317
Clr Sum	-663,421	-2,761	-3,853	-6,817	-4,101	-6,213	0	-6,474	-8,730	-14,987	-6,742	-8,375	-19,843	-752,317
Proj Net	25,362	6,392	2,926	7,196	5,290	3,101	11,318	3,870	-1,435	-4,072	726	745	-12,836	48,583

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15100507	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	108,574	1,527	707	0	0	0	0	0	0	0	0	0	0	110,808
	120-Overtime-General	5,262	0	333	0	0	0	0	0	0	0	0	0	0	5,595
	350-Material Issues-Major	376,964	3,843	3,417	0	0	0	0	0	0	0	0	0	0	384,224
	370-Outside Services	67,456	0	0	0	0	0	0	0	0	0	0	0	0	67,456
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	69,091	1,102	569	0	0	0	0	0	0	0	0	0	0	70,762
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-69,193	0	0	0	0	0	0	0	0	0	0	0	0	-69,193
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	8,038	107	73	0	0	0	0	0	0	0	0	0	0	8,218
	914-Pension and Benefits Load	29,620	341	232	0	0	0	0	0	0	0	0	0	0	30,193
	915-Injuries and Damages Load	8,334	103	70	0	0	0	0	0	0	0	0	0	0	8,507
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	24,906	468	416	0	0	0	0	0	0	0	0	0	0	25,790
	922-Minor Material Load	27,775	0	0	0	0	0	0	0	0	0	0	0	0	27,775
	925-E and S Loads	100,402	1,124	864	0	0	0	0	0	0	0	0	0	0	102,390
	926-A and G Loads	43,670	538	418	0	0	0	0	0	0	0	0	0	0	44,626
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	800,901	9,153	7,099	0	0	0	0	0	0	0	0	0	0	817,153
	825-Clearings	-752,317	-4,619	-6,022	0	0	0	0	0	0	0	0	0	0	-762,958
	Clr Sum	-752,317	-4,619	-6,022	0	0	0	0	0	0	0	0	0	0	-762,958
	Proj Net	48,583	4,534	1,077	0	0	0	0	0	0	0	0	0	0	54,194

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Project No: 15100607 ED Remove & Replace

Company: 034-PNM TNMPNM Distribution
Location: 151 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of individual work orders which are placed in service at various times throughout the year.

Project Need Justification

The project is for the replacement of electrical distribution line facilities damaged by storms and deteriorated through normal aging. The project also covers the required relocation of distribution facilities on government road right-of-way to accommodate construction projects such as road re-alignments and road widening. The project is generally for the replacement of like to like equipment that makes up the existing electrical distribution line facilities for both overhead and underground systems. The project drivers are the need to replace failed distribution line equipment and governmental roadway improvement projects.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This is mandatory blanket project that will have multiple projects built that are required for the safe and reliable operation of the distribution facilities for PNM customers. The alternatives to each project built are evaluated at work order level to determine the optimal solution.

Technical Aspects

The project is for the remove and replacement of existing electrical distribution line facilities for both overhead and underground systems. The project includes design, installation and removal of wire, poles, pole hardware including insulators, cross arms, cut outs, anchor assemblies, switches, protective equipment, underground cable and conduits, and other equipment.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15100607	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	545,943	11,500	12,500	10,600	12,500	20,900	12,500	9,500	5,500	4,500	645,943		
120-Overtime-General	94,798	1,700	1,500	1,779	2,072	2,066	550	1,500	1,333	-420	106,878		
350-Material Issues-Major	572,364	7,500	4,949	6,500	10,900	10,500	6,550	3,296	5,500	1,141	629,199		
370-Outside Services	203,887	0	0	0	0	0	150	0	0	0	204,037		
374-Outside Svcs Legal	5,717	0	0	0	0	0	0	0	0	0	5,717		
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	355,585	7,038	8,672	8,663	8,076	1,681	8,076	4,784	7,000	1,920	411,495		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	-160,861	-3,116	0	-4,190	-2,541	-2,354	-2,687	-10,091	0	-1,202	-187,040		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	45,619	924	980	867	1,020	1,608	914	770	478	286	53,464		
914-Pension and Benefits Load	173,897	2,946	3,125	2,763	3,252	5,126	2,913	2,455	1,525	911	198,913		
915-Injuries and Damages Load	47,573	888	942	833	981	1,546	878	740	460	275	55,116		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	36,177	913	602	791	1,327	1,278	797	401	669	139	43,094		
922-Minor Material Load	49,445	0	0	0	0	0	0	0	0	0	49,445		
925-E and S Loads	258,573	5,199	5,227	5,121	6,208	6,948	5,205	3,687	3,487	1,378	301,034		
926-A and G Loads	102,684	2,308	2,298	2,291	2,791	2,924	2,315	1,587	1,609	594	121,402		
928-AFUDC Debt Reg	11	0	0	0	0	0	0	0	0	0	11		
929-AFUDC - Equity Regular	15	0	0	0	0	0	0	0	0	0	15		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	2,331,428	37,801	40,796	36,018	46,586	52,222	38,161	18,630	27,562	9,521	2,638,725		
825-Clearings	-2,131,170	-30,948	-27,270	-35,932	-40,097	-58,681	-64,729	-27,666	-34,034	-71,516	-2,522,042		
Clr Sum	-2,131,170	-30,948	-27,270	-35,932	-40,097	-58,681	-64,729	-27,666	-34,034	-71,516	-2,522,042		
Proj Net	200,258	6,853	13,526	86	6,490	-6,460	-26,568	-9,036	-6,472	-61,995	116,683		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15100607	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	645,943	6,312	7,101	6,425	5,987	6,113	4,523	5,412	5,632	4,512	4,117	5,157	4,865	712,099
120-Overtime-General	106,878	632	875	956	1,089	1,242	1,012	1,412	1,211	1,025	1,100	1,423	1,056	119,911
350-Material Issues-Major	629,199	6,521	5,487	6,125	4,102	6,001	6,110	5,250	5,523	6,579	6,985	6,475	4,123	698,480
370-Outside Services	204,037	0	0	0	0	0	0	0	0	0	0	0	0	204,037
374-Outside Svcs Legal	5,717	0	0	0	0	0	0	0	0	0	0	0	0	5,717
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	411,495	1,501	2,323	1,776	2,563	1,951	2,687	2,103	1,865	2,587	1,876	2,369	2,417	437,513
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-187,040	0	0	0	0	0	0	0	0	0	0	0	0	-187,040
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	53,464	486	558	517	495	515	387	478	479	388	365	461	414	59,007
914-Pension and Benefits Load	198,913	1,550	1,780	1,647	1,579	1,642	1,235	1,523	1,527	1,236	1,164	1,469	1,322	216,587
915-Injuries and Damages Load	55,116	467	537	497	476	495	373	459	461	373	351	443	398	60,446
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	43,094	794	668	745	499	730	744	639	672	801	850	788	502	51,526
922-Minor Material Load	49,445	0	0	0	0	0	0	0	0	0	0	0	0	49,445
925-E and S Loads	301,034	2,795	2,986	2,871	2,607	2,873	2,612	2,662	2,672	2,672	2,553	2,847	2,335	333,519
926-A and G Loads	121,402	1,245	1,313	1,271	1,143	1,274	1,192	1,180	1,184	1,223	1,171	1,283	1,037	135,918
928-AFUDC Debt Reg	11	0	0	0	0	0	0	0	0	0	0	0	0	11
929-AFUDC - Equity Regular	15	0	0	0	0	0	0	0	0	0	0	0	0	15
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	2,638,725	22,303	23,628	22,830	20,540	22,836	20,875	21,118	21,226	21,396	20,532	22,715	18,469	2,897,193
825-Clearings	-2,522,042	-37,526	-18,763	-46,496	-13,416	-12,388	-16,955	-18,791	-26,818	-30,571	-14,592	-19,259	-45,440	-2,823,057
Clr Sum	-2,522,042	-37,526	-18,763	-46,496	-13,416	-12,388	-16,955	-18,791	-26,818	-30,571	-14,592	-19,259	-45,440	-2,823,057
Proj Net	116,683	-15,223	4,865	-23,666	7,124	10,448	3,920	2,327	-5,592	-9,175	5,940	3,456	-26,971	74,136

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15100607	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	712,099	6,312	7,101	0	0	0	0	0	0	0	0	0	0	725,512
	120-Overtime-General	119,911	632	875	0	0	0	0	0	0	0	0	0	0	121,418
	350-Material Issues-Major	698,480	6,521	8,487	0	0	0	0	0	0	0	0	0	0	713,488
	370-Outside Services	204,037	0	0	0	0	0	0	0	0	0	0	0	0	204,037
	374-Outside Svcs Legal	5,717	0	0	0	0	0	0	0	0	0	0	0	0	5,717
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	437,513	1,501	2,323	0	0	0	0	0	0	0	0	0	0	441,337
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-187,040	0	0	0	0	0	0	0	0	0	0	0	0	-187,040
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	59,007	486	558	0	0	0	0	0	0	0	0	0	0	60,051
	914-Pension and Benefits Load	216,587	1,550	1,780	0	0	0	0	0	0	0	0	0	0	219,917
	915-Injuries and Damages Load	60,446	467	537	0	0	0	0	0	0	0	0	0	0	61,450
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	51,526	794	1,033	0	0	0	0	0	0	0	0	0	0	53,353
	922-Minor Material Load	49,445	0	0	0	0	0	0	0	0	0	0	0	0	49,445
	925-E and S Loads	333,519	2,795	3,466	0	0	0	0	0	0	0	0	0	0	339,780
	926-A and G Loads	135,918	1,245	1,563	0	0	0	0	0	0	0	0	0	0	138,726
	928-AFUDC Debt Reg	11	0	0	0	0	0	0	0	0	0	0	0	0	11
	929-AFUDC - Equity Regular	15	0	0	0	0	0	0	0	0	0	0	0	0	15
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,897,193	22,303	27,723	0	0	0	0	0	0	0	0	0	0	2,947,219
	825-Clearings	-2,823,057	-26,039	-14,719	0	0	0	0	0	0	0	0	0	0	-2,863,815
	Clr Sum	-2,823,057	-26,039	-14,719	0	0	0	0	0	0	0	0	0	0	-2,863,815
	Proj Net	74,136	-3,736	13,004	0	0	0	0	0	0	0	0	0	0	83,404

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Project No: 15100707 ED System Improvements

Company: 034-PNM TNMPNM Distribution

Location: 151 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for numerous small miscellaneous distribution facility improvements to improve service and operation by providing voltage support, enhancing system protection, and maintaining or improving system reliability.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This is mandatory blanket project that will have multiple projects built that are required for the safe and reliable operation of the distribution facilities for PNM customers. The alternatives to each project built are evaluated at work order level to determine the optimal solution.

Technical Aspects

This project is for Distribution system improvements that include the design and installation of conduit systems cable, wire, poles, overhead and underground switches, transformers, voltage regulators, capacitor banks, and protection equipment. The need for the improvements are identified in several ways including; annual load analysis and system modeling of the distribution system to identify operational issues caused by normal load growth, during design of line extensions to serve new customers, operating problems that may arise during the year such as customer low voltage complaints, and replacement of obsolete equipment. Installation of wildlife equipment to prevent birds and small animals from electrocution is also included in this project to help reduce outages caused by birds and other small animals.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15100707	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	496,736		3,539	5,500	4,500	8,500	3,500	2,500	5,192	4,560	2,500	537,027
	120-Overtime-General	108,508		121	784	100	21	69	784	300	11	69	110,767
	350-Material Issues-Major	683,161		1,876	10,000	25,000	4,500	2,500	2,430	4,020	5,000	575	739,063
	370-Outside Services	457,607		203	0	0	0	0	0	123	0	0	457,933
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	335,385		1,275	8,150	2,635	265	2,682	550	1,540	1,140	2,682	356,304
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-81,294		-652	-1,717	-5,000	0	-4,000	-13,194	-11,189	-5,500	-1,500	-124,046
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	42,213		256	440	322	597	250	230	384	320	180	45,192
	914-Pension and Benefits Load	163,582		817	1,403	1,027	1,902	797	733	1,226	1,020	573	173,079
	915-Injuries and Damages Load	44,476		246	423	310	573	240	221	370	308	173	47,339
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	45,275		228	1,217	3,043	548	304	296	489	609	70	52,078
	922-Minor Material Load	60,328		0	0	0	0	0	0	0	0	0	60,328
	925-E and S Loads	252,296		1,333	4,272	5,423	2,617	1,606	1,192	2,105	1,977	1,080	273,902
	926-A and G Loads	137,325		584	2,033	2,682	1,105	728	521	930	891	485	147,283
	928-AFUDC Debt Reg	22,798		262	266	327	362	339	295	240	237	206	25,332
	929-AFUDC - Equity Regular	29,175		374	380	467	516	484	421	343	339	294	32,793
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,797,572		10,464	33,150	40,835	21,507	9,500	-3,022	6,073	10,912	7,387	2,934,376
	825-Clearings	-2,700,700		-20,394	-13,210	-17,726	-24,239	-20,514	-22,644	-9,665	-21,537	-13,400	-2,864,029
	Clr Sum	-2,700,700		-20,394	-13,210	-17,726	-24,239	-20,514	-22,644	-9,665	-21,537	-13,400	-2,864,029
Proj Net		96,872		-9,930	19,940	23,109	-2,733	-11,014	-25,667	-3,592	-10,625	-6,012	70,347

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15100707	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	537,027	2,784	6,285	9,094	1,539	9,874	3,456	2,093	12,780	14,521	5,192	4,521	4,123	613,289
120-Overtime-General	110,767	650	0	317	121	1,203	0	0	328	454	6	11	69	113,926
350-Material Issues-Major	739,063	9,875	9,219	6,321	8,876	6,217	8,637	8,369	8,673	7,985	6,526	7,005	5,523	832,289
370-Outside Services	457,933	0	0	0	0	0	0	0	0	0	0	0	0	457,933
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	356,304	2,264	3,060	2,720	1,969	2,485	2,235	2,062	2,895	3,240	3,076	2,140	2,682	387,132
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-124,046	0	0	0	0	0	0	0	0	0	0	0	0	-124,046
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	45,192	240	440	659	116	775	242	146	918	1,048	364	317	293	50,750
914-Pension and Benefits Load	173,079	766	1,403	2,101	370	2,472	771	467	2,926	3,342	1,160	1,012	936	190,805
915-Injuries and Damages Load	47,339	231	423	633	112	745	233	141	882	1,008	350	305	282	52,684
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	52,078	1,202	1,122	769	1,080	757	1,051	1,019	1,056	972	794	853	672	63,425
922-Minor Material Load	60,328	0	0	0	0	0	0	0	0	0	0	0	0	60,328
925-E and S Loads	273,902	2,690	3,333	3,495	2,097	3,804	2,492	2,125	4,704	5,056	2,668	2,450	2,225	311,041
926-A and G Loads	147,283	1,296	1,545	1,535	1,040	1,646	1,192	1,042	2,053	2,180	1,231	1,138	1,031	164,212
928-AFUDC Debt Reg	25,332	142	166	178	161	169	192	200	214	244	242	253	227	27,720
929-AFUDC - Equity Regular	32,793	0	0	0	0	0	0	0	0	0	0	0	0	32,793
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	2,934,376	22,140	26,996	27,822	17,481	30,147	20,501	17,664	37,429	40,050	21,609	20,005	18,063	3,234,283
825-Clearings	-2,864,029	-11,098	-20,593	-32,372	-19,137	-12,291	-14,393	-19,714	-21,139	-31,968	-14,948	-33,998	-22,176	-3,117,856
Clr Sum	-2,864,029	-11,098	-20,593	-32,372	-19,137	-12,291	-14,393	-19,714	-21,139	-31,968	-14,948	-33,998	-22,176	-3,117,856
Proj Net	70,347	11,042	6,403	-4,550	-1,656	17,856	6,108	-2,050	16,290	8,082	6,661	-13,993	-4,113	116,427

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15100707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	613,289	2,784	6,285	0	0	0	0	0	0	0	0	0	0	622,358
	120-Overtime-General	113,926	650	0	0	0	0	0	0	0	0	0	0	0	114,576
	350-Material Issues-Major	832,289	9,875	9,219	0	0	0	0	0	0	0	0	0	0	851,383
	370-Outside Services	457,933	0	875	0	0	0	0	0	0	0	0	0	0	458,808
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	387,132	2,264	3,031	0	0	0	0	0	0	0	0	0	0	392,427
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-124,046	0	0	0	0	0	0	0	0	0	0	0	0	-124,046
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	50,750	240	440	0	0	0	0	0	0	0	0	0	0	51,430
	914-Pension and Benefits Load	190,805	766	1,403	0	0	0	0	0	0	0	0	0	0	192,974
	915-Injuries and Damages Load	52,684	231	423	0	0	0	0	0	0	0	0	0	0	53,338
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	63,425	1,202	1,122	0	0	0	0	0	0	0	0	0	0	65,749
	922-Minor Material Load	60,328	0	0	0	0	0	0	0	0	0	0	0	0	60,328
	925-E and S Loads	311,041	2,690	3,468	0	0	0	0	0	0	0	0	0	0	317,199
	926-A and G Loads	164,212	1,296	1,615	0	0	0	0	0	0	0	0	0	0	167,123
	928-AFUDC Debt Reg	27,720	404	432	0	0	0	0	0	0	0	0	0	0	28,556
	929-AFUDC - Equity Regular	32,793	239	256	0	0	0	0	0	0	0	0	0	0	33,288
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,234,283	22,641	28,569	0	0	0	0	0	0	0	0	0	0	3,285,493
	825-Clearings	-3,117,856	-16,688	-28,680	0	0	0	0	0	0	0	0	0	0	-3,163,224
	Clr Sum	-3,117,856	-16,688	-28,680	0	0	0	0	0	0	0	0	0	0	-3,163,224
	Proj Net	116,427	5,953	-111	0	0	0	0	0	0	0	0	0	0	122,269

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Project No: 15100807 Services

Company: 034-PNM TNMPNM Distribution
Location: 151 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

04-2015, 07-2015, 10-2015, 12-2015. Quarterly clearings occur every year thereafter.

Project Need Justification

This project provides for the connection of residential and non-residential customers' electrical facilities to PNM's distribution system. The project includes the cost of PNM labor, PNM transportation and material. Project includes cost of replacement of customer service conductors due to service upgrade or deteriorated service conductors. PNM is obligated to serve customers within its service territory. PNM and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Each service to a new residential customer or a non-residential customer to be served with an overhead service are evaluated with the review of service location, service wire length and route as defined to maintain service voltage within regulatory requirements. Non-residential customers located in underground electric distribution areas, or residential or non-residential customers located in an overhead electric distribution areas but requesting and underground service, are required to provide the service wires per PNM rules. This project is required to provide service to new and upgrading customers.

Technical Aspects

This project includes the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where PNM wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer. Materials include overhead and underground, three or four, bundled wire service conductor and associated connecting or terminating parts.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15100807	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	555,654		6,774	8,186	6,059	5,711	8,229	8,439	8,678	6,816	7,139	621,685
	120-Overtime-General	11,035		10	0	0	40	73	203	0	0	7	11,368
	350-Material Issues-Major	253,268		2,836	1,906	1,213	1,863	4,488	5,800	1,487	3,921	1,302	278,086
	370-Outside Services	49,790		0	0	0	0	0	0	0	0	0	49,790
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	353,308		3,201	3,514	1,904	2,276	2,179	3,288	4,447	2,903	3,418	380,438
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	40,889		475	573	424	403	581	605	607	477	500	45,535
	914-Pension and Benefits Load	155,100		1,514	1,827	1,352	1,284	1,853	1,929	1,937	1,521	1,595	169,912
	915-Injuries and Damages Load	41,942		457	551	408	387	559	582	584	459	481	46,408
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	8,697		345	232	148	227	546	706	181	477	158	11,718
	922-Minor Material Load	4,260		0	0	0	0	0	0	0	0	0	4,260
	925-E and S Loads	165,472		2,443	2,649	1,818	1,914	2,874	3,335	2,838	2,575	2,311	188,230
	926-A and G Loads	59,429		1,067	1,132	764	823	1,245	1,475	1,216	1,135	987	69,273
	928-AFUDC Debt Reg	9,067		0	0	0	0	0	0	0	0	0	9,067
	929-AFUDC - Equity Regular	1,519		0	0	0	0	0	0	0	0	0	1,519
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,709,430		19,122	20,571	14,090	14,926	22,627	26,363	21,976	20,284	17,899	1,887,289
	825-Clearings	-1,648,506		-64,036	0	0	-52,477	0	0	-67,268	0	-55,001	-1,887,289
	Clr Sum	-1,648,506		-64,036	0	0	-52,477	0	0	-67,268	0	-55,001	-1,887,289
	Proj Net	60,923		-44,914	20,571	14,090	-37,551	22,627	26,363	-45,292	20,284	-37,101	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15100807	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	621,685	5,442	6,877	9,028	6,774	8,186	6,059	5,711	8,229	8,439	8,678	6,816	7,139	709,063	
120-Overtime-General	11,368	0	0	0	0	0	0	0	0	0	0	0	0	11,368	
350-Material Issues-Major	278,086	6,366	2,911	6,334	2,836	4,906	1,213	4,863	4,488	5,800	1,487	3,921	1,302	324,513	
370-Outside Services	49,790	0	0	0	0	0	0	0	0	0	0	0	0	49,790	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	380,438	3,871	3,960	3,458	3,201	3,514	1,904	2,276	2,179	3,288	4,447	2,903	3,418	418,857	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	45,535	381	481	632	474	573	424	400	576	591	607	477	500	51,651	
914-Pension and Benefits Load	169,912	1,215	1,535	2,015	1,512	1,827	1,352	1,275	1,837	1,884	1,937	1,521	1,593	189,415	
915-Injuries and Damages Load	46,408	366	463	608	456	551	408	384	554	568	584	459	480	52,289	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	11,718	775	354	771	345	597	148	592	546	706	181	477	158	17,368	
922-Minor Material Load	4,260	0	0	0	0	0	0	0	0	0	0	0	0	4,260	
925-E and S Loads	188,230	2,823	2,596	3,532	2,441	3,129	1,818	2,385	2,858	3,291	2,838	2,575	2,309	220,825	
926-A and G Loads	69,273	1,304	1,144	1,566	1,066	1,382	764	1,069	1,239	1,458	1,216	1,135	987	83,603	
928-AFUDC Debt Reg	9,067	0	0	0	0	0	0	0	0	0	0	0	0	9,067	
929-AFUDC - Equity Regular	1,519	0	0	0	0	0	0	0	0	0	0	0	0	1,519	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	1,887,289	22,543	20,321	27,944	19,105	24,665	14,090	18,955	22,506	26,025	21,975	20,284	17,886	2,143,588	
825-Clearings	-1,887,289	0	0	0	-71,929	0	0	-60,554	0	0	-68,516	0	-55,301	-2,143,589	
Clr Sum	-1,887,289	0	0	0	-71,929	0	0	-60,554	0	0	-68,516	0	-55,301	-2,143,589	
Proj Net	0	22,543	20,321	27,944	-52,824	24,665	14,090	-41,599	22,506	26,025	-46,541	20,284	-37,415	-1	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15100807	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	709,063	5,442	6,877	0	0	0	0	0	0	0	0	0	0	721,382
	120-Overtime-General	11,368	0	0	0	0	0	0	0	0	0	0	0	0	11,368
	350-Material Issues-Major	324,513	6,366	4,911	0	0	0	0	0	0	0	0	0	0	335,790
	370-Outside Services	49,790	0	0	0	0	0	0	0	0	0	0	0	0	49,790
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	418,857	2,785	3,210	0	0	0	0	0	0	0	0	0	0	424,852
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	51,651	381	481	0	0	0	0	0	0	0	0	0	0	52,513
	914-Pension and Benefits Load	189,415	1,215	1,535	0	0	0	0	0	0	0	0	0	0	192,165
	915-Injuries and Damages Load	52,289	366	463	0	0	0	0	0	0	0	0	0	0	53,118
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	17,368	775	598	0	0	0	0	0	0	0	0	0	0	18,741
	922-Minor Material Load	4,260	0	0	0	0	0	0	0	0	0	0	0	0	4,260
	925-E and S Loads	220,825	2,649	2,796	0	0	0	0	0	0	0	0	0	0	226,270
	926-A and G Loads	83,603	1,214	1,248	0	0	0	0	0	0	0	0	0	0	86,065
	928-AFUDC Debt Reg	9,067	0	0	0	0	0	0	0	0	0	0	0	0	9,067
	929-AFUDC - Equity Regular	1,519	0	0	0	0	0	0	0	0	0	0	0	0	1,519
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,143,588	21,193	22,119	0	0	0	0	0	0	0	0	0	0	2,186,900
	825-Clearings	-2,143,589	0	0	0	0	0	0	0	0	0	0	0	0	-2,143,589
	Clr Sum	-2,143,589	0	0	0	0	0	0	0	0	0	0	0	0	-2,143,589
	Proj Net	-1	21,193	22,119	0	0	0	0	0	0	0	0	0	0	43,311

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Project No: 15100907 Transformers

Company: 034-PNM TNMPNM Distribution
Location: 151 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

01-15,02-15,03-15,04-15,05-15,06-15,07-15,08-15,09-15,10-15,11-15,12-15. Monthly clearings occur every year thereafter.

Project Need Justification

This project is for the purchase and installation of transformers required in providing electrical service to new customer loads, increased customer loads and for outage restorations from failed transformers.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project is necessary to replace failed equipment and meet new or growing customer needs. For service to new customers consideration is given to serving customers from existing transformers or installing a new transformer for the customer requested voltage and sized appropriately from the customer provided electric load information. For electrical service to existing customer load increase the current loading is reviewed to determine if possible to use same transformer, change out to larger transformer is required or addition of new transformer in Distribution system to accommodate the customer projected load increase.

Technical Aspects

This project includes the cost for the purchase and installation of distribution transformers. These transformers reduce the primary distribution voltage of 7,200 volts to a usable level required for residential and non-residential customer; secondary voltages generally range from 120 volts to 480 volts. The installation costs include PNM labor, transportation and the ancillary material required for the transformer operation.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15100907	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	63,933	1,780	1,523	1,105	698	740	560	1,092	495	2,212	74,137
	120-Overtime-General	8,622	813	66	235	601	442	162	0	118	479	11,540
	350-Material Issues-Major	1,533,947	19,539	15,109	9,496	13,795	12,300	16,550	13,412	9,784	6,500	1,650,431
	370-Outside Services	11,556	5,296	12	30	0	4,900	0	0	0	0	21,794
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	44,670	1,040	865	660	530	303	275	777	368	1,690	51,177
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-14,301	-4,505	0	0	0	0	0	0	0	0	-9,687	-28,492
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	5,170	181	111	94	91	83	51	76	43	188	6,089
	914-Pension and Benefits Load	19,686	579	355	299	290	264	161	244	137	601	22,615
	915-Injuries and Damages Load	5,538	174	107	90	87	80	49	73	41	181	6,421
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	816	2,378	1,839	1,156	1,679	1,497	2,014	1,632	1,191	791	14,993
	922-Minor Material Load	1,088	0	0	0	0	0	0	0	0	0	1,088
	925-E and S Loads	248,248	4,704	2,903	1,922	2,575	3,058	2,849	2,508	1,758	1,896	272,421
	926-A and G Loads	107,341	2,368	1,462	959	1,300	1,555	1,460	1,271	896	905	119,517
	928-AFUDC Debt Reg	55	0	0	0	0	0	0	0	0	0	55
	929-AFUDC - Equity Regular	78	0	0	0	0	0	0	0	0	0	78
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,036,450	34,348	24,351	16,046	21,645	25,220	24,130	21,086	14,830	5,757	2,223,864
	825-Clearings	-2,013,337	-45,969	-28,675	-18,572	-21,031	-24,382	-24,180	-21,705	-16,205	-7,846	-2,221,902
	Clr Sum	-2,013,337	-45,969	-28,675	-18,572	-21,031	-24,382	-24,180	-21,705	-16,205	-7,846	-2,221,902
Proj Net	23,113	-11,621	-4,324	-2,526	615	838	-50	-619	-1,375	-2,090	1,962	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15100907	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	74,137	1,277	89	880	1,780	1,523	1,105	698	740	560	1,092	495	2,212	86,588
120-Overtime-General	11,540	0	0	0	813	66	235	601	442	162	0	118	479	14,456
350-Material Issues-Major	1,650,431	8,220	9,500	17,846	19,539	15,109	9,496	13,795	12,414	16,550	17,412	9,784	13,530	1,813,626
370-Outside Services	21,794	0	0	0	4,431	0	0	0	4,167	0	0	0	0	30,392
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	51,177	732	68	395	1,040	865	660	532	303	275	777	368	1,690	58,882
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-28,492	0	0	0	0	0	0	0	0	0	0	0	0	-28,492
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	6,089	89	6	62	181	111	94	91	83	51	76	43	188	7,164
914-Pension and Benefits Load	22,615	285	20	196	579	355	299	290	264	161	244	137	601	26,046
915-Injuries and Damages Load	6,421	86	6	59	174	107	90	87	80	49	73	41	181	7,454
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	14,993	1,000	1,156	2,172	2,378	1,839	1,156	1,679	1,511	2,014	2,119	1,191	1,647	34,855
922-Minor Material Load	1,088	0	0	0	0	0	0	0	0	0	0	0	0	1,088
925-E and S Loads	272,421	1,710	1,550	3,110	4,566	2,902	1,917	2,575	2,959	2,849	3,148	1,758	3,021	304,486
926-A and G Loads	119,517	851	803	1,591	2,297	1,461	957	1,300	1,503	1,460	1,604	896	1,490	135,730
928-AFUDC Debt Reg	55	0	0	0	0	0	0	0	0	0	0	0	0	55
929-AFUDC - Equity Regular	78	0	0	0	0	0	0	0	0	0	0	0	0	78
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	2,223,864	14,250	13,198	26,311	37,778	24,338	16,009	21,648	24,466	24,131	26,545	14,831	25,039	2,492,408
825-Clearings	-2,221,902	-12,970	-13,153	-23,679	-34,958	-26,461	-18,099	-20,938	-23,760	-24,056	-26,048	-17,074	-23,446	-2,486,544
Clr Sum	-2,221,902	-12,970	-13,153	-23,679	-34,958	-26,461	-18,099	-20,938	-23,760	-24,056	-26,048	-17,074	-23,446	-2,486,544
Proj Net	1,962	1,280	45	2,632	2,820	-2,123	-2,090	710	706	75	497	-2,243	1,593	5,864

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15100907	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	86,588	1,277	89	0	0	0	0	0	0	0	0	0	0	87,954
	120-Overtime-General	14,456	0	0	0	0	0	0	0	0	0	0	0	0	14,456
	350-Material Issues-Major	1,813,626	8,220	9,500	0	0	0	0	0	0	0	0	0	0	1,831,346
	370-Outside Services	30,392	0	0	0	0	0	0	0	0	0	0	0	0	30,392
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	58,882	865	1,254	0	0	0	0	0	0	0	0	0	0	61,001
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		-28,492	0	0	0	0	0	0	0	0	0	0	0	0	-28,492
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	7,164	89	6	0	0	0	0	0	0	0	0	0	0	7,259
	914-Pension and Benefits Load	26,046	285	20	0	0	0	0	0	0	0	0	0	0	26,351
	915-Injuries and Damages Load	7,454	86	6	0	0	0	0	0	0	0	0	0	0	7,546
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	34,855	1,000	1,156	0	0	0	0	0	0	0	0	0	0	37,011
	922-Minor Material Load	1,088	0	0	0	0	0	0	0	0	0	0	0	0	1,088
	925-E and S Loads	304,486	1,732	1,740	0	0	0	0	0	0	0	0	0	0	307,958
	926-A and G Loads	135,730	862	902	0	0	0	0	0	0	0	0	0	0	137,494
	928-AFUDC Debt Reg	55	0	0	0	0	0	0	0	0	0	0	0	0	55
	929-AFUDC - Equity Regular	78	0	0	0	0	0	0	0	0	0	0	0	0	78
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,492,408	14,416	14,673	0	0	0	0	0	0	0	0	0	0	2,521,497
	825-Clearings	-2,486,544	-16,222	-14,983	0	0	0	0	0	0	0	0	0	0	-2,517,749
	Clr Sum	-2,486,544	-16,222	-14,983	0	0	0	0	0	0	0	0	0	0	-2,517,749
Proj Net		5,864	-1,806	-310	0	0	0	0	0	0	0	0	0	0	3,748

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Project No: 15200507 Lighting

Company: 034-PNM TNMPNM Distribution
Location: 152 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Quarterly clearings occur during the year, with large street light projects cleared at completion of project during the year.
03-15, 06-15, 09-15, 10-15, 11-15, 12-15.

Project Need Justification

This project includes capital expenditures for the installation or removal of street lighting systems under contract with any municipal corporation. PNM installed security lights per customer request in Southern New Mexico until 2012. In maintaining current lights, older fixtures that burn out are replaced with new light fixtures meeting the New Mexico Night Sky Act. Older fixtures are removed upon customer request.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

PNM must honor installation requests under PNM Rate 20. Under Rate 20 customers have the option to own streetlights and pay PNM or a contractor for their installation. When requested by a municipal corporation for the installation of a single street light location from PNM, a standard light is installed with light control.

Technical Aspects

This project includes the installation or removal of street lighting equipment such as Steel or Wood Poles, light fixtures with standoff brackets, overhead wiring, and ancillary lighting equipment.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15200507	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	85,965		1,156	1,117	1,154	716	1,379	1,245	745	2,001	1,438	96,917
	120-Overtime-General	1,111		42	0	212	0	144	0	500	0	500	2,508
	350-Material Issues-Major	43,695		535	1,500	76	1,150	264	1,150	126	1,432	1,021	50,948
	370-Outside Services	0		0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	76,312		811	770	753	397	409	509	487	1,512	1,427	83,387
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		-5,703		0	0	0	0	0	0	0	0	0	-5,703
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	6,264		84	78	96	50	107	87	87	140	136	7,129
914-Pension and Benefits Load		24,016		267	249	305	160	340	278	278	447	433	26,772
915-Injuries and Damages Load		6,726		81	75	92	48	103	84	84	135	130	7,557
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		2,834		65	183	9	140	32	140	15	174	124	3,717
	922-Minor Material Load	3,402		0	0	0	0	0	0	0	0	0	3,402
	925-E and S Loads	21,705		476	606	430	403	439	536	369	907	813	26,686
	926-A and G Loads	8,846		212	282	183	188	183	242	155	411	365	11,065
	928-AFUDC Debt Reg	0		0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular		0		0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	275,172		3,728	4,861	3,307	3,254	3,400	4,271	2,847	7,158	6,387	314,385
	825-Clearings	-248,476		-24,339	0	0	-14,005	0	0	-11,216	0	-16,348	-314,385
	Clr Sum	-248,476		-24,339	0	0	-14,005	0	0	-11,216	0	-16,348	-314,385
Proj Net		26,696		-20,611	4,861	3,307	-10,751	3,400	4,271	-8,369	7,158	-9,962	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15200507	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	96,917	1,666	1,208	2,100	1,156	1,117	1,154	716	1,379	1,245	745	2,001	483	111,887	
120-Overtime-General	2,508	0	0	58	29	0	212	0	104	0	0	0	0	2,911	
350-Material Issues-Major	50,948	1,169	1,048	911	1,035	729	976	875	564	1,160	926	1,432	1,021	62,794	
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	83,387	981	883	1,286	814	770	753	397	409	539	487	1,512	1,427	93,645	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	-5,703	0	0	0	0	0	0	0	0	0	0	0	0	-5,703	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	7,129	117	85	151	83	78	96	50	104	87	52	140	34	8,206	
914-Pension and Benefits Load	26,772	372	270	482	265	249	305	160	331	278	166	447	108	30,205	
915-Injuries and Damages Load	7,557	112	81	145	80	75	92	48	100	84	50	135	33	8,592	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	3,717	142	128	111	126	89	119	106	69	141	113	174	124	5,159	
922-Minor Material Load	3,402	0	0	0	0	0	0	0	0	0	0	0	0	3,402	
925-E and S Loads	26,686	707	572	821	554	483	574	359	479	543	388	907	497	33,570	
926-A and G Loads	11,065	317	261	362	252	218	257	165	204	245	180	411	244	14,181	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	314,385	5,583	4,536	6,427	4,394	3,808	4,538	2,876	3,743	4,322	3,107	7,159	3,971	368,849	
825-Clearings	-314,385	0	0	0	-16,751	0	0	-12,327	0	0	-11,404	0	-13,978	-368,845	
Clr Sum	-314,385	0	0	0	-16,751	0	0	-12,327	0	0	-11,404	0	-13,978	-368,845	
Proj Net	0	5,583	4,536	6,427	-12,357	3,808	4,538	-9,451	3,743	4,322	-8,297	7,159	-10,007	4	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15200507	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	111,887	1,666	1,208	0	0	0	0	0	0	0	0	0	0	114,761
	120-Overtime-General	2,911	0	0	0	0	0	0	0	0	0	0	0	0	2,911
	350-Material Issues-Major	62,794	869	1,348	0	0	0	0	0	0	0	0	0	0	65,011
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	93,645	481	483	0	0	0	0	0	0	0	0	0	0	94,609
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-5,703	0	0	0	0	0	0	0	0	0	0	0	0	-5,703
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	8,206	117	85	0	0	0	0	0	0	0	0	0	0	8,408
	914-Pension and Benefits Load	30,205	372	270	0	0	0	0	0	0	0	0	0	0	30,847
	915-Injuries and Damages Load	8,592	112	81	0	0	0	0	0	0	0	0	0	0	8,785
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	5,159	106	164	0	0	0	0	0	0	0	0	0	0	5,429
	922-Minor Material Load	3,402	0	0	0	0	0	0	0	0	0	0	0	0	3,402
	925-E and S Loads	33,570	579	556	0	0	0	0	0	0	0	0	0	0	34,705
	926-A and G Loads	14,181	251	253	0	0	0	0	0	0	0	0	0	0	14,685
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	368,849	4,553	4,448	0	0	0	0	0	0	0	0	0	0	377,850
	825-Clearings	-368,845	0	0	0	0	0	0	0	0	0	0	0	0	-368,845
	Clr Sum	-368,845	0	0	0	0	0	0	0	0	0	0	0	0	-368,845
Proj Net		4	4,553	4,448	0	0	0	0	0	0	0	0	0	0	9,005

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Project No: 15200607 ED Remove & Replace

Company: 034-PNM TNMPNM Distribution

Location: 152 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual work orders which are placed in service at various times throughout the year.

Project Need Justification

The project is for the replacement of electrical distribution line facilities damaged by storms, fire and deteriorated through normal aging. The project also covers the required relocation of distribution facilities on government road right-of-way to accommodate construction projects such as road re-alignments and road widening. The project is generally for the replacement of like to like equipment that makes up the existing electrical distribution line facilities for both overhead and underground systems. The project drivers are the need to replace failed distribution line equipment and governmental roadway improvement projects.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This is mandatory blanket project that will have multiple projects built that are required for the safe and reliable operation of the distribution facilities for PNM customers. The alternatives to each project built are evaluated at work order level to determine the optimal solution.

Technical Aspects

The project is for the remove and replacement of existing electrical distribution line facilities for both overhead and underground systems. The project Includes design, installation and removal of wire, poles, pole hardware including insulators, cross arms, cut outs, anchor assemblies, switches, protective equipment, underground cable and conduits, and other equipment.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15200607	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	385,939		4,733	4,733	1,500	1,500	2,550	2,550	2,500	2,662	1,500	410,167
	120-Overtime-General	113,364		1,126	1,126	750	150	378	17	150	392	75	117,529
	350-Material Issues-Major	231,146		20,075	20,075	2,200	2,500	2,000	1,475	1,953	2,086	1,152	284,662
	370-Outside Services	290,628		43,410	43,410	0	0	0	0	0	0	0	377,448
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	392,088		2,385	2,385	3,210	2,080	1,774	1,299	2,588	1,702	250	409,762
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-164,972		0	-2,124	-736	-1,209	-4,555	-1,549	-6,551	-1,373	0	-183,068
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	36,524		410	410	158	116	205	180	186	214	110	38,512
	914-Pension and Benefits Load	137,067		1,308	1,308	502	368	654	573	591	682	352	143,405
	915-Injuries and Damages Load	38,040		394	394	151	111	197	173	178	206	106	39,950
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	20,186		2,443	2,443	268	304	243	180	238	254	140	26,699
	922-Minor Material Load	23,813		0	0	0	0	0	0	0	0	0	23,813
	925-E and S Loads	203,621		11,815	11,815	1,355	1,092	1,241	1,003	1,303	1,271	567	235,083
	926-A and G Loads	76,103		5,968	5,968	637	518	558	444	598	569	248	91,612
	928-AFUDC Debt Reg	45		0	0	0	0	0	0	0	0	0	45
	929-AFUDC - Equity Regular	8		0	0	0	0	0	0	0	0	0	8
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,783,600		94,069	91,944	9,996	7,531	5,245	6,344	3,734	8,664	4,500	2,015,626
	825-Clearings	-1,538,118		-44,142	-42,609	-49,664	-46,891	-56,902	-55,101	-21,975	-24,916	-51,418	-1,931,734
	Clr Sum	-1,538,118		-44,142	-42,609	-49,664	-46,891	-56,902	-55,101	-21,975	-24,916	-51,418	-1,931,734
	Proj Net	245,482		49,927	49,335	-39,668	-39,360	-51,657	-48,757	-18,240	-16,252	-46,918	83,892

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15200607	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	410,167	2,945	2,311	3,897	5,414	5,166	5,156	6,414	6,184	4,094	3,721	2,275	2,298	460,042
120-Overtime-General	117,529	0	0	0	0	0	0	2,211	1,012	0	0	0	0	120,752
350-Material Issues-Major	284,662	1,864	2,688	4,132	4,410	5,090	4,802	9,679	6,285	5,581	3,136	3,349	1,850	337,528
370-Outside Services	377,448	0	0	0	0	0	0	0	0	0	0	0	0	377,448
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	409,762	2,197	675	3,210	3,339	2,224	4,341	4,848	2,848	2,086	4,155	2,733	3,498	445,916
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-183,068	0	0	0	-5,647	0	0	-6,523	-5,790	0	0	0	0	-201,028
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	38,512	206	162	273	379	362	361	604	504	287	260	159	161	42,230
914-Pension and Benefits Load	143,405	657	516	870	1,208	1,153	1,151	1,925	1,606	914	830	508	513	155,256
915-Injuries and Damages Load	39,950	198	156	262	364	348	347	580	484	276	250	153	155	43,523
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	26,699	227	327	503	537	619	584	1,178	765	679	382	408	225	33,133
922-Minor Material Load	23,813	0	0	0	0	0	0	0	0	0	0	0	0	23,813
925-E and S Loads	235,083	1,291	1,041	2,023	2,418	2,295	2,585	4,202	3,028	2,118	1,976	1,468	1,356	260,884
926-A and G Loads	91,612	583	472	935	1,095	1,038	1,190	1,926	1,359	978	916	695	636	103,435
928-AFUDC Debt Reg	45	0	0	0	0	0	0	0	0	0	0	0	0	45
929-AFUDC - Equity Regular	8	0	0	0	0	0	0	0	0	0	0	0	0	8
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	2,015,626	10,168	8,348	16,105	13,517	18,295	20,517	27,044	18,285	17,013	15,626	11,748	10,692	2,202,984
825-Clearings	-1,931,734	-25,396	-11,552	-29,363	-8,543	-8,302	-12,276	-15,368	-22,128	-25,064	-11,806	-14,522	-33,033	-2,149,087
Clr Sum	-1,931,734	-25,396	-11,552	-29,363	-8,543	-8,302	-12,276	-15,368	-22,128	-25,064	-11,806	-14,522	-33,033	-2,149,087
Proj Net	83,892	-15,228	-3,204	-13,258	4,974	9,993	8,241	11,676	-3,843	-8,051	3,820	-2,774	-22,341	53,897

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15200607	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	460,042	2,945	2,311	0	0	0	0	0	0	0	0	0	0	465,298
	120-Overtime-General	120,752	0	0	0	0	0	0	0	0	0	0	0	0	120,752
	350-Material Issues-Major	337,528	1,864	2,688	0	0	0	0	0	0	0	0	0	0	342,080
	370-Outside Services	377,448	0	0	0	0	0	0	0	0	0	0	0	0	377,448
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	445,916	2,197	706	0	0	0	0	0	0	0	0	0	0	448,819
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		-201,028	0	0	0	0	0	0	0	0	0	0	0	0	-201,028
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	42,230	206	162	0	0	0	0	0	0	0	0	0	0	42,598
914-Pension and Benefits Load		155,256	657	516	0	0	0	0	0	0	0	0	0	0	156,429
915-Injuries and Damages Load		43,523	198	156	0	0	0	0	0	0	0	0	0	0	43,877
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		33,133	227	327	0	0	0	0	0	0	0	0	0	0	33,687
	922-Minor Material Load	23,813	0	0	0	0	0	0	0	0	0	0	0	0	23,813
	925-E and S Loads	260,884	1,291	1,046	0	0	0	0	0	0	0	0	0	0	263,221
	926-A and G Loads	103,435	583	475	0	0	0	0	0	0	0	0	0	0	104,493
	928-AFUDC Debt Reg	45	0	0	0	0	0	0	0	0	0	0	0	0	45
929-AFUDC - Equity Regular		8	0	0	0	0	0	0	0	0	0	0	0	0	8
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,202,984	10,168	8,387	0	0	0	0	0	0	0	0	0	0	2,221,539
	825-Clearings	-2,149,087	-17,297	-8,273	0	0	0	0	0	0	0	0	0	0	-2,174,657
	Clr Sum	-2,149,087	-17,297	-8,273	0	0	0	0	0	0	0	0	0	0	-2,174,657
Proj Net		53,897	-7,129	114	0	0	0	0	0	0	0	0	0	0	46,882

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Project No: 15200707 ED System Improvements

Company: 034-PNM TNMPNM Distribution

Location: 152 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This project involves upgrading existing electric distribution facilities to increase load serving capabilities, provide voltage support, enhance system protection and maintaining or improve system reliability.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This is mandatory blanket project that will have multiple projects built that are required for the safe and reliable operation of the distribution facilities for PNM customers. The alternatives to each project built are evaluated at work order level to determine the optimal solution.

Technical Aspects

Distribution system improvements include the design and installation of conduit systems cable, wire, poles, overhead and underground switches, transformers, voltage regulators, capacitor banks, and protection equipment. The need for the improvements are identified in several ways including; annual load analysis and system modeling of the distribution system to identify operational issues caused by normal load growth, during design of line extensions to serve new customers, operating problems that may arise during the year such as customer low voltage complaints, and replacement of obsolete equipment. Installation of equipment to prevent birds and small animals from electrocution is also included in this project to help reduce outages caused by birds and other small animals.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15200707	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	220,550	676	2,500	4,335	1,653	800	1,356	1,750	1,358	656	235,633
	120-Overtime-General	21,035	0	0	0	0	0	0	0	0	0	21,035
	350-Material Issues-Major	301,259	1,500	4,500	977	1,529	2,055	457	1,279	775	1,404	315,735
	370-Outside Services	4,929	0	0	0	0	0	0	0	0	0	4,929
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	166,634	79	1,586	166	224	282	652	1,162	187	343	171,316
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-5,716	0	0	0	0	0	0	0	0	0	-5,716
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	16,607	47	175	303	116	56	95	123	95	46	17,663
	914-Pension and Benefits Load	62,702	151	558	968	369	179	303	391	303	146	66,069
	915-Injuries and Damages Load	17,370	45	168	292	111	54	91	118	91	44	18,385
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	18,358	183	548	119	186	250	56	156	94	171	20,120
	922-Minor Material Load	28,625	0	0	0	0	0	0	0	0	0	28,625
	925-E and S Loads	115,955	400	1,518	1,127	640	548	473	772	449	422	122,304
	926-A and G Loads	44,288	188	714	456	283	261	205	349	193	200	47,137
	928-AFUDC Debt Reg	11,218	786	660	616	562	486	426	354	333	269	15,709
	929-AFUDC - Equity Regular	13,495	1,122	942	880	802	694	608	506	475	384	19,907
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,037,310	5,175	13,869	10,238	6,476	5,666	4,720	6,959	4,353	4,085	1,098,852
	825-Clearings	-734,045	-58,604	-29,008	-29,392	-35,523	-28,824	-33,612	-14,141	-28,956	-17,080	-1,009,184
	Clr Sum	-734,045	-58,604	-29,008	-29,392	-35,523	-28,824	-33,612	-14,141	-28,956	-17,080	-1,009,184
	Proj Net	303,266	-53,428	-15,139	-19,154	-29,047	-23,159	-28,892	-7,182	-24,603	-12,995	89,668

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15200707	Year	2016												
Cost Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	235,633	978	1,684	2,284	2,023	3,188	2,108	2,288	1,092	1,053	1,582	1,055	993	255,961
120-Overtime-General	21,035	0	0	0	0	0	0	0	0	0	0	0	0	21,035
350-Material Issues-Major	315,735	1,793	1,109	4,525	4,389	4,625	3,467	5,315	4,111	1,390	2,207	1,174	2,125	351,965
370-Outside Services	4,929	0	0	0	0	0	0	0	0	0	0	0	0	4,929
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	171,316	865	1,133	872	1,119	1,402	1,252	1,339	427	947	1,260	583	519	183,034
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-5,716	0	0	0	0	0	0	0	0	0	0	0	0	-5,716
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	17,663	68	118	160	142	223	148	160	76	74	111	74	70	19,087
914-Pension and Benefits Load	66,069	218	376	510	451	712	470	511	244	235	353	236	222	70,507
915-Injuries and Damages Load	18,385	66	113	154	136	215	142	154	74	71	106	71	67	19,754
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	20,120	218	135	551	534	563	422	647	500	169	269	143	259	24,530
922-Minor Material Load	28,625	0	0	0	0	0	0	0	0	0	0	0	0	28,625
925-E and S Loads	122,304	638	725	1,361	1,322	1,658	1,214	1,563	964	603	899	511	639	134,401
926-A and G Loads	47,137	303	327	639	627	767	568	744	468	282	420	234	303	52,819
928-AFUDC Debt Reg	15,709	161	151	136	115	112	119	124	120	113	100	99	85	17,144
929-AFUDC - Equity Regular	19,907	0	0	0	0	0	0	0	0	0	0	0	0	19,907
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,098,852	5,308	5,871	11,192	10,858	13,465	9,910	12,845	8,076	4,937	7,307	4,180	5,282	1,198,083
825-Clearings	-1,009,184	-11,397	-16,996	-23,421	-13,506	-7,815	-8,776	-12,353	-10,939	-13,385	-6,085	-12,967	-8,201	-1,155,025
Clr Sum	-1,009,184	-11,397	-16,996	-23,421	-13,506	-7,815	-8,776	-12,353	-10,939	-13,385	-6,085	-12,967	-8,201	-1,155,025
Proj Net	89,668	-6,089	-11,125	-12,229	-2,648	5,650	1,134	492	-2,863	-8,448	1,222	-8,787	-2,919	43,058

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15200707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	255,961	1,278	1,684	0	0	0	0	0	0	0	0	0	0	258,923
	120-Overtime-General	21,035	0	0	0	0	0	0	0	0	0	0	0	0	21,035
	350-Material Issues-Major	351,965	1,793	2,109	0	0	0	0	0	0	0	0	0	0	355,867
	370-Outside Services	4,929	0	0	0	0	0	0	0	0	0	0	0	0	4,929
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	183,034	865	1,133	0	0	0	0	0	0	0	0	0	0	185,032
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-5,716	0	0	0	0	0	0	0	0	0	0	0	0	0	-5,716
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	19,087	89	118	0	0	0	0	0	0	0	0	0	0	19,294
	914-Pension and Benefits Load	70,607	285	376	0	0	0	0	0	0	0	0	0	0	71,268
	915-Injuries and Damages Load	19,754	86	113	0	0	0	0	0	0	0	0	0	0	19,953
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	24,530	218	257	0	0	0	0	0	0	0	0	0	0	25,005
	922-Minor Material Load	28,625	0	0	0	0	0	0	0	0	0	0	0	0	28,625
	925-E and S Loads	134,401	704	885	0	0	0	0	0	0	0	0	0	0	135,990
	926-A and G Loads	52,819	327	410	0	0	0	0	0	0	0	0	0	0	53,556
	928-AFUDC Debt Reg	17,144	145	148	0	0	0	0	0	0	0	0	0	0	17,437
	929-AFUDC - Equity Regular	19,907	86	87	0	0	0	0	0	0	0	0	0	0	20,080
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,198,083	5,876	7,320	0	0	0	0	0	0	0	0	0	0	1,211,279
	825-Clearings	-1,155,025	-5,872	-9,572	0	0	0	0	0	0	0	0	0	0	-1,170,469
	Clr Sum	-1,155,025	-5,872	-9,572	0	0	0	0	0	0	0	0	0	0	-1,170,469
Proj Net		43,058	4	-2,252	0	0	0	0	0	0	0	0	0	0	40,810

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Project No: 15200807 Services

Company: 034-PNM TNMPNM Distribution

Location: 152 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

04-2015, 07-2015, 10-2015, 12-2015. Quarterly clearings occur every year thereafter.

Project Need Justification

This project provides for the connection of residential and non-residential customers' electrical facilities to PNM's distribution system. The project includes the cost of PNM labor, PNM transportation and material. Project includes cost of replacement of customer service conductors due to service upgrade or deteriorated service conductors. PNM is obligated to serve customers within its service territory. PNM and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Each service to a new residential customer or a non-residential customer to be served with an overhead service are evaluated with the review of service location, service wire length and route as defined to maintain service voltage within regulatory requirements. Non-residential customers located in underground electric distribution areas, or residential or non-residential customers located in an overhead electric distribution areas but requesting and underground service, are required to provide the service wires per PNM rules. This project is required to provide service to new and upgrading customers.

Technical Aspects

This project includes the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where PNM wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer. Materials include overhead and underground, three or four, bundled wire service conductor and associated connecting or terminating parts.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15200807	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	335,657		3,848	4,154	3,629	3,347	2,366	5,842	4,353	4,657	3,250	371,103
	120-Overtime-General	3,624		0	40	30	0	0	0	0	0	79	3,773
	350-Material Issues-Major	81,900		0	713	1,320	1,057	4,068	1,011	3,070	0	1,215	94,354
	370-Outside Services	1,488		0	0	0	0	0	0	0	0	0	1,488
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	283,785		1,777	2,700	1,871	1,667	1,646	3,081	2,144	1,566	1,713	301,952
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	24,399		269	294	256	234	166	409	305	326	233	26,891
	914-Pension and Benefits Load	92,693		859	936	817	747	528	1,304	972	1,040	743	100,637
	915-Injuries and Damages Load	24,839		259	282	246	225	159	393	293	313	224	27,235
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,392		0	87	161	129	495	123	374	0	148	4,907
	922-Minor Material Load	1,748		0	0	0	0	0	0	0	0	0	1,748
	925-E and S Loads	84,481		1,122	1,459	1,307	1,164	1,429	1,926	1,782	1,264	1,193	97,128
	926-A and G Loads	29,986		468	633	570	505	672	827	796	518	521	35,495
	928-AFUDC Debt Reg	12,706		0	0	0	0	0	0	0	0	0	12,706
	929-AFUDC - Equity Regular	2,916		0	0	0	0	0	0	0	0	0	2,916
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	983,613		8,603	11,298	10,206	9,076	11,529	14,916	14,087	9,684	9,319	1,082,332
	825-Clearings	-975,235		-13,585	0	0	-27,181	0	0	-37,862	0	-28,469	-1,082,332
	Clr Sum	-975,235		-13,585	0	0	-27,181	0	0	-37,862	0	-28,469	-1,082,332
Proj Net		8,379		-4,982	11,298	10,206	-18,105	11,529	14,916	-23,775	9,684	-19,150	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15200807	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	371,103	2,388	2,277	3,361	1,848	2,945	2,629	3,347	3,366	2,142	2,353	2,357	1,955	402,071	
120-Overtime-General	3,773	0	0	0	0	0	0	0	0	0	0	0	0	3,773	
350-Material Issues-Major	94,354	1,425	2,206	8,085	2,512	3,413	2,320	7,322	4,068	4,511	4,070	1,776	1,215	137,277	
370-Outside Services	1,488	0	0	0	0	0	0	0	0	0	0	0	0	1,488	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	301,952	1,939	3,104	3,228	1,776	2,714	1,801	1,927	1,646	3,081	2,144	1,566	1,713	328,591	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	26,891	167	159	235	129	206	184	234	236	150	165	165	137	29,058	
914-Pension and Benefits Load	100,637	533	508	750	412	657	587	747	751	478	525	526	436	107,547	
915-Injuries and Damages Load	27,235	161	153	226	124	198	177	225	227	144	158	159	132	29,319	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	4,907	173	268	984	306	415	282	891	495	549	495	216	148	10,129	
922-Minor Material Load	1,748	0	0	0	0	0	0	0	0	0	0	0	0	1,748	
925-E and S Loads	97,128	1,058	1,345	2,542	1,088	1,621	1,232	2,208	1,647	1,681	1,506	1,048	894	114,998	
926-A and G Loads	35,495	479	631	1,221	511	755	562	1,048	755	810	713	474	406	43,860	
928-AFUDC Debt Reg	12,706	0	0	0	0	0	0	0	0	0	0	0	0	12,706	
929-AFUDC - Equity Regular	2,916	0	0	0	0	0	0	0	0	0	0	0	0	2,916	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	1,082,332	8,323	10,651	20,632	8,706	12,924	9,774	17,949	13,191	13,546	12,129	8,287	7,036	1,225,480	
825-Clearings	-1,082,332	0	0	0	-38,653	0	0	-40,250	0	0	-39,143	0	-25,109	-1,225,487	
Clr Sum	-1,082,332	0	0	0	-38,653	0	0	-40,250	0	0	-39,143	0	-25,109	-1,225,487	
Proj Net	0	8,323	10,651	20,632	-29,947	12,924	9,774	-22,301	13,191	13,546	-27,014	8,287	-18,073	-7	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15200807	Year	2017												
	Cost_Type	BegBai	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	402,071	2,388	2,277	0	0	0	0	0	0	0	0	0	0	406,736
	120-Overtime-General	3,773	0	0	0	0	0	0	0	0	0	0	0	0	3,773
	350-Material Issues-Major	137,277	1,425	2,206	0	0	0	0	0	0	0	0	0	0	140,908
	370-Outside Services	1,488	0	0	0	0	0	0	0	0	0	0	0	0	1,488
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	328,591	1,939	3,104	0	0	0	0	0	0	0	0	0	0	333,634
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	29,058	167	159	0	0	0	0	0	0	0	0	0	0	29,384
	914-Pension and Benefits Load	107,547	533	508	0	0	0	0	0	0	0	0	0	0	108,588
	915-Injuries and Damages Load	29,319	161	153	0	0	0	0	0	0	0	0	0	0	29,633
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	10,129	173	268	0	0	0	0	0	0	0	0	0	0	10,570
	922-Minor Material Load	1,748	0	0	0	0	0	0	0	0	0	0	0	0	1,748
	925-E and S Loads	114,998	1,058	1,345	0	0	0	0	0	0	0	0	0	0	117,401
	926-A and G Loads	43,860	479	631	0	0	0	0	0	0	0	0	0	0	44,970
	928-AFUDC Debt Reg	12,706	0	0	0	0	0	0	0	0	0	0	0	0	12,706
	929-AFUDC - Equity Regular	2,916	0	0	0	0	0	0	0	0	0	0	0	0	2,916
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,225,480	8,323	10,651	0	0	0	0	0	0	0	0	0	0	1,244,454
	825-Clearings	-1,225,487	0	0	0	0	0	0	0	0	0	0	0	0	-1,225,487
	Clr Sum	-1,225,487	0	0	0	0	0	0	0	0	0	0	0	0	-1,225,487
	Proj Net	-7	8,323	10,651	0	0	0	0	0	0	0	0	0	0	18,967

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Project No: 15200907 Transformers

Company: 034-PNM TNMPNM Distribution
Location: 152 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This Blanket project is for the purchase and installation of transformers required in serving new customer loads, increased customer loads and for outage restorations from failed transformers.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project is necessary to replace failed equipment and meet new or growing customer needs. For service to new customers consideration is given to serving customers from existing transformers or installing a new transformer for the customer requested voltage and sized appropriately from the customer provided electric load information. For electrical service to existing customer load increase the current loading is reviewed to determine if possible to use same transformer, change out to larger transformer is required or addition of new transformer in Distribution system to accommodate the customer projected load increase.

Technical Aspects

This project includes the cost for the purchase and installation of distribution transformers. These transformers reduce the primary distribution voltage of 7,200 volts to a usable level required for residential and non-residential customer; secondary voltages generally range from 120 volts to 480 volts. The installation costs include PNM labor, transportation and the ancillary material required for the transformer operation.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15200907	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jui	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	54,733	814	752	1,588	1,748	1,502	1,172	501	1,440	1,653	65,904
	120-Overtime-General	13,678	0	27	372	315	0	83	0	0	0	14,475
	350-Material Issues-Major	679,033	10,645	3,949	6,859	8,996	10,426	4,158	11,465	6,412	5,212	747,155
	370-Outside Services	1,055	353	726	0	0	0	0	0	0	0	2,134
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	54,970	982	495	1,170	1,277	317	585	237	236	253	60,522
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-9,520	0	0	0	0	0	0	0	0	0	-9,520
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,834	57	55	137	144	105	88	35	101	116	5,671
	914-Pension and Benefits Load	18,504	182	174	438	460	335	280	112	321	369	21,175
	915-Injuries and Damages Load	5,194	55	52	132	139	101	85	34	97	111	6,000
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	562	1,295	481	835	1,095	1,269	506	1,395	780	634	8,852
	922-Minor Material Load	884	0	0	0	0	0	0	0	0	0	884
	925-E and S Loads	117,507	2,094	997	1,711	2,093	2,046	1,032	1,981	1,377	1,234	132,072
	926-A and G Loads	50,337	1,064	495	831	1,026	1,019	499	1,015	673	592	57,552
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	991,772	17,541	8,202	14,073	17,293	17,119	8,489	16,775	11,437	10,174	1,112,877
	825-Clearings	-978,869	-24,355	-11,433	-13,545	-16,543	-17,004	-10,192	-15,459	-12,242	-10,588	-1,110,230
	Clr Sum	-978,869	-24,355	-11,433	-13,545	-16,543	-17,004	-10,192	-15,459	-12,242	-10,588	-1,110,230
	Proj Net	12,903	-6,814	-3,231	528	750	115	-1,703	1,317	-804	-413	2,647

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15200907	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	65,904	1,012	1,331	2,004	3,814	1,752	1,588	1,748	3,902	1,172	1,501	1,440	1,653	88,821
120-Overtime-General	14,475	0	0	0	0	0	0	0	0	0	0	0	0	14,475
350-Material Issues-Major	747,155	1,802	2,784	6,102	11,645	2,949	2,559	7,996	11,426	3,158	1,465	1,412	1,212	801,665
370-Outside Services	2,134	0	0	0	0	0	0	0	0	0	0	0	0	2,134
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	60,522	393	198	796	982	495	1,140	1,277	333	578	237	236	253	67,440
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-9,520	0	0	0	0	0	0	0	0	0	0	0	0	-9,520
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	5,671	71	93	140	267	123	111	122	273	82	105	101	116	7,275
914-Pension and Benefits Load	21,175	226	297	447	851	391	355	390	871	262	335	321	369	26,290
915-Injuries and Damages Load	6,000	68	90	135	257	118	107	118	263	79	101	97	111	7,544
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	8,852	219	339	743	1,417	359	311	973	1,391	384	178	172	147	15,485
922-Minor Material Load	884	0	0	0	0	0	0	0	0	0	0	0	0	884
925-E and S Loads	132,072	571	767	1,540	2,851	932	938	1,864	2,731	853	599	577	594	146,889
926-A and G Loads	57,552	267	359	741	1,368	432	440	917	1,303	408	266	257	259	64,569
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,112,877	4,629	6,258	12,648	23,452	7,551	7,549	15,405	22,493	6,976	4,787	4,613	4,714	1,233,952
825-Clearings	-1,110,230	-5,821	-6,170	-11,353	-21,032	-10,248	-8,089	-13,942	-20,782	-9,738	-5,778	-4,846	-4,742	-1,232,771
Clr Sum	-1,110,230	-5,821	-6,170	-11,353	-21,032	-10,248	-8,089	-13,942	-20,782	-9,738	-5,778	-4,846	-4,742	-1,232,771
Proj Net	2,647	-1,192	88	1,295	2,420	-2,697	-540	1,463	1,711	-2,762	-991	-233	-28	1,181

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15200907	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	88,821	1,012	331	0	0	0	0	0	0	0	0	0	0	90,164
	120-Overtime-General	14,475	0	0	0	0	0	0	0	0	0	0	0	0	14,475
	350-Material Issues-Major	801,665	1,802	8,784	0	0	0	0	0	0	0	0	0	0	812,251
	370-Outside Services	2,134	0	0	0	0	0	0	0	0	0	0	0	0	2,134
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	67,440	393	594	0	0	0	0	0	0	0	0	0	0	68,427
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		-9,520	0	0	0	0	0	0	0	0	0	0	0	0	-9,520
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	7,275	71	23	0	0	0	0	0	0	0	0	0	0	7,369
914-Pension and Benefits Load		26,290	226	74	0	0	0	0	0	0	0	0	0	0	26,590
	915-Injuries and Damages Load	7,544	68	22	0	0	0	0	0	0	0	0	0	0	7,634
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		15,485	219	1,069	0	0	0	0	0	0	0	0	0	0	16,773
	922-Minor Material Load	884	0	0	0	0	0	0	0	0	0	0	0	0	884
	925-E and S Loads	146,889	571	1,573	0	0	0	0	0	0	0	0	0	0	149,033
	926-A and G Loads	64,569	267	808	0	0	0	0	0	0	0	0	0	0	65,644
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,233,952	4,629	13,278	0	0	0	0	0	0	0	0	0	0	1,251,859
	825-Clearings	-1,232,771	-4,652	-11,553	0	0	0	0	0	0	0	0	0	0	-1,248,976
	Clr Sum	-1,232,771	-4,652	-11,553	0	0	0	0	0	0	0	0	0	0	-1,248,976
Proj Net		1,181	-23	1,725	0	0	0	0	0	0	0	0	0	0	2,883

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Project No: 15500207 Line Extension - Commercial

Company: 034-PNM TNMPNM Distribution

Location: 155 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project includes capital expenditures for the installation of electrical distribution line extensions necessary to serve new or expanding non-residential customers. The project includes the costs associated with labor for engineering, design, environmental review, right of way acquisition, construction and cost of material for installation of overhead or underground distribution extension.

Project Alternatives

There are no alternatives to conducting this work. However, each line extension goes through a design process to ensure that it is designed to the minimum technical standards according to PNM Rule 15. Typically, the best option is a balance of cost, timing, and efficacy.

Technical Aspects

The construction material required for distribution line extension include but not limited to primary wire, secondary wires, wood or steel poles as required and associated distribution hardware used for complete construction of projects. Customers are responsible for these costs less credits they are allowed under PNM's Rule 15 Line Extension Policy approved by the New Mexico Public Regulatory Commission. This project provides for PNM's portion of the cost of these line extensions.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15500207	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	642,762		4,779	10,923	14,388	9,025	15,504	5,130	5,497	3,237	8,474	719,720
	120-Overtime-General	41,177		0	878	510	1,237	193	0	0	617	0	44,612
	350-Material Issues-Major	498,751		10,826	2,973	2,484	13,328	2,228	1,987	10,475	9,100	17,207	569,358
	370-Outside Services	19,386		1,025	2,151	0	764	257	6,059	15	56	930	30,644
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	412,802		5,193	6,691	10,649	8,287	7,524	2,376	3,796	4,978	6,580	468,877
	805-Land and Land Rights	242		0	0	0	0	0	0	0	0	0	242
	807-Non Refundable Contribution	-1,355,227		-24,831	-25,664	-28,500	-32,257	-40,333	-38,472	-17,130	-3,504	-25,500	-1,591,417
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	50,059		335	826	1,043	718	1,099	359	385	270	593	55,687
	914-Pension and Benefits Load	185,112		1,067	2,634	3,325	2,290	3,504	1,145	1,227	860	1,891	203,056
	915-Injuries and Damages Load	52,923		322	794	1,003	691	1,056	345	370	259	570	58,334
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	28,685		1,318	362	302	1,622	271	242	1,275	1,107	2,094	37,278
	922-Minor Material Load	45,019		0	0	0	0	0	0	0	0	0	45,019
	925-E and S Loads	250,499		3,768	4,459	5,344	5,814	5,019	2,784	3,482	3,100	5,799	290,069
	926-A and G Loads	79,976		1,816	1,965	2,332	2,716	2,139	1,294	1,646	1,497	2,762	98,142
	928-AFUDC Debt Reg	0		0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0		0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	952,166		5,617	8,992	12,881	14,236	-1,539	-16,751	11,038	21,579	21,401	1,029,619
	825-Clearings	-949,848		-397	-496	-8,674	0	-7,246	-894	-2,481	-4,200	-16,061	-990,297
	Clr Sum	-949,848		-397	-496	-8,674	0	-7,246	-894	-2,481	-4,200	-16,061	-990,297
Proj Net		2,318		5,220	8,496	4,206	14,236	-8,785	-17,645	8,557	17,379	5,340	39,322

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15500207	Year	2016											
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	719,720	7,851	3,756	10,389	7,779	10,923	14,388	9,025	15,504	5,130	5,497	3,237	8,474	821,673
120-Overtime-General	44,612	3,572	0	0	0	878	510	1,237	403	0	0	417	0	51,629
350-Material Issues-Major	569,358	10,086	1,504	2,550	10,867	2,973	2,484	10,328	2,228	1,987	16,475	9,969	12,207	653,016
370-Outside Services	30,644	0	0	0	1,426	2,151	0	0	0	5,059	0	56	930	40,266
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	468,877	9,335	2,442	5,515	5,193	6,691	10,649	8,287	7,524	2,376	3,796	4,978	6,580	542,243
805-Land and Land Rights	242	0	0	0	0	0	0	0	0	0	0	0	0	242
807-Non Refundable Contribution	-1,591,417	-6,784	-622	-2,380	-24,831	-25,664	-47,536	-32,257	-40,333	-38,472	-17,130	-3,504	-93,576	-1,924,506
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	55,687	800	263	727	545	826	1,043	718	1,114	359	385	256	593	63,316
914-Pension and Benefits Load	203,056	2,550	838	2,319	1,736	2,634	3,325	2,290	3,551	1,145	1,227	816	1,891	227,378
915-Injuries and Damages Load	58,334	769	253	699	523	794	1,003	691	1,071	345	370	246	570	65,668
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	37,278	1,227	183	310	1,323	362	302	1,257	271	242	2,005	1,213	1,486	47,459
922-Minor Material Load	45,019	0	0	0	0	0	0	0	0	0	0	0	0	45,019
925-E and S Loads	290,069	5,594	1,449	3,552	4,491	4,459	5,344	5,212	5,023	2,624	4,440	3,196	4,999	340,452
926-A and G Loads	98,142	2,566	641	1,535	2,102	1,965	2,332	2,403	2,135	1,211	2,144	1,552	2,346	121,074
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,029,619	37,566	10,707	25,216	11,154	8,992	-6,156	9,191	-1,509	-17,994	19,209	22,432	-53,500	1,094,927
825-Clearings	-990,297	0	-14,891	-22,521	-4,328	-2,736	-24,697	0	-14,367	-3,295	-6,352	-7,143	-1,246	-1,091,873
Clr Sum	-990,297	0	-14,891	-22,521	-4,328	-2,736	-24,697	0	-14,367	-3,295	-6,352	-7,143	-1,246	-1,091,873
Proj Net	39,322	37,566	-4,184	2,695	6,826	6,256	-30,853	9,191	-15,876	-21,289	12,857	15,289	-54,746	3,054

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15500207	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	821,673	7,851	3,756	0	0	0	0	0	0	0	0	0	0	833,280
	120-Overtime-General	51,629	3,572	0	0	0	0	0	0	0	0	0	0	0	55,201
	350-Material Issues-Major	653,016	10,086	3,004	0	0	0	0	0	0	0	0	0	0	666,106
	370-Outside Services	40,266	0	0	0	0	0	0	0	0	0	0	0	0	40,266
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	542,243	9,335	2,442	0	0	0	0	0	0	0	0	0	0	554,020
	805-Land and Land Rights	242	0	0	0	0	0	0	0	0	0	0	0	0	242
	807-Non Refundable Contribution	-1,924,506	-6,784	-622	0	0	0	0	0	0	0	0	0	0	-1,931,912
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	63,316	800	263	0	0	0	0	0	0	0	0	0	0	64,379
	914-Pension and Benefits Load	227,378	2,550	838	0	0	0	0	0	0	0	0	0	0	230,766
	915-Injuries and Damages Load	65,668	769	253	0	0	0	0	0	0	0	0	0	0	66,690
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	47,459	1,227	366	0	0	0	0	0	0	0	0	0	0	49,052
	922-Minor Material Load	45,019	0	0	0	0	0	0	0	0	0	0	0	0	45,019
	925-E and S Loads	340,452	5,594	1,689	0	0	0	0	0	0	0	0	0	0	347,735
	926-A and G Loads	121,074	2,566	766	0	0	0	0	0	0	0	0	0	0	124,406
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,094,927	37,566	12,755	0	0	0	0	0	0	0	0	0	0	1,145,248
	825-Clearings	-1,091,873	0	-9,073	0	0	0	0	0	0	0	0	0	0	-1,100,946
	Clr Sum	-1,091,873	0	-9,073	0	0	0	0	0	0	0	0	0	0	-1,100,946
	Proj Net	3,054	37,566	3,682	0	0	0	0	0	0	0	0	0	0	44,302

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Project No: 15500807 Services

Company: 034-PNM TNMPNM Distribution

Location: 155 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

04-2015, 07-2015, 10-2015, 12-2015. Quarterly clearings occur every year thereafter.

Project Need Justification

This project provides for the connection of residential and non-residential customers' electrical facilities to PNM's distribution system. The project includes the cost of PNM labor, PNM transportation and material. Project includes cost of replacement of customer service conductors due to service upgrade or deteriorated service conductors. PNM is obligated to serve customers within its service territory. PNM and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Each service to a new residential customer or a non-residential customer to be served with an overhead service are evaluated with the review of service location, service wire length and route as defined to maintain service voltage within regulatory requirements. Non-residential customers located in underground electric distribution areas, or residential or non-residential customers located in an overhead electric distribution areas but requesting and underground service, are required to provide the service wires per PNM rules. This project is required to provide service to new and upgrading customers in the Silver City Service Territory.

Technical Aspects

This project includes the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where PNM wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer. Materials include overhead and underground, three or four, bundled wire service conductor and associated connecting or terminating parts.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15500807	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	1,052,279		10,974	8,762	10,383	7,541	8,139	10,683	11,722	10,317	8,029	1,138,830
	120-Overtime-General	41,423		39	557	546	64	382	207	332	102	202	43,854
	350-Material Issues-Major	266,958		694	1,350	1,463	747	2,879	2,664	2,753	1,802	3,835	285,145
	370-Outside Services	5,059		0	0	0	0	0	0	25	0	0	5,084
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	537,567		6,815	6,583	4,695	4,315	4,513	4,419	6,129	4,058	7,832	586,926
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-25,898		0	-149	149	0	0	-381	-322	-133	-627	-27,361
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	78,489		771	652	765	532	596	762	844	729	576	84,717
	914-Pension and Benefits Load	302,319		2,458	2,080	2,439	1,698	1,902	2,431	2,691	2,326	1,837	322,179
	915-Injuries and Damages Load	78,200		741	627	735	512	573	733	811	701	554	84,189
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	6,528		84	164	178	91	350	324	335	219	467	8,742
	922-Minor Material Load	3,146		0	0	0	0	0	0	0	0	0	3,146
	925-E and S Loads	234,585		3,599	3,298	3,364	2,466	3,038	3,504	4,049	3,206	3,658	264,765
	926-A and G Loads	89,652		1,541	1,435	1,422	1,054	1,324	1,495	1,744	1,354	1,655	102,677
	928-AFUDC Debt Reg	23,767		0	0	0	0	0	0	0	0	0	23,767
	929-AFUDC - Equity Regular	5,865		0	0	0	0	0	0	0	0	0	5,865
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,699,939		27,716	25,361	26,140	19,020	23,696	26,841	31,112	24,682	28,018	2,932,525
	825-Clearings	-2,634,500		-74,524	0	0	-71,321	0	0	-79,584	0	-72,596	-2,932,525
	Clr Sum	-2,634,500		-74,524	0	0	-71,321	0	0	-79,584	0	-72,596	-2,932,525
	Proj Net	65,439		-46,808	25,361	26,140	-52,301	23,696	26,841	-48,472	24,682	-44,578	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15500807	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	1,138,830	12,064	8,525	15,779	12,974	8,762	10,383	7,541	14,139	10,683	12,722	10,317	8,029	1,270,748
120-Overtime-General	43,854	106	58	40	39	557	546	64	382	207	332	0	202	46,387
350-Material Issues-Major	285,145	2,793	4,184	2,971	694	8,350	1,463	747	2,879	4,664	2,603	10,802	3,835	331,130
370-Outside Services	5,084	0	0	0	0	570	0	0	0	0	4,336	0	0	9,990
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	586,926	6,605	6,936	5,884	6,815	6,583	4,695	4,315	4,513	4,419	6,129	4,058	7,832	655,710
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-27,361	0	0	-136	0	-149	149	0	0	-381	-322	-133	-627	-28,960
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	84,717	852	601	1,107	911	652	765	532	1,016	762	914	722	576	94,127
914-Pension and Benefits Load	322,179	2,717	1,916	3,531	2,904	2,080	2,439	1,698	3,241	2,431	2,914	2,303	1,837	352,190
915-Injuries and Damages Load	84,189	819	578	1,065	876	627	735	512	977	733	879	694	554	93,238
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	8,742	340	509	362	84	1,016	178	91	350	568	317	1,315	467	14,339
922-Minor Material Load	3,146	0	0	0	0	0	0	0	0	0	0	0	0	3,146
925-E and S Loads	264,765	4,153	3,648	4,860	4,034	4,509	3,364	2,466	4,344	3,824	4,933	4,623	3,658	313,181
926-A and G Loads	102,677	1,795	1,639	2,053	1,707	2,065	1,422	1,054	1,823	1,662	2,173	2,095	1,655	123,820
928-AFUDC Debt Reg	23,767	0	0	0	0	0	0	0	0	0	0	0	0	23,767
929-AFUDC - Equity Regular	5,865	0	0	0	0	0	0	0	0	0	0	0	0	5,865
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	2,932,525	32,244	28,594	37,516	31,038	35,622	26,139	19,020	33,664	29,572	37,930	36,796	28,018	3,308,678
825-Clearings	-2,932,525	0	0	0	-103,513	0	0	-85,330	0	0	-97,997	0	-89,314	-3,308,679
Clr Sum	-2,932,525	0	0	0	-103,513	0	0	-85,330	0	0	-97,997	0	-89,314	-3,308,679
Proj Net	0	32,244	28,594	37,516	-72,475	35,622	26,139	-66,310	33,664	29,572	-60,067	36,796	-61,296	-1

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15500807	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	1,270,748	12,064	8,525	0	0	0	0	0	0	0	0	0	0	1,291,337
	120-Overtime-General	46,387	106	58	0	0	0	0	0	0	0	0	0	0	46,551
	350-Material Issues-Major	331,130	2,793	4,184	0	0	0	0	0	0	0	0	0	0	338,107
	370-Outside Services	9,990	0	0	0	0	0	0	0	0	0	0	0	0	9,990
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	655,710	6,605	6,936	0	0	0	0	0	0	0	0	0	0	669,251
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-28,960	0	0	0	0	0	0	0	0	0	0	0	0	-28,960
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	94,127	852	601	0	0	0	0	0	0	0	0	0	0	95,580
	914-Pension and Benefits Load	352,190	2,717	1,916	0	0	0	0	0	0	0	0	0	0	356,823
	915-Injuries and Damages Load	93,238	819	578	0	0	0	0	0	0	0	0	0	0	94,635
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	14,339	340	509	0	0	0	0	0	0	0	0	0	0	15,188
	922-Minor Material Load	3,146	0	0	0	0	0	0	0	0	0	0	0	0	3,146
	925-E and S Loads	313,181	4,153	3,648	0	0	0	0	0	0	0	0	0	0	320,982
	926-A and G Loads	123,820	1,795	1,639	0	0	0	0	0	0	0	0	0	0	127,254
	928-AFUDC Debt Reg	23,767	0	0	0	0	0	0	0	0	0	0	0	0	23,767
	929-AFUDC - Equity Regular	5,865	0	0	0	0	0	0	0	0	0	0	0	0	5,865
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,308,678	32,244	28,594	0	0	0	0	0	0	0	0	0	0	3,369,516
	825-Clearings	-3,308,679	0	0	0	0	0	0	0	0	0	0	0	0	-3,308,679
	Clr Sum	-3,308,679	0	0	0	0	0	0	0	0	0	0	0	0	-3,308,679
Proj Net		-1	32,244	28,594	0	0	0	0	0	0	0	0	0	0	60,837

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Project No: 15500907 Transformers

Company: 034-PNM TNMPNM Distribution

Location: 155 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This Blanket project is for the purchase and installation of transformers required in serving new customer loads, increased customer loads and for outage restorations from failed transformers.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project is necessary to replace failed equipment and meet new or growing customer needs. For service to new customers consideration is given to serving customers from existing transformers or installing a new transformer for the customer requested voltage and sized appropriately from the customer provided electric load information. For electrical service to existing customer load increase the current loading is reviewed to determine if possible to use same transformer, change out to larger transformer is required or addition of new transformer in Distribution system to accommodate the customer projected load increase.

Technical Aspects

This project includes the cost for the purchase and installation of distribution transformers. These transformers reduce the primary distribution voltage ranging from 7,200 volts to 14,400 volts to a usable level required for residential and non-residential customer; secondary voltages generally range from 120 volts to 480 volts. The installation costs include PNM labor, transportation and the ancillary material required for the transformer operation.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15500907	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	191,086	1,662	1,617	2,404	2,479	4,308	3,521	2,505	1,574	4,020	215,175	
	120-Overtime-General	53,915	1,511	1,250	8,500	3,160	5,367	2,804	927	1,043	545	79,021	
	350-Material Issues-Major	1,583,012	5,790	9,214	5,070	16,960	9,178	21,853	16,282	11,112	12,167	1,690,638	
	370-Outside Services	4,261	0	0	0	0	51	0	0	0	0	4,312	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	174,416	1,681	1,260	1,472	4,333	4,101	4,133	1,895	969	3,164	197,423	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	-105,031	-443	-2,185	-173	-653	-708	-1,715	-301	-429	-10,460	-122,099	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	17,616	222	201	763	395	677	443	240	183	320	21,060	
	914-Pension and Benefits Load	66,670	708	640	2,434	1,259	2,159	1,412	766	584	1,019	77,651	
	915-Injuries and Damages Load	18,893	214	193	734	380	651	426	231	176	307	22,204	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	3,178	705	1,121	617	2,064	1,117	2,660	1,982	1,352	1,481	16,276	
	922-Minor Material Load	2,500	0	0	0	0	0	0	0	0	0	2,500	
	925-E and S Loads	287,447	1,886	2,300	3,420	4,634	4,239	5,535	3,655	2,502	3,447	319,066	
	926-A and G Loads	118,417	886	1,110	1,452	2,241	1,914	2,688	1,798	1,223	1,655	133,383	
	928-AFUDC Debt Reg	13	0	0	0	0	0	0	0	0	0	13	
	929-AFUDC - Equity Regular	29	0	0	0	0	0	0	0	0	0	29	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	2,416,420	14,821	16,720	26,693	37,251	33,054	43,758	29,980	20,289	17,665	2,656,652	
	825-Clearings	-2,401,791	-23,561	0	0	-69,244	0	0	-99,282	0	-62,775	-2,656,652	
	Clr Sum	-2,401,791	-23,561	0	0	-69,244	0	0	-99,282	0	-62,775	-2,656,652	
Proj Net		14,630	-8,739	16,720	26,693	-31,993	33,054	43,758	-69,303	20,289	-45,110	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15500907	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	215,175	2,694	1,712	2,445	1,662	6,617	2,404	2,479	4,059	3,521	2,505	1,574	4,020	250,867
120-Overtime-General	79,021	541	2,000	302	1,511	21	245	3,160	5,367	2,804	927	1,043	545	97,487
350-Material Issues-Major	1,690,638	7,244	14,821	6,432	5,790	9,214	5,070	16,960	9,178	21,853	16,282	11,112	12,167	1,826,761
370-Outside Services	4,312	0	0	0	0	0	0	0	0	0	2,059	0	0	6,371
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	197,423	2,980	1,760	1,564	1,681	1,260	1,472	4,333	4,101	4,133	1,895	969	3,164	226,735
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-122,099	-532	0	-1,041	-418	-2,062	-167	-617	-668	-1,619	-284	-405	-9,870	-139,782
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	21,060	226	260	192	222	465	185	395	660	443	240	183	320	24,851
914-Pension and Benefits Load	77,651	722	828	613	708	1,482	591	1,259	2,104	1,412	766	584	1,019	89,739
915-Injuries and Damages Load	22,204	218	250	185	214	447	178	380	634	426	231	176	307	25,850
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	16,276	882	1,804	783	705	1,121	617	2,064	1,117	2,660	1,982	1,352	1,481	32,844
922-Minor Material Load	2,500	0	0	0	0	0	0	0	0	0	0	0	0	2,500
925-E and S Loads	319,066	2,340	3,461	1,877	1,886	3,121	1,623	4,634	4,177	5,535	3,985	2,502	3,447	357,654
926-A and G Loads	133,383	1,120	1,688	894	886	1,424	765	2,241	1,889	2,688	1,969	1,223	1,655	151,825
928-AFUDC Debt Reg	13	0	0	0	0	0	0	0	0	0	0	0	0	13
929-AFUDC - Equity Regular	29	0	0	0	0	0	0	0	0	0	0	0	0	29
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	2,656,652	18,435	28,584	14,246	14,847	23,110	12,983	37,288	32,618	43,856	32,557	20,313	18,255	2,953,744
825-Clearings	-2,656,652	0	0	0	-60,888	0	0	-70,882	0	0	-101,399	0	-63,918	-2,953,739
Clr Sum	-2,656,652	0	0	0	-60,888	0	0	-70,882	0	0	-101,399	0	-63,918	-2,953,739
Proj Net	0	18,435	28,584	14,246	-46,041	23,110	12,983	-33,594	32,618	43,856	-68,842	20,313	-45,663	5

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15500907	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	250,867	2,694	1,712	0	0	0	0	0	0	0	0	0	0	255,273
	120-Overtime-General	97,487	541	2,000	0	0	0	0	0	0	0	0	0	0	100,028
	350-Material Issues-Major	1,826,761	7,244	14,821	0	0	0	0	0	0	0	0	0	0	1,848,826
	370-Outside Services	6,371	0	0	0	0	0	0	0	0	0	0	0	0	6,371
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	226,735	2,980	1,760	0	0	0	0	0	0	0	0	0	0	231,475
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-139,782	-532	0	0	0	0	0	0	0	0	0	0	0	-140,314
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	24,851	226	260	0	0	0	0	0	0	0	0	0	0	25,337
	914-Pension and Benefits Load	89,739	722	828	0	0	0	0	0	0	0	0	0	0	91,289
	915-Injuries and Damages Load	25,850	218	250	0	0	0	0	0	0	0	0	0	0	26,318
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	32,844	882	1,804	0	0	0	0	0	0	0	0	0	0	35,530
	922-Minor Material Load	2,500	0	0	0	0	0	0	0	0	0	0	0	0	2,500
	925-E and S Loads	357,654	2,340	3,461	0	0	0	0	0	0	0	0	0	0	363,455
	926-A and G Loads	151,825	1,120	1,688	0	0	0	0	0	0	0	0	0	0	154,633
	928-AFUDC Debt Reg	13	0	0	0	0	0	0	0	0	0	0	0	0	13
	929-AFUDC - Equity Regular	29	0	0	0	0	0	0	0	0	0	0	0	0	29
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,953,744	18,435	28,584	0	0	0	0	0	0	0	0	0	0	3,000,763
	825-Clearings	-2,953,739	0	0	0	0	0	0	0	0	0	0	0	0	-2,953,739
	Clr Sum	-2,953,739	0	0	0	0	0	0	0	0	0	0	0	0	-2,953,739
Proj Net		5	18,435	28,584	0	0	0	0	0	0	0	0	0	0	47,024

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Project No: 15501307 Cable Replacement

Company: 034-PNM TNMPNM Distribution

Location: 155 Distribution

Project Information

Construction Start Date 5/1/2014

Estimated Completion Date N/A

List Interim In-Service Dates

This project consists of multiple individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for the replacement of failing underground distribution cable. Cable replacements address those cables which experience failures of their insulation causing multiple outages and/or impacting a large number of customers. Costs include engineering, project coordination, cable and conduits, contractor costs for boring and excavation.

Underground cable has a life expectancy of 30-40 years. The risk of not replacing aging and failing cable includes more frequent and extended power outages which adversely affect reliability and customer satisfaction.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

An alternative to replacing failing cable is to inject a substance to improve the integrity of insulation materials and extend the life of the cable. This technique has short comings as it does address potential problems with cable splices made during installation or the ends of cable where terminating equipment is installed. The relatively small quantities of underground construction in the Silver City area also makes cable injecting less economical for this service area.

Cable testing is another alternative, providing predictive identification of cable failures before they occur, specifically targeting the replacement of cable segments. However, the small quantities of underground construction in the Silver City area make cable testing less economical for this service area.

Technical Aspects

Cable is either replaced by pulling the cable from existing conduit and replacing it with new cable or by boring in new cable and cable using direction boring equipment. In some cases the new cable is installed along new routes to make the installation and/or future maintenance easier. Page 1

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15501307	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	31,346	0	0	0	0	0	0	0	0	0	31,346	
	120-Overtime-General	220	0	0	0	0	0	0	0	0	0	220	
	350-Material Issues-Major	29,333	0	0	0	0	0	0	0	0	0	29,333	
	370-Outside Services	115,037	0	0	0	0	0	0	0	0	0	115,037	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	22,779	0	0	0	0	0	0	0	0	0	22,779	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	2,384	0	0	0	0	0	0	0	0	0	2,384	
	914-Pension and Benefits Load	8,990	0	0	0	0	0	0	0	0	0	8,990	
	915-Injuries and Damages Load	2,419	0	0	0	0	0	0	0	0	0	2,419	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	1,523	0	0	0	0	0	0	0	0	0	1,523	
	922-Minor Material Load	2,500	0	0	0	0	0	0	0	0	0	2,500	
	925-E and S Loads	25,765	0	0	0	0	0	0	0	0	0	25,765	
	926-A and G Loads	9,853	0	0	0	0	0	0	0	0	0	9,853	
	928-AFUDC Debt Reg	987	3	3	3	3	3	3	3	3	3	1,012	
	929-AFUDC - Equity Regular	747	4	4	4	4	4	4	4	4	4	782	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	253,883	6	7	7	7	7	7	7	7	7	253,943	
	825-Clearings	-252,847	0	0	0	0	0	0	0	0	0	-252,847	
	Clr Sum	-252,847	0	0	0	0	0	0	0	0	0	-252,847	
Proj Net	1,037		6	7	7	7	7	7	7	7	7	1,097	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15501307	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	31,346	0	1,410	1,410	1,410	1,410	1,410	3,075	4,083	4,083	4,083	4,083	1,120	58,923	
120-Overtime-General	220	0	20	20	20	20	20	31	31	31	31	31	31	506	
350-Material Issues-Major	29,333	0	2,691	2,691	2,691	2,691	2,691	4,584	5,940	5,940	5,940	5,940	2,043	73,175	
370-Outside Services	115,037	0	10,970	10,970	10,970	10,970	10,970	21,933	24,310	24,310	24,310	24,310	13,132	302,192	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	7	7	7	7	7	7	7	7	7	7	7	77	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	22,779	0	3	3	3	3	3	7	7	7	7	7	7	22,836	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	2,384	0	100	100	100	100	100	217	288	288	288	288	81	4,334	
914-Pension and Benefits Load	8,990	0	319	319	319	319	319	693	918	918	918	918	257	15,207	
915-Injuries and Damages Load	2,419	0	96	96	96	96	96	209	277	277	277	277	77	4,293	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	1,523	0	327	327	327	327	327	558	723	723	723	723	249	6,857	
922-Minor Material Load	2,500	0	0	0	0	0	0	0	0	0	0	0	0	2,500	
925-E and S Loads	25,765	0	2,499	2,499	2,499	2,499	2,499	4,921	5,738	5,738	5,738	5,738	2,681	68,814	
926-A and G Loads	9,853	0	1,256	1,256	1,256	1,256	1,256	2,466	2,860	2,860	2,860	2,860	1,359	31,398	
928-AFUDC Debt Reg	1,012	2	19	45	65	81	93	119	157	191	217	238	232	2,471	
929-AFUDC - Equity Regular	782	0	0	0	0	0	0	0	0	0	0	0	0	782	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	253,943	2	19,717	19,743	19,763	19,779	19,791	38,820	45,339	45,373	45,399	45,420	21,276	594,365	
825-Clearings	-252,847	-253	-4,730	-8,183	-10,846	-12,901	-14,486	-20,083	-25,891	-30,372	-33,828	-36,494	-32,994	-483,908	
Clr Sum	-252,847	-253	-4,730	-8,183	-10,846	-12,901	-14,486	-20,083	-25,891	-30,372	-33,828	-36,494	-32,994	-483,908	
Proj Net	1,097	-251	14,987	11,560	8,917	6,878	5,305	18,737	19,448	15,001	11,571	8,926	-11,718	110,458	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15501307	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	58,923	0	1,353	0	0	0	0	0	0	0	0	0	0	60,276
	120-Overtime-General	506	0	20	0	0	0	0	0	0	0	0	0	0	526
	350-Material Issues-Major	73,175	0	2,582	0	0	0	0	0	0	0	0	0	0	75,757
	370-Outside Services	302,192	0	10,568	0	0	0	0	0	0	0	0	0	0	312,760
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	77	0	7	0	0	0	0	0	0	0	0	0	0	84
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	22,836	0	3	0	0	0	0	0	0	0	0	0	0	22,839
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,334	0	96	0	0	0	0	0	0	0	0	0	0	4,430
914-Pension and Benefits Load	15,207	0	306	0	0	0	0	0	0	0	0	0	0	0	15,513
915-Injuries and Damages Load	4,293	0	92	0	0	0	0	0	0	0	0	0	0	0	4,385
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	6,857	0	314	0	0	0	0	0	0	0	0	0	0	0	7,171
922-Minor Material Load	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	2,500
	925-E and S Loads	68,814	0	2,404	0	0	0	0	0	0	0	0	0	0	71,218
	926-A and G Loads	31,398	0	1,209	0	0	0	0	0	0	0	0	0	0	32,607
	928-AFUDC Debt Reg	2,471	350	301	0	0	0	0	0	0	0	0	0	0	3,122
929-AFUDC - Equity Regular	782	207	178	0	0	0	0	0	0	0	0	0	0	0	1,167
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	594,365	557	19,433	0	0	0	0	0	0	0	0	0	0	614,355
	825-Clearings	-483,908	-25,533	-24,131	0	0	0	0	0	0	0	0	0	0	-533,572
	Clr Sum	-483,908	-25,533	-24,131	0	0	0	0	0	0	0	0	0	0	-533,572
Proj Net	110,458	-24,976	-4,698	0	0	0	0	0	0	0	0	0	0	0	80,784

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Project No: 15501707 Silver City Pure Project

Company: 034-PNM TNMPNM Distribution
Location: 155 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

0

Project Need Justification

This work was identified through Line Patrols and includes the repair and replacement of small capital items including arrestors, cross-arms, cut-outs, capacitors, and insulators. This work is necessary to maintain reliable service and safety to the public and PNM line crews. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines requirements for following electrical and safety standards (NESC), minimizing interruption of service, and protective safety measures. By not performing this work, system reliability could be impacted and PNM personnel would be at an increased risk.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

There are no true alternatives for these smaller projects because equipment is replaced with like equipment when it has been determined that a replacement is necessary.

Technical Aspects

This project involves the like-for-like replacement of aging/obsolete or damaged equipment on distribution poles. Physical items identified for replacement include lightning arrestors, wire conductor supports such as cross-arms and insulators, cut-outs and capacitors for system voltage support. The project includes cost for PNM labor and transportation in the change of equipment.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15501707	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	61,668	1,500	1,500	500	2,500	2,500	1,500	2,500	2,500	250	76,918	
	120-Overtime-General	10,956	500	250	350	0	0	500	250	250	0	13,056	
	350-Material Issues-Major	22,666	100	1,000	0	1,250	0	1,419	1,500	1,000	200	29,135	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	47,392	0	0	0	0	0	0	0	0	0	47,392	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	4,721	140	123	60	175	175	140	193	193	18	5,935	
	914-Pension and Benefits Load	17,949	446	391	190	558	558	446	614	614	56	21,822	
	915-Injuries and Damages Load	4,783	135	118	57	168	168	135	185	185	17	5,951	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	1,105	12	122	0	152	0	173	183	122	24	1,892	
	922-Minor Material Load	2,038	0	0	0	0	0	0	0	0	0	2,038	
	925-E and S Loads	17,671	451	541	185	744	544	662	839	759	86	22,482	
	926-A and G Loads	8,116	175	229	71	312	208	284	354	312	37	10,098	
	928-AFUDC Debt Reg	78	0	0	0	0	0	0	0	0	0	78	
	929-AFUDC - Equity Regular	116	0	0	0	0	0	0	0	0	0	116	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	199,259	3,459	4,272	1,412	5,860	4,153	5,260	6,616	5,934	688	236,913	
	825-Clearings	-122,364	-64,284	-16,275	-4,385	-5,565	-4,436	-5,095	-6,312	-6,009	-2,191	-236,913	
	Clr Sum	-122,364	-64,284	-16,275	-4,385	-5,565	-4,436	-5,095	-6,312	-6,009	-2,191	-236,913	
Proj Net		76,895	-60,824	-12,002	-2,972	295	-282	165	304	-76	-1,502	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 15501707	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	76,918	500	250	3,500	5,500	3,500	4,500	3,500	5,500	3,500	5,500	2,500	250	115,418
120-Overtime-General	13,056	0	500	0	1,500	250	350	1,250	0	1,000	250	250	0	18,406
350-Material Issues-Major	29,135	1,500	1,000	1,500	100	4,500	0	2,500	0	1,500	1,500	2,500	200	45,935
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	47,392	0	0	0	0	0	0	0	0	0	0	0	0	47,392
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	5,935	35	53	245	490	263	340	333	385	315	403	193	18	9,008
914-Pension and Benefits Load	21,822	112	167	781	1,562	837	1,083	1,060	1,228	1,004	1,283	614	56	31,609
915-Injuries and Damages Load	5,951	34	50	236	471	252	326	320	370	303	387	185	17	8,902
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	1,892	183	122	183	12	548	0	304	0	183	183	304	24	3,938
922-Minor Material Load	2,038	0	0	0	0	0	0	0	0	0	0	0	0	2,038
925-E and S Loads	22,482	349	323	1,002	1,540	1,536	1,056	1,434	1,197	1,220	1,492	999	86	34,716
926-A and G Loads	10,098	166	146	416	591	686	404	603	458	499	603	437	37	15,144
928-AFUDC Debt Reg	78	0	0	0	0	0	0	0	0	0	0	0	0	78
929-AFUDC - Equity Regular	116	0	0	0	0	0	0	0	0	0	0	0	0	116
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	236,913	2,879	2,611	7,863	11,766	12,372	8,059	11,304	9,138	9,524	11,601	7,982	688	332,700
825-Clearings	-236,913	-2,302	-2,549	-6,800	-10,773	-12,052	-8,857	-10,814	-9,473	-9,513	-11,183	-8,621	-2,844	-332,694
Clr Sum	-236,913	-2,302	-2,549	-6,800	-10,773	-12,052	-8,857	-10,814	-9,473	-9,513	-11,183	-8,621	-2,844	-332,694
Proj Net	0	577	62	1,063	993	320	-798	490	-335	11	418	-639	-2,156	6

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15501707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	115,418	0	0	0	0	0	0	0	0	0	0	0	0	115,418
	120-Overtime-General	18,406	0	0	0	0	0	0	0	0	0	0	0	0	18,406
	350-Material Issues-Major	45,935	0	0	0	0	0	0	0	0	0	0	0	0	45,935
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	47,392	0	0	0	0	0	0	0	0	0	0	0	0	47,392
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	9,008	0	0	0	0	0	0	0	0	0	0	0	0	9,008
914-Pension and Benefits Load	31,609	0	0	0	0	0	0	0	0	0	0	0	0	0	31,609
915-Injuries and Damages Load	8,902	0	0	0	0	0	0	0	0	0	0	0	0	0	8,902
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	3,938	0	0	0	0	0	0	0	0	0	0	0	0	0	3,938
922-Minor Material Load	2,038	0	0	0	0	0	0	0	0	0	0	0	0	0	2,038
	925-E and S Loads	34,716	0	0	0	0	0	0	0	0	0	0	0	0	34,716
	926-A and G Loads	15,144	0	0	0	0	0	0	0	0	0	0	0	0	15,144
	928-AFUDC Debt Reg	78	0	0	0	0	0	0	0	0	0	0	0	0	78
929-AFUDC - Equity Regular	116	0	0	0	0	0	0	0	0	0	0	0	0	0	116
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	332,700	0	0	0	0	0	0	0	0	0	0	0	0	332,700
	825-Clearings	-332,694	0	0	0	0	0	0	0	0	0	0	0	0	-332,694
	Clr Sum	-332,694	0	0	0	0	0	0	0	0	0	0	0	0	-332,694
Proj Net	6	6	0	0	0	0	0	0	0	0	0	0	0	0	6

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Project No: 20000207 Line Extensions - Commercial

Company: 001-Electric Services

Location: 200 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project includes capital expenditures for the installation of electrical distribution line extensions necessary to serve new or expanding non-residential customers. The project includes the costs associated with labor for engineering, design, environmental review, right of way acquisition, construction and cost of material for installation of overhead or underground distribution extension.

Project Alternatives

There are no alternatives to conducting this work. However, each line extension goes through a design process to ensure that it is designed to the minimum technical standards according to PNM Rule 15. Typically, the best option is a balance of cost, timing, and efficacy.

Technical Aspects

The construction material required for distribution line extension include but not limited to primary wire, secondary wires, wood or steel poles as required and associated distribution hardware used for complete construction of projects. Customers are responsible for these costs less credits they are allowed under PNM's Rule 15 Line Extension Policy approved by the New Mexico Public Regulatory Commission. This project provides for PNM's portion of the cost of these line extensions.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	20000207	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	238,929	1,511	2,566	1,745	5,568	3,332	7,000	2,500	6,500	2,185	271,836	
	120-Overtime-General	12,074	0	0	0	260	0	116	0	0	0	12,449	
	350-Material Issues-Major	373,189	1,900	176	6,628	3,463	8,545	2,101	9,019	1,800	4,604	411,424	
	370-Outside Services	24,583	0	0	0	0	0	0	0	0	0	24,583	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	7,435	0	0	0	0	0	0	0	0	0	7,435	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	130,567	1,015	976	1,310	1,049	1,662	3,744	35	1,446	1,225	143,030	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	-475,040	-748	-4,075	-630	-667	-2,498	-2,629	-1,909	133	-999	-489,062	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	18,087	106	180	122	408	233	498	175	455	153	20,417	
	914-Pension and Benefits Load	70,065	337	573	389	1,301	744	1,588	558	1,451	488	77,494	
	915-Injuries and Damages Load	19,314	102	173	117	392	224	479	168	437	147	21,554	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	28,513	250	23	873	456	1,125	277	1,188	237	606	33,548	
	922-Minor Material Load	18,863	0	0	0	0	0	0	0	0	0	18,863	
	925-E and S Loads	124,028	795	743	1,650	1,991	2,358	2,484	1,993	1,934	1,408	139,385	
	926-A and G Loads	44,399	368	309	806	860	1,126	1,078	961	811	667	51,386	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	635,005	5,636	1,643	13,010	15,081	16,852	16,737	14,688	15,205	10,484	744,341	
	825-Clearings	-645,169	226	80	-3,129	0	-8,632	-4,734	-7,448	-7,156	-54,704	-730,666	
	Clr Sum	-645,169	226	80	-3,129	0	-8,632	-4,734	-7,448	-7,156	-54,704	-730,666	
Proj Net		-10,164	5,862	1,723	9,880	15,081	8,220	12,003	7,240	8,049	-44,219	13,676	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	20000207	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	271,836	2,793	2,298	2,733	2,440	2,566	2,566	3,268	3,332	7,000	3,332	904	2,185	307,253
	120-Overtime-General	12,449	0	0	0	0	0	0	260	0	116	0	0	0	12,825
	350-Material Issues-Major	411,424	3,321	3,320	1,533	1,900	3,463	3,628	3,463	4,858	2,091	5,019	1,746	4,604	450,370
	370-Outside Services	24,583	0	0	0	0	0	0	0	0	0	0	0	0	24,583
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	7,435	0	0	0	0	0	0	0	0	0	0	0	0	7,435
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	143,030	1,107	2,304	1,141	1,015	976	1,310	1,049	1,662	3,744	35	430	1,225	159,028
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-489,062	-1,879	-884	-879	-714	-3,890	-602	-637	-2,385	-2,509	-1,822	127	-954	-506,090
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	20,417	196	161	191	171	180	180	247	233	498	233	63	153	22,923
	914-Pension and Benefits Load	77,494	623	513	610	545	573	573	787	744	1,588	744	202	488	85,484
	915-Injuries and Damages Load	21,554	188	155	184	164	173	173	237	224	479	224	61	147	23,963
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	33,548	437	437	202	250	456	478	456	640	275	661	230	606	38,676
	922-Minor Material Load	18,863	0	0	0	0	0	0	0	0	0	0	0	0	18,863
	925-E and S Loads	139,385	1,316	1,400	1,023	997	1,269	1,349	1,490	1,769	2,483	1,534	545	1,408	155,968
	926-A and G Loads	51,386	601	659	450	446	583	624	669	820	1,078	698	256	667	58,937
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	744,341	8,703	10,363	7,188	7,214	6,349	10,279	11,289	11,897	16,843	10,658	4,564	10,529	860,217
	825-Clearings	-730,666	0	-5,566	-7,904	-1,684	-1,150	-14,240	0	-12,411	-6,084	-8,504	-6,763	-18,921	-813,893
	Clr Sum	-730,666	0	-5,566	-7,904	-1,684	-1,150	-14,240	0	-12,411	-6,084	-8,504	-6,763	-18,921	-813,893
	Proj Net	13,676	8,703	4,797	-716	5,530	5,199	-3,961	11,289	-514	10,759	2,154	-2,199	-8,392	46,325

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	20000207	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	307,253	2,793	2,298	0	0	0	0	0	0	0	0	0	0	312,344
	120-Overtime-General	12,825	0	0	0	0	0	0	0	0	0	0	0	0	12,825
	350-Material Issues-Major	450,370	3,321	3,320	0	0	0	0	0	0	0	0	0	0	457,011
	370-Outside Services	24,583	0	0	0	0	0	0	0	0	0	0	0	0	24,583
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	7,435	0	0	0	0	0	0	0	0	0	0	0	0	7,435
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	159,028	1,107	2,304	0	0	0	0	0	0	0	0	0	0	162,439
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-506,090	-1,879	-884	0	0	0	0	0	0	0	0	0	0	-508,853
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	22,923	196	161	0	0	0	0	0	0	0	0	0	0	23,280
	914-Pension and Benefits Load	85,484	623	513	0	0	0	0	0	0	0	0	0	0	86,620
	915-Injuries and Damages Load	23,963	188	155	0	0	0	0	0	0	0	0	0	0	24,306
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	38,676	437	437	0	0	0	0	0	0	0	0	0	0	39,550
	922-Minor Material Load	18,863	0	0	0	0	0	0	0	0	0	0	0	0	18,863
	925-E and S Loads	155,968	1,316	1,400	0	0	0	0	0	0	0	0	0	0	158,684
	926-A and G Loads	58,937	601	659	0	0	0	0	0	0	0	0	0	0	60,197
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	860,217	8,703	10,363	0	0	0	0	0	0	0	0	0	0	879,283
	825-Clearings	-813,893	0	-11,117	0	0	0	0	0	0	0	0	0	0	-825,010
	Clr Sum	-813,893	0	-11,117	0	0	0	0	0	0	0	0	0	0	-825,010
	Proj Net	46,325	8,703	-754	0	0	0	0	0	0	0	0	0	0	54,274

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Project No: 20000707 Distr. System Improvements

Company: 001-Electric Services

Location: 200 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for numerous small miscellaneous distribution facility improvements to improve service and operation by providing voltage support, enhancing system protection, and maintaining or improving system reliability.

The need for the improvements are identified in several ways including; annual load analysis and system modeling of the distribution system to identify operational issues caused by normal load growth, during design of line extensions to serve new customers, operating problems that may arise during the year such as customer low voltage complaints, and replacement of obsolete equipment.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Project is required to enable PNM to meet its obligation to customers and to maintain system reliability.

All options to determine the right distribution improvements are evaluated on a project level basis.

Technical Aspects

Distribution system improvements include the design and installation of conduit systems cable, wire, poles, overhead and underground switches, transformers, voltage regulators, capacitor banks, and protection equipment.

This project also includes replacement of vandalized copper pole grounds with copper clad steel grounds which are less susceptible to theft. Installation of equipment to prevent birds and small animals from electrocution is also included in this project to help reduce outages caused by birds and other small animals.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	20000707	Year	2015									
Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	173,047		1,327	3,500	2,296	3,500	3,752	1,033	2,936	1,502	1,502	194,396
120-Overtime-General	28,698		0	0	0	0	0	0	0	0	152	28,850
350-Material Issues-Major	396,524		2,307	2,832	10,689	3,863	5,559	1,591	207	2,919	1,100	427,592
370-Outside Services	44,912		500	0	214	0	79	0	95	0	0	45,800
374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	2,857		0	0	0	0	0	0	0	0	0	2,857
391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
610-Expenses - General	103,274		358	760	1,755	382	1,536	532	1,388	561	798	111,344
805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-37,065		0	0	0	0	0	0	0	0	0	-37,065
829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	14,268		93	245	161	245	263	72	206	105	116	15,773
914-Pension and Benefits Load	53,674		296	781	513	781	838	231	655	335	369	58,474
915-Injuries and Damages Load	14,802		89	236	155	236	253	70	198	101	111	16,250
918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	27,183		304	373	1,408	509	732	210	27	384	145	31,275
922-Minor Material Load	22,947		0	0	0	0	0	0	0	0	0	22,947
925-E and S Loads	104,766		795	1,337	2,525	1,441	1,965	565	910	884	664	115,850
926-A and G Loads	47,537		374	590	1,244	644	909	263	385	415	296	52,656
928-AFUDC Debt Reg	8,785		150	143	167	187	191	187	164	166	144	10,283
929-AFUDC - Equity Regular	9,801		215	204	239	267	273	266	234	237	206	11,941
937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
Cost Sum	1,016,010		6,809	11,000	21,366	12,054	16,349	5,019	7,404	7,609	5,603	1,109,223
825-Clearings	-960,898		-11,765	-6,727	-9,095	-12,601	-12,375	-15,029	-6,752	-15,043	-44,203	-1,094,489
Clr Sum	-960,898		-11,765	-6,727	-9,095	-12,601	-12,375	-15,029	-6,752	-15,043	-44,203	-1,094,489
Proj Net	55,113		-4,956	4,273	12,270	-546	3,973	-10,010	652	-7,434	-38,601	14,734

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	20000707	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	194,396	1,608	928	5,150	1,327	3,500	2,296	3,500	5,752	1,033	2,936	1,502	5,141	229,069
	120-Overtime-General	28,850	94	0	0	0	0	0	0	680	0	0	0	152	29,776
	350-Material Issues-Major	427,592	1,493	477	10,156	2,307	2,832	10,689	3,863	8,559	591	37	2,919	2,195	473,710
	370-Outside Services	45,800	0	0	0	0	0	214	0	0	0	95	0	0	46,109
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	2,857	0	0	0	0	0	0	0	0	0	0	0	0	2,857
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	111,344	920	388	1,778	358	760	1,755	382	1,536	532	1,388	561	2,897	124,599
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-37,065	0	0	0	0	0	0	0	0	0	0	0	0	-37,065
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	15,773	119	65	360	93	245	161	245	450	72	206	105	370	18,264
	914-Pension and Benefits Load	58,474	380	207	1,149	296	781	513	781	1,436	231	655	335	1,181	66,419
	915-Injuries and Damages Load	16,250	115	62	347	89	236	155	236	433	70	198	101	356	18,648
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	31,275	197	63	1,338	304	373	1,408	509	1,127	78	5	384	289	37,350
	922-Minor Material Load	22,947	0	0	0	0	0	0	0	0	0	0	0	0	22,947
	925-E and S Loads	115,850	757	341	3,030	715	1,337	2,525	1,441	3,015	405	882	884	1,967	133,149
	926-A and G Loads	52,656	342	149	1,421	332	590	1,244	644	1,375	179	371	415	864	60,582
	928-AFUDC Debt Reg	10,283	31	34	51	58	60	80	97	112	116	101	103	99	11,225
	929-AFUDC - Equity Regular	11,941	0	0	0	0	0	0	0	0	0	0	0	0	11,941
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,109,223	6,056	2,714	24,780	5,879	10,714	21,040	11,698	24,475	3,307	6,874	7,309	15,511	1,249,580
	825-Clearings	-1,094,489	-2,495	-3,992	-11,704	-6,835	-4,384	-6,781	-9,828	-11,411	-13,594	-6,125	-13,735	-10,274	-1,195,647
	Clr Sum	-1,094,489	-2,495	-3,992	-11,704	-6,835	-4,384	-6,781	-9,828	-11,411	-13,594	-6,125	-13,735	-10,274	-1,195,647
	Proj Net	14,734	3,561	-1,278	13,076	-956	6,330	14,259	1,870	13,064	-10,287	749	-6,426	5,237	53,933

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	20000707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	229,069	1,608	928	0	0	0	0	0	0	0	0	0	0	231,605
	120-Overtime-General	29,776	94	0	0	0	0	0	0	0	0	0	0	0	29,870
	350-Material Issues-Major	473,710	1,493	477	0	0	0	0	0	0	0	0	0	0	475,680
	370-Outside Services	46,109	0	0	0	0	0	0	0	0	0	0	0	0	46,109
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	2,857	0	0	0	0	0	0	0	0	0	0	0	0	2,857
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	124,599	920	388	0	0	0	0	0	0	0	0	0	0	125,907
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-37,065	0	0	0	0	0	0	0	0	0	0	0	0	-37,065
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	18,264	119	65	0	0	0	0	0	0	0	0	0	0	18,448
	914-Pension and Benefits Load	66,419	380	207	0	0	0	0	0	0	0	0	0	0	67,006
	915-Injuries and Damages Load	18,648	115	62	0	0	0	0	0	0	0	0	0	0	18,825
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	37,350	197	63	0	0	0	0	0	0	0	0	0	0	37,610
	922-Minor Material Load	22,947	0	0	0	0	0	0	0	0	0	0	0	0	22,947
	925-E and S Loads	133,149	757	341	0	0	0	0	0	0	0	0	0	0	134,247
	926-A and G Loads	60,582	342	149	0	0	0	0	0	0	0	0	0	0	61,073
	928-AFUDC Debt Reg	11,225	180	172	0	0	0	0	0	0	0	0	0	0	11,577
	929-AFUDC - Equity Regular	11,941	107	102	0	0	0	0	0	0	0	0	0	0	12,150
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,249,580	6,312	2,954	0	0	0	0	0	0	0	0	0	0	1,258,846
	825-Clearings	-1,195,647	-7,230	-10,635	0	0	0	0	0	0	0	0	0	0	-1,213,512
	Clr Sum	-1,195,647	-7,230	-10,635	0	0	0	0	0	0	0	0	0	0	-1,213,512
	Proj Net	53,933	-918	-7,681	0	0	0	0	0	0	0	0	0	0	45,334

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Project No: 20000807 Services

Company: 001-Electric Services

Location: 200 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for the connection of residential and non-residential customers' electrical facilities to PNM's distribution system. The project includes the cost of PNM labor, PNM transportation and material. Project includes cost of replacement of customer service conductors due to service upgrade or deteriorated service conductors. PNM is obligated to serve customers within its service territory. PNM and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Each service to a new residential customer or a non-residential customer to be served with an overhead service are evaluated with the review of service location, service wire length and route as defined to maintain service voltage within regulatory requirements. Non-residential customers located in underground electric distribution areas, or residential or non-residential customers located in an overhead electric distribution areas but requesting and underground service, are required to provide the service wires per PNM rules. This project is required to provide service to new and upgrading customers.

Technical Aspects

This project includes the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where PNM wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer. Materials include overhead and underground, three or four, bundled wire service conductor and associated connecting or terminating parts.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	20000807	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	222,904	4,143	4,895	3,873	3,502	4,735	2,338	2,371	2,077	1,964	252,802	
	120-Overtime-General	16,601	0	449	272	192	250	500	183	0	263	18,710	
	350-Material Issues-Major	176,508	250	1,344	1,796	250	6,349	500	1,665	1,120	1,500	191,282	
	370-Outside Services	120,812	0	0	0	0	0	0	0	0	0	120,812	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	13,745	0	0	0	0	0	0	0	0	0	13,745	
	391-Jt Proj Bils to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	125,361	3,255	1,971	2,611	2,939	1,965	1,310	1,455	779	1,715	143,361	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	17,030	290	374	290	259	349	199	179	145	156	19,271	
	914-Pension and Benefits Load	64,869	925	1,193	925	824	1,113	633	570	464	497	72,013	
	915-Injuries and Damages Load	17,307	279	360	279	249	336	191	172	140	150	19,461	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	17,494	33	177	237	33	836	66	219	148	198	19,440	
	922-Minor Material Load	7,315	0	0	0	0	0	0	0	0	0	7,315	
	925-E and S Loads	103,654	1,463	1,694	1,608	1,314	2,415	907	1,055	756	999	115,865	
	926-A and G Loads	40,160	636	720	712	573	1,107	387	472	331	453	45,550	
	928-AFUDC Debt Reg	4,592	0	0	0	0	0	0	0	0	0	4,592	
	929-AFUDC - Equity Regular	1,124	0	0	0	0	0	0	0	0	0	1,124	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	949,477	11,273	13,176	12,603	10,134	19,455	7,031	8,341	5,959	7,895	1,045,344	
	825-Clearings	-858,231	-82,016	0	0	-45,134	0	0	-36,888	0	-23,076	-1,045,344	
	Clr Sum	-858,231	-82,016	0	0	-45,134	0	0	-36,888	0	-23,076	-1,045,344	
Proj Net		91,246	-70,742	13,176	12,603	-35,000	19,455	7,031	-28,547	5,959	-15,181	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	20000807	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	252,802	3,120	4,621	8,949	4,143	4,895	3,873	3,502	4,735	2,338	2,371	1,477	1,831	298,657	
120-Overtime-General	18,710	191	147	1,019	0	449	272	192	1,500	500	183	0	263	23,426	
350-Material Issues-Major	191,282	1,289	2,296	2,838	1,600	2,844	1,796	1,463	8,349	2,299	1,665	1,120	4,687	223,528	
370-Outside Services	120,812	0	0	13,033	830	10,515	1,100	570	0	0	0	0	0	146,860	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	13,745	0	0	0	0	0	0	0	0	0	0	0	0	13,745	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	143,361	1,441	2,385	3,592	3,255	1,971	2,611	2,939	1,965	1,310	1,455	779	1,715	168,779	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	19,271	232	334	698	290	374	290	259	436	199	179	103	147	22,812	
914-Pension and Benefits Load	72,013	739	1,064	2,225	925	1,193	925	824	1,392	633	570	330	467	83,300	
915-Injuries and Damages Load	19,461	223	321	671	279	360	279	249	420	191	172	99	141	22,866	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	19,440	170	302	374	211	375	237	193	1,100	303	219	148	617	23,689	
922-Minor Material Load	7,315	0	0	0	0	0	0	0	0	0	0	0	0	7,315	
925-E and S Loads	115,865	1,158	1,787	5,284	1,811	3,616	1,784	1,600	3,008	1,195	1,055	625	1,480	140,268	
926-A and G Loads	45,550	503	786	2,449	818	1,720	803	721	1,377	536	472	281	707	56,723	
928-AFUDC Debt Reg	4,592	0	0	0	0	0	0	0	0	0	0	0	0	4,592	
929-AFUDC - Equity Regular	1,124	0	0	0	0	0	0	0	0	0	0	0	0	1,124	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	1,045,344	9,066	14,043	41,132	14,162	28,312	13,970	12,512	24,282	9,504	8,341	4,962	12,055	1,237,685	
825-Clearings	-1,045,344	0	0	0	-62,721	0	0	-56,378	0	0	-44,977	0	-28,263	-1,237,683	
Clr Sum	-1,045,344	0	0	0	-62,721	0	0	-56,378	0	0	-44,977	0	-28,263	-1,237,683	
Proj Net	0	9,066	14,043	41,132	-48,559	28,312	13,970	-43,866	24,282	9,504	-36,636	4,962	-16,208	2	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	20000807	Year	2017												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	298,657	3,120	4,621	0	0	0	0	0	0	0	0	0	0	306,398	
120-Overtime-General	23,426	191	147	0	0	0	0	0	0	0	0	0	0	23,764	
350-Material Issues-Major	223,528	1,289	2,296	0	0	0	0	0	0	0	0	0	0	227,113	
370-Outside Services	146,860	0	0	0	0	0	0	0	0	0	0	0	0	146,860	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	13,745	0	0	0	0	0	0	0	0	0	0	0	0	13,745	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	168,779	1,441	2,385	0	0	0	0	0	0	0	0	0	0	172,605	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	22,812	232	334	0	0	0	0	0	0	0	0	0	0	23,378	
914-Pension and Benefits Load	83,300	739	1,064	0	0	0	0	0	0	0	0	0	0	85,103	
915-Injuries and Damages Load	22,866	223	321	0	0	0	0	0	0	0	0	0	0	23,410	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	23,689	170	302	0	0	0	0	0	0	0	0	0	0	24,161	
922-Minor Material Load	7,315	0	0	0	0	0	0	0	0	0	0	0	0	7,315	
925-E and S Loads	140,268	1,158	1,787	0	0	0	0	0	0	0	0	0	0	143,213	
926-A and G Loads	56,723	503	786	0	0	0	0	0	0	0	0	0	0	58,012	
928-AFUDC Debt Reg	4,592	0	0	0	0	0	0	0	0	0	0	0	0	4,592	
929-AFUDC - Equity Regular	1,124	0	0	0	0	0	0	0	0	0	0	0	0	1,124	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	1,237,685	9,066	14,043	0	0	0	0	0	0	0	0	0	0	1,260,794	
825-Clearings	-1,237,683	0	0	0	0	0	0	0	0	0	0	0	0	-1,237,683	
Clr Sum	-1,237,683	0	0	0	0	0	0	0	0	0	0	0	0	-1,237,683	
Proj Net	2	9,066	14,043	0	0	0	0	0	0	0	0	0	0	23,111	

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Project No: 20001707 Deming Pure Project

Company: 001-Electric Services
Location: 200 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

04-2015, 07-2015, 10-2015, 12-2015. Quarterly clearings occur every year thereafter.

Project Need Justification

This work was identified through Line Patrols involves repairing and replacing small capital items including arrestors, cross-arms, cut-outs, capacitors, and insulators. This work is necessary to maintain reliable service, safety to the public and PNM line crews. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines requirements for following electrical and safety standards (NESC), minimizing interruption of service, and maintain protective safety measures.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Project alternatives will be considered for each repair, but most repairs will be repairing damaged equipment. Not performing this work may decrease reliability and increase hazards to PNM personnel and the public.

Technical Aspects

This project involves the like-for-like replacement of aging/obsolete or damaged equipment on distribution poles. Physical items identified for replacement include lightning arrestors, cross-arms, cut-outs, capacitors, and insulators.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	20001707	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	31,933	520	440	1,500	1,500	500	1,000	500	1,000	500	39,393
	120-Overtime-General	18,442	0	0	0	0	0	0	0	0	0	18,442
	350-Material Issues-Major	43,080	1,000	350	1,281	300	0	258	1,000	0	0	47,269
	370-Outside Services	610,593	0	0	0	0	0	0	0	0	0	610,593
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	24,148	50	200	200	200	520	150	150	50	50	25,718
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,246	35	31	105	105	35	70	35	70	35	3,768
	914-Pension and Benefits Load	12,597	116	98	335	335	112	223	112	223	112	14,262
	915-Injuries and Damages Load	3,310	35	30	101	101	34	67	34	67	34	3,812
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	16,217	132	46	169	40	0	34	132	0	0	16,769
	922-Minor Material Load	2,286	0	0	0	0	0	0	0	0	0	2,286
	925-E and S Loads	67,969	281	184	563	407	192	283	293	226	117	70,514
	926-A and G Loads	59,547	131	82	248	166	85	117	137	87	46	60,647
	928-AFUDC Debt Reg	2,091	0	0	0	0	0	0	0	0	0	2,091
	929-AFUDC - Equity Regular	2,997	0	0	0	0	0	0	0	0	0	2,997
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	898,455	2,301	1,461	4,502	3,153	1,477	2,203	2,392	1,724	893	918,561
	825-Clearings	-626,597	-219,328	-45,034	-12,608	-5,044	-2,191	-2,200	-2,354	-1,850	-1,355	-918,561
	Clr Sum	-626,597	-219,328	-45,034	-12,608	-5,044	-2,191	-2,200	-2,354	-1,850	-1,355	-918,561
	Proj Net	271,859	-217,027	-43,573	-8,106	-1,891	-713	2	38	-126	-462	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	20001707	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	39,393	1,500	1,000	500	520	440	1,500	1,500	2,500	2,500	2,000	1,000	1,000	55,353	
120-Overtime-General	18,442	0	0	0	0	0	0	0	0	0	0	0	0	18,442	
350-Material Issues-Major	47,269	1,000	0	1,500	1,000	350	1,500	250	0	500	1,000	0	0	54,369	
370-Outside Services	610,593	0	0	0	0	0	0	0	0	0	0	0	0	610,593	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	25,718	150	200	50	50	200	200	200	520	150	150	50	50	27,688	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	3,768	105	70	35	36	31	105	105	175	175	140	70	70	4,885	
914-Pension and Benefits Load	14,262	335	223	112	116	98	335	335	558	558	446	223	223	17,824	
915-Injuries and Damages Load	3,812	101	67	34	35	30	101	101	168	168	135	67	67	4,886	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	16,769	132	0	198	132	46	198	33	0	66	132	0	0	17,706	
922-Minor Material Load	2,286	0	0	0	0	0	0	0	0	0	0	0	0	2,286	
925-E and S Loads	70,514	511	250	357	281	184	599	399	627	648	619	226	226	75,441	
926-A and G Loads	60,647	220	100	171	131	82	266	162	251	262	262	87	87	62,728	
928-AFUDC Debt Reg	2,091	0	0	0	0	0	0	0	0	0	0	0	0	2,091	
929-AFUDC - Equity Regular	2,997	0	0	0	0	0	0	0	0	0	0	0	0	2,997	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	918,561	4,054	1,910	2,957	2,301	1,461	4,804	3,085	4,799	5,027	4,884	1,723	1,723	957,289	
825-Clearings	-918,561	-3,243	-2,177	-2,799	-2,401	-1,649	-4,172	-3,302	-4,500	-4,922	-4,892	-2,357	-2,313	-957,288	
Clr Sum	-918,561	-3,243	-2,177	-2,799	-2,401	-1,649	-4,172	-3,302	-4,500	-4,922	-4,892	-2,357	-2,313	-957,288	
Proj Net	0	811	-267	158	-100	-188	632	-217	299	105	-8	-634	-590	1	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	20001707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	55,353	0	0	0	0	0	0	0	0	0	0	0	0	55,353
	120-Overtime-General	18,442	0	0	0	0	0	0	0	0	0	0	0	0	18,442
	350-Material Issues-Major	54,369	0	0	0	0	0	0	0	0	0	0	0	0	54,369
	370-Outside Services	610,593	0	0	0	0	0	0	0	0	0	0	0	0	610,593
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	27,688	0	0	0	0	0	0	0	0	0	0	0	0	27,688
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,885	0	0	0	0	0	0	0	0	0	0	0	0	4,885
	914-Pension and Benefits Load	17,824	0	0	0	0	0	0	0	0	0	0	0	0	17,824
	915-Injuries and Damages Load	4,886	0	0	0	0	0	0	0	0	0	0	0	0	4,886
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	17,706	0	0	0	0	0	0	0	0	0	0	0	0	17,706
	922-Minor Material Load	2,286	0	0	0	0	0	0	0	0	0	0	0	0	2,286
	925-E and S Loads	75,441	0	0	0	0	0	0	0	0	0	0	0	0	75,441
	926-A and G Loads	62,728	0	0	0	0	0	0	0	0	0	0	0	0	62,728
	928-AFUDC Debt Reg	2,091	0	0	0	0	0	0	0	0	0	0	0	0	2,091
	929-AFUDC - Equity Regular	2,997	0	0	0	0	0	0	0	0	0	0	0	0	2,997
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	957,289	0	0	0	0	0	0	0	0	0	0	0	0	957,289
	825-Clearings	-957,288	0	0	0	0	0	0	0	0	0	0	0	0	-957,288
	Clr Sum	-957,288	0	0	0	0	0	0	0	0	0	0	0	0	-957,288
Proj Net		1	0	0	0	0	0	0	0	0	0	0	0	0	1

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Project No: 30000807 Services

Company: 001-Electric Services

Location: 300 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Generally, this blanket work order is cleared quarterly; 04-15,07-15,10-15,12-15

Project Need Justification

This project provides for the electrical connection of retail customers' facilities to PNM's distribution system. PNM is obligated to serve customers within its service territory.

This project includes the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project has no alternatives. This project is required to provide service to new and upgrading retail customers.

Alternative methods to connect new customers are considered on a project-by-project basis based on cost, timing, reliability, and safety.

Technical Aspects

Materials include overhead and underground service wires and associated connecting or terminating parts. Service related materials for the entire Las Vegas area are included within this project. PNM and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

As with most of the blanket projects, the specific work items for this blanket will not be known until after the budget is developed during the year of spend. 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 escalators to the actual 12 months spend ending May 2014. Customer growth rates expected at the time of the 2015 budget development have since been revised downward. Spend for 2016 has subsequently been adjusted lower based on expected lower customer growth.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	30000807	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	253,296	2,322	2,083	2,185	2,000	2,000	2,400	2,470	3,061	2,166	273,983	
	120-Overtime-General	2,947	0	0	83	230	126	0	0	0	0	3,386	
	350-Material Issues-Major	86,218	223	76	16	41	0	224	0	0	0	86,798	
	370-Outside Services	20,657	0	0	0	0	0	0	0	0	0	20,657	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	7,379	0	0	0	0	0	0	0	0	0	7,379	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	107,763	993	1,020	1,014	1,387	1,145	1,293	1,553	1,007	1,236	118,411	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	18,523	163	146	159	156	149	168	173	214	152	20,001	
	914-Pension and Benefits Load	70,606	518	465	506	498	475	536	551	683	483	75,321	
	915-Injuries and Damages Load	19,502	156	140	153	150	143	162	166	206	146	20,924	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	5,782	29	10	2	5	0	30	0	0	0	5,858	
	922-Minor Material Load	2,681	0	0	0	0	0	0	0	0	0	2,681	
	925-E and S Loads	80,967	700	629	658	714	646	765	786	827	669	87,362	
	926-A and G Loads	23,747	294	264	274	304	272	326	335	338	283	26,438	
	928-AFUDC Debt Reg	7,240	0	0	0	0	0	0	0	0	0	7,240	
	929-AFUDC - Equity Regular	1,698	0	0	0	0	0	0	0	0	0	1,698	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	709,006	5,399	4,833	5,051	5,486	4,956	5,903	6,034	6,337	5,135	758,139	
	825-Clearings	-688,773	-12,303	-2,543	-620	-7,150	-7,002	-445	-11,132	-6,220	-11,415	-747,602	
	Clr Sum	-688,773	-12,303	-2,543	-620	-7,150	-7,002	-445	-11,132	-6,220	-11,415	-747,602	
Proj Net		20,232	-6,904	2,291	4,431	-1,664	-2,047	5,458	-5,098	118	-6,280	10,537	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 30000807	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	273,983	4,616	7,308	5,544	1,947	2,764	3,728	4,057	3,745	2,291	608	1,818	2,047	314,456
120-Overtime-General	3,386	67	85	92	24	33	38	50	54	31	12	38	49	3,959
350-Material Issues-Major	86,798	59	184	135	146	163	177	203	212	226	149	79	95	88,626
370-Outside Services	20,657	0	0	0	0	0	0	0	0	0	0	0	0	20,657
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	7,379	0	0	0	0	0	0	0	0	0	0	0	0	7,379
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	118,411	2,027	2,829	2,494	944	1,173	1,388	1,671	1,563	1,133	439	1,301	1,465	136,838
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	20,001	328	518	395	138	196	264	287	266	163	43	130	147	22,876
914-Pension and Benefits Load	75,321	1,045	1,650	1,258	440	624	841	917	848	518	138	414	468	84,482
915-Injuries and Damages Load	20,924	315	498	379	133	188	253	276	256	156	42	125	141	23,686
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	5,858	8	24	18	19	21	23	27	28	30	20	10	13	6,099
922-Minor Material Load	2,681	0	0	0	0	0	0	0	0	0	0	0	0	2,681
925-E and S Loads	87,362	1,353	2,091	1,647	603	823	1,070	1,194	1,111	723	229	625	706	99,537
926-A and G Loads	26,438	563	866	688	255	344	444	498	464	306	101	269	304	31,540
928-AFUDC Debt Reg	7,240	0	0	0	0	0	0	0	0	0	0	0	0	7,240
929-AFUDC - Equity Regular	1,698	0	0	0	0	0	0	0	0	0	0	0	0	1,698
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	758,139	10,381	16,053	12,650	4,649	6,329	8,226	9,180	8,547	5,577	1,781	4,809	5,435	851,756
825-Clearings	-747,602	-3,347	-12,105	-1,367	-17,976	-3,613	-913	-10,832	-10,920	-621	-12,886	-6,518	-11,989	-840,689
Clr Sum	-747,602	-3,347	-12,105	-1,367	-17,976	-3,613	-913	-10,832	-10,920	-621	-12,886	-6,518	-11,989	-840,689
Proj Net	10,537	7,034	3,948	11,283	-13,327	2,716	7,313	-1,652	-2,373	4,956	-11,105	-1,709	-6,554	11,067

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project 30000807	Year	2017												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	314,456	5,741	9,088	0	0	0	0	0	0	0	0	0	0	329,285
120-Overtime-General	3,959	83	106	0	0	0	0	0	0	0	0	0	0	4,148
350-Material Issues-Major	88,626	73	227	0	0	0	0	0	0	0	0	0	0	88,926
370-Outside Services	20,657	0	0	0	0	0	0	0	0	0	0	0	0	20,657
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	7,379	0	0	0	0	0	0	0	0	0	0	0	0	7,379
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	136,838	2,508	3,501	0	0	0	0	0	0	0	0	0	0	142,847
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	22,876	408	644	0	0	0	0	0	0	0	0	0	0	23,928
914-Pension and Benefits Load	84,482	1,300	2,052	0	0	0	0	0	0	0	0	0	0	87,834
915-Injuries and Damages Load	23,686	392	619	0	0	0	0	0	0	0	0	0	0	24,697
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	6,099	10	30	0	0	0	0	0	0	0	0	0	0	6,139
922-Minor Material Load	2,681	0	0	0	0	0	0	0	0	0	0	0	0	2,681
925-E and S Loads	99,537	1,681	2,598	0	0	0	0	0	0	0	0	0	0	103,816
926-A and G Loads	31,540	699	1,075	0	0	0	0	0	0	0	0	0	0	33,314
928-AFUDC Debt Reg	7,240	0	0	0	0	0	0	0	0	0	0	0	0	7,240
929-AFUDC - Equity Regular	1,698	0	0	0	0	0	0	0	0	0	0	0	0	1,698
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	851,756	12,895	19,940	0	0	0	0	0	0	0	0	0	0	884,591
825-Clearings	-840,689	-3,834	-14,424	0	0	0	0	0	0	0	0	0	0	-858,947
Clr Sum	-840,689	-3,834	-14,424	0	0	0	0	0	0	0	0	0	0	-858,947
Proj Net	11,067	9,061	5,516	0	0	0	0	0	0	0	0	0	0	25,644

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Project No: 41000107 Line Extensions - Residential

Company: 001-Electric Services

Location: 410 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project is for the installation of residential line extensions for new residential customers, apartment complexes, and residential subdivisions. PNM is required to complete this work per its obligation to serve. The project funding covers the labor, materials and right-of-way purchases for both overhead and underground extensions. Customers are responsible for these costs less credits they are allowed under PNM's Rule 15 Line Extension Policy approved by the New Mexico Public Regulatory Commission. This project provides for PNM's portion of the cost of these line extensions.

Project Alternatives

There are no alternatives to conducting this work. However, each line extension goes through a design process to ensure that it is designed to the minimum technical standards according to PNM Rule 15. Typically, the best option is a balance of cost, timing, and efficacy.

Technical Aspects

The project costs related to labor include engineering, design, right-of-way acquisition, environmental and construction. Physical components include, but are not limited to, primary wires, secondary wires, wood or steel poles and other supporting structures, trenches, switchgear, and conduit systems.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	41000107	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	1,108,325	11,157	8,000	9,140	6,500	16,198	15,200	14,552	7,938	1,555	1,198,565		
120-Overtime-General	51,017	9	205	38	-56	157	183	377	4,652	1,200	57,782		
350-Material Issues-Major	1,807,518	4,907	7,902	6,548	3,172	8,037	10,119	16,852	15,200	14,232	1,894,487		
370-Outside Services	1,214,926	20,177	12,500	3,461	7,240	7,554	7,000	7,000	5,789	7,000	1,292,647		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	149,435	-1,446	0	0	129	1,227	0	-1,147	0	0	148,198		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	515,553	3,756	4,765	2,641	4,333	4,763	5,603	8,385	3,906	1,835	555,540		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	-5,551,757	-47,351	-36,098	-28,233	-18,530	-52,372	-35,554	-83,828	-84,106	-8,739	-5,946,568		
829-Construction Adjustment	9,261	0	0	0	0	0	0	0	0	0	9,261		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	83,676	782	574	642	451	1,145	1,077	1,045	881	193	90,467		
914-Pension and Benefits Load	322,046	2,492	1,831	2,049	1,438	3,650	3,433	3,332	2,810	615	343,697		
915-Injuries and Damages Load	84,544	751	552	618	434	1,101	1,035	1,005	847	185	91,072		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	150,140	646	1,041	862	418	1,058	1,333	2,219	2,002	1,874	161,594		
922-Minor Material Load	104,206	0	0	0	0	0	0	0	0	0	104,206		
925-E and S Loads	813,438	6,814	5,813	4,022	3,783	7,013	6,984	8,224	6,724	4,290	867,104		
926-A and G Loads	287,273	3,208	2,777	1,816	1,774	3,156	3,170	3,829	3,119	2,148	312,270		
928-AFUDC Debt Reg	3	0	0	0	0	0	0	0	0	0	3		
929-AFUDC - Equity Regular	3	0	0	0	0	0	0	0	0	0	3		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	1,149,606	5,902	9,862	3,604	11,085	2,688	19,584	-18,155	-30,238	26,389	1,180,327		
825-Clearings	-1,069,239	-16,391	-15,151	-12,957	-12,601	-10,718	-12,402	-6,596	402	-4,688	-1,160,341		
Clr Sum	-1,069,239	-16,391	-15,151	-12,957	-12,601	-10,718	-12,402	-6,596	402	-4,688	-1,160,341		
Proj Net	80,366	-10,489	-5,289	-9,353	-1,516	-8,030	7,182	-24,751	-29,836	21,701	19,987		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 41000107	Year	2016													
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	1,198,565	8,498	11,551	15,506	15,265	15,990	12,506	14,371	22,163	22,117	19,910	10,861	2,128	1,369,431	
120-Overtime-General	57,782	1,152	525	383	13	280	51	-76	215	250	516	6,365	1,642	69,098	
350-Material Issues-Major	1,894,487	-934	2,988	8,127	6,667	10,738	8,898	4,311	10,921	13,750	22,899	28,053	19,339	2,030,254	
370-Outside Services	1,292,647	17,606	9,263	25,450	27,471	28,098	4,712	9,857	10,285	23,172	16,426	7,882	23,351	1,496,220	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	148,198	0	-497	143	-1,969	0	0	176	1,670	0	-1,562	0	0	146,159	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	555,540	3,207	4,929	4,936	5,114	6,487	3,596	5,899	6,485	7,629	11,417	5,318	2,499	623,056	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	-5,946,568	-26,899	-30,188	-54,002	-64,469	-49,148	-38,439	-25,229	-71,306	-48,407	-114,133	-114,512	-11,899	-6,595,199	
829-Construction Adjustment	9,261	0	0	0	0	0	0	0	0	0	0	0	0	9,261	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	90,467	676	845	1,112	1,069	1,139	879	1,001	1,566	1,566	1,430	1,206	264	103,220	
914-Pension and Benefits Load	343,697	2,154	2,695	3,546	3,410	3,631	2,803	3,191	4,995	4,992	4,559	3,845	841	384,359	
915-Injuries and Damages Load	91,072	649	813	1,069	1,028	1,095	845	962	1,506	1,505	1,375	1,159	254	103,332	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	161,594	-123	395	1,070	878	1,414	1,172	568	1,438	1,811	3,016	3,695	2,547	179,475	
922-Minor Material Load	104,206	0	0	0	0	0	0	0	0	0	0	0	0	104,206	
925-E and S Loads	867,104	5,281	5,300	9,644	9,291	10,793	5,486	6,351	9,569	11,997	12,315	10,350	8,051	971,532	
926-A and G Loads	312,270	2,457	2,394	4,538	4,373	5,125	2,476	2,874	4,305	5,568	5,791	4,865	4,073	361,109	
928-AFUDC Debt Reg	3	0	0	0	0	0	0	0	0	0	0	0	0	3	
929-AFUDC - Equity Regular	3	0	0	0	0	0	0	0	0	0	0	0	0	3	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	1,180,327	13,724	11,023	21,522	8,141	35,642	4,985	24,256	3,812	45,950	-16,041	-30,913	53,090	1,355,518	
825-Clearings	-1,160,341	-6,405	-7,282	-9,988	-9,637	-14,578	-12,756	-14,940	-12,826	-19,120	-12,439	-4,202	-13,491	-1,298,005	
Clr Sum	-1,160,341	-6,405	-7,282	-9,988	-9,637	-14,578	-12,756	-14,940	-12,826	-19,120	-12,439	-4,202	-13,491	-1,298,005	
Proj Net	19,987	7,319	3,741	11,534	-1,496	21,064	-7,771	9,316	-9,014	26,830	-28,480	-35,115	39,599	57,514	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	41000107	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	1,369,431	10,911	14,832	0	0	0	0	0	0	0	0	0	0	1,395,174
	120-Overtime-General	69,098	1,479	674	0	0	0	0	0	0	0	0	0	0	71,251
	350-Material Issues-Major	2,030,254	-1,190	3,819	0	0	0	0	0	0	0	0	0	0	2,032,883
	370-Outside Services	1,496,220	22,494	11,835	0	0	0	0	0	0	0	0	0	0	1,530,549
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	146,159	0	-635	0	0	0	0	0	0	0	0	0	0	145,524
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	623,056	4,097	6,298	0	0	0	0	0	0	0	0	0	0	633,451
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-6,595,199	-34,368	-38,571	0	0	0	0	0	0	0	0	0	0	-6,668,138
	829-Construction Adjustment	9,261	0	0	0	0	0	0	0	0	0	0	0	0	9,261
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	103,220	867	1,085	0	0	0	0	0	0	0	0	0	0	105,172
	914-Pension and Benefits Load	384,359	2,765	3,461	0	0	0	0	0	0	0	0	0	0	390,585
	915-Injuries and Damages Load	103,332	834	1,044	0	0	0	0	0	0	0	0	0	0	105,210
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	179,475	-157	503	0	0	0	0	0	0	0	0	0	0	179,821
	922-Minor Material Load	104,206	0	0	0	0	0	0	0	0	0	0	0	0	104,206
	925-E and S Loads	971,532	6,761	6,786	0	0	0	0	0	0	0	0	0	0	985,079
	926-A and G Loads	361,109	3,144	3,064	0	0	0	0	0	0	0	0	0	0	367,317
	928-AFUDC Debt Reg	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	929-AFUDC - Equity Regular	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,355,518	17,637	14,195	0	0	0	0	0	0	0	0	0	0	1,387,350
	825-Clearings	-1,298,005	-14,279	-14,263	0	0	0	0	0	0	0	0	0	0	-1,326,547
	Clr Sum	-1,298,005	-14,279	-14,263	0	0	0	0	0	0	0	0	0	0	-1,326,547
	Proj Net	57,514	3,358	-68	0	0	0	0	0	0	0	0	0	0	60,804

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Project No: 41001207 Pole Replacement

Company: 001-Electric Services

Location: 410 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual work orders which are placed in service at various times throughout the year.

Project Need Justification

This work is necessary to ensure the integrity of wood poles on PNM's distribution system. Wood poles are support structures for overhead wires, transformers, and other equipment. Compromised integrity of these structures can affect reliability of service as well as public safety and safety for PNM employees who may need to climb poles for maintenance or new service reasons. Furthermore, New Mexico Public Regulatory Commission Rule 17.9.560 requires PNM to determine the necessity for replacement and repairs and to exercise reasonable care to protect our employees and our customers.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

There are no alternatives to this project. Within the project we evaluate whether pole replacement is required or whether pole reinforcements or fumigation can defer replacement.

Technical Aspects

This project includes the cost of pole replacement, pole reinforcement, and fumigation. This capital blanket assures that the distribution wood pole infrastructure is replaced or reinforced based on ground line testing results. Poles are given a series of tests including visual, sounding, and bore hole inspections to determine the condition of the pole and the requisite treatment or replacement. Poles are inspected with a targeted cycle of inspecting each pole approximately every twenty-five years.

This project budget is based upon a targeted 25 year pole inspection cycle and assumed failure rate of poles inspected based on past test results. The 2015 budget amount includes twice the normal yearly value to catch up on poles not changed out in prior years.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	41001207	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	153,949	0	0	0	0	0	0	0	0	0	153,949
	120-Overtime-General	33,784	0	0	0	0	0	0	0	0	0	33,784
	350-Material Issues-Major	171,804	0	0	0	0	0	0	0	0	0	171,804
	370-Outside Services	444,991	0	0	0	0	0	0	0	0	0	444,991
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	50,317	0	0	0	0	0	0	0	0	0	50,317
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	66,447	0	0	0	0	0	0	0	0	0	66,447
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-9,234	0	0	0	0	0	0	0	0	0	-9,234
	829-Construction Adjustment	1,265	0	0	0	0	0	0	0	0	0	1,265
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	13,642	0	0	0	0	0	0	0	0	0	13,642
	914-Pension and Benefits Load	52,064	0	0	0	0	0	0	0	0	0	52,064
	915-Injuries and Damages Load	12,651	0	0	0	0	0	0	0	0	0	12,651
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	11,763	0	0	0	0	0	0	0	0	0	11,763
	922-Minor Material Load	5,119	0	0	0	0	0	0	0	0	0	5,119
	925-E and S Loads	161,426	0	0	0	0	0	0	0	0	0	161,426
	926-A and G Loads	55,360	0	0	0	0	0	0	0	0	0	55,360
	928-AFUDC Debt Reg	32,021	524	443	375	317	268	226	191	162	137	34,663
	929-AFUDC - Equity Regular	9,054	749	633	535	452	382	323	273	231	195	12,827
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,266,423	1,273	1,076	910	769	650	549	464	392	332	1,272,839
	825-Clearings	-1,062,913	-32,765	-27,695	-23,409	-19,787	-16,725	-14,137	-11,949	-10,100	-8,537	-1,228,018
	Clr Sum	-1,062,913	-32,765	-27,695	-23,409	-19,787	-16,725	-14,137	-11,949	-10,100	-8,537	-1,228,018
	Proj Net	203,511	-31,492	-26,619	-22,500	-19,018	-16,075	-13,588	-11,485	-9,708	-8,206	44,821

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	41001207	Year	2016											
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	153,949	3,517	1,312	2,104	959	1,090	186	142	0	1,423	35	188	2,613	167,518
120-Overtime-General	33,784	16	360	24	16	0	250	0	0	15	0	0	33	34,498
350-Material Issues-Major	171,804	1,384	1,442	1,390	547	1,215	351	3	0	923	80	0	4,019	183,158
370-Outside Services	444,991	0	0	6,228	7,514	-1,026	0	0	230	0	0	0	0	457,937
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	50,317	0	0	0	0	0	0	0	0	0	0	0	0	50,317
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	66,447	1,676	1,117	631	404	437	556	63	0	48	548	5	354	72,286
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-9,234	0	0	0	0	0	0	0	0	0	0	0	0	-9,234
829-Construction Adjustment	1,265	0	0	0	0	0	0	0	0	0	0	0	0	1,265
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	13,642	247	117	149	68	76	31	10	0	101	2	13	185	14,641
914-Pension and Benefits Load	52,064	788	373	475	218	243	97	32	0	321	8	42	591	55,252
915-Injuries and Damages Load	12,651	238	113	143	66	73	29	10	0	97	2	13	178	13,613
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	11,763	182	190	183	72	160	46	0	0	122	11	0	529	13,258
922-Minor Material Load	5,119	0	0	0	0	0	0	0	0	0	0	0	0	5,119
925-E and S Loads	161,426	1,259	773	1,783	1,566	337	240	41	37	468	108	42	1,276	169,356
926-A and G Loads	55,360	548	352	863	785	143	112	17	19	200	55	16	584	59,054
928-AFUDC Debt Reg	34,663	87	86	89	96	92	81	70	59	53	48	42	44	35,510
929-AFUDC - Equity Regular	12,827	0	0	0	0	0	0	0	0	0	0	0	0	12,827
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,272,839	9,942	6,235	14,062	12,311	2,840	1,979	388	345	3,771	897	361	10,406	1,336,376
825-Clearings	-1,228,018	-8,762	-8,358	-9,270	-9,757	-8,650	-7,583	-6,432	-5,458	-5,188	-4,501	-3,839	-4,889	-1,310,705
Clr Sum	-1,228,018	-8,762	-8,358	-9,270	-9,757	-8,650	-7,583	-6,432	-5,458	-5,188	-4,501	-3,839	-4,889	-1,310,705
Proj Net	44,821	1,180	-2,123	4,792	2,554	-5,810	-5,604	-6,044	-5,113	-1,417	-3,604	-3,478	5,517	25,671

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	41001207	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	167,518	4,340	1,620	0	0	0	0	0	0	0	0	0	0	173,478
	120-Overtime-General	34,498	20	444	0	0	0	0	0	0	0	0	0	0	34,962
	350-Material Issues-Major	183,158	1,695	1,766	0	0	0	0	0	0	0	0	0	0	186,619
	370-Outside Services	457,937	0	0	0	0	0	0	0	0	0	0	0	0	457,937
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	50,317	0	0	0	0	0	0	0	0	0	0	0	0	50,317
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	72,286	2,058	1,372	0	0	0	0	0	0	0	0	0	0	75,716
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-9,234	0	0	0	0	0	0	0	0	0	0	0	0	-9,234
	829-Construction Adjustment	1,265	0	0	0	0	0	0	0	0	0	0	0	0	1,265
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	14,641	305	144	0	0	0	0	0	0	0	0	0	0	15,090
	914-Pension and Benefits Load	55,252	973	461	0	0	0	0	0	0	0	0	0	0	56,686
	915-Injuries and Damages Load	13,613	293	139	0	0	0	0	0	0	0	0	0	0	14,045
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	13,258	223	233	0	0	0	0	0	0	0	0	0	0	13,714
	922-Minor Material Load	5,119	0	0	0	0	0	0	0	0	0	0	0	0	5,119
	925-E and S Loads	169,356	1,549	951	0	0	0	0	0	0	0	0	0	0	171,856
	926-A and G Loads	59,054	675	433	0	0	0	0	0	0	0	0	0	0	60,162
	928-AFUDC Debt Reg	35,510	100	113	0	0	0	0	0	0	0	0	0	0	35,723
	929-AFUDC - Equity Regular	12,827	60	67	0	0	0	0	0	0	0	0	0	0	12,954
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,336,376	12,291	7,743	0	0	0	0	0	0	0	0	0	0	1,356,410
	825-Clearings	-1,310,705	-6,074	-6,340	0	0	0	0	0	0	0	0	0	0	-1,323,119
	Clr Sum	-1,310,705	-6,074	-6,340	0	0	0	0	0	0	0	0	0	0	-1,323,119
	Proj Net	25,671	6,217	1,403	0	0	0	0	0	0	0	0	0	0	33,291

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Project No: 41001707 Santa Fe Pure Project

Company: 001-Electric Services

Location: 410 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

0

Project Need Justification

This work was identified via Automated Line Patrols (ALPS) and involves repairing and replacing small capital items including: arrestors, cross-arms, cut-outs, capacitors, and insulators. There is a substantial quantity of work that has been identified from past ALPS inspections and on-going inspections. This work is necessary to maintain reliable service and safety to the public and PNM line crews. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines requirements for following electrical and safety standards (National Electric Safety Code), minimizing interruption of service, and ensuring adequate protective safety measures. Not performing this work may decrease reliability and increase hazards to PNM personnel and the public.

Project Alternatives

This project is to proactively replace antiquated, non-standard, or failed equipment such as crossarms and arrestors. Waiting for equipment to fail and replace on a as need basis is the only alternative, but this option would result in disruption of service and potential safety issues from equipment failure.

A proactive approach to replace ageing and close-to-failure equipment is the selected choice.

Technical Aspects

This project involves the installation of antiquated or failed equipment such as crossarms, arrestors and insulators. Included in these costs are all materials and PNM labor to remove old equipment and install new equipment.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	41001707	Year	2015									
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	41,399	2,125	2,312	1,044	798	1,582	2,395	1,789	250	500	54,204	
120-Overtime-General	33,978	0	0	0	0	0	0	0	0	0	33,978	
350-Material Issues-Major	65,227	1,500	1,307	992	1,027	1,127	2,000	549	1,732	2,000	77,461	
370-Outside Services	271,136	85	780	541	433	836	271	2,000	826	3,117	280,025	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	694	403	0	0	0	0	4,280	702	1,652	7,731	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	36,075	1,212	1,937	1,379	991	903	1,255	1,303	333	1,197	46,585	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	4,864	149	162	73	56	111	168	125	18	35	5,760	
914-Pension and Benefits Load	18,804	474	516	233	178	355	535	399	56	112	21,662	
915-Injuries and Damages Load	4,954	143	156	70	54	107	161	120	17	34	5,816	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	9,332	198	172	131	135	148	263	72	228	263	10,943	
922-Minor Material Load	5,087	0	0	0	0	0	0	0	0	0	5,087	
925-E and S Loads	62,926	1,021	1,212	693	566	805	1,086	1,691	629	1,383	72,011	
926-A and G Loads	34,735	467	561	329	270	371	493	825	320	704	39,076	
928-AFUDC Debt Reg	286	0	0	0	0	0	0	0	0	0	286	
929-AFUDC - Equity Regular	429	0	0	0	0	0	0	0	0	0	429	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	589,231	8,068	9,517	5,485	4,508	6,356	8,626	13,154	5,110	10,997	661,053	
825-Clearings	-505,249	-23,933	-20,185	-16,363	-13,281	-11,480	-10,738	-11,366	-9,740	-10,067	-632,401	
Clr Sum	-505,249	-23,933	-20,185	-16,363	-13,281	-11,480	-10,738	-11,366	-9,740	-10,067	-632,401	
Proj Net	83,982	-15,865	-10,668	-10,878	-8,773	-5,124	-2,112	1,788	-4,630	931	28,652	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 41001707	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	54,204	1,465	1,755	1,622	2,168	2,358	1,065	814	1,623	2,443	1,825	515	1,360	73,217
120-Overtime-General	33,978	79	307	807	812	1,339	2,156	1,211	1,039	612	924	549	795	44,608
350-Material Issues-Major	77,461	1,025	1,074	525	2,935	1,333	1,012	1,047	1,150	3,281	560	1,767	3,677	96,847
370-Outside Services	280,025	1,499	1,826	2,794	86	795	552	442	852	276	4,935	843	3,180	298,105
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	7,731	1,526	1,994	-749	707	411	0	0	0	0	4,365	716	1,685	18,386
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	46,585	1,282	1,065	1,029	1,236	1,976	1,407	1,011	922	1,280	1,329	340	1,221	60,683
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	5,760	108	144	170	209	259	225	142	186	214	192	74	151	7,834
914-Pension and Benefits Load	21,662	345	460	542	665	825	719	452	594	682	614	237	481	28,278
915-Injuries and Damages Load	5,816	104	139	163	201	249	217	136	179	206	185	72	145	7,812
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	10,943	135	141	69	387	176	133	138	151	432	74	233	484	13,496
922-Minor Material Load	5,087	0	0	0	0	0	0	0	0	0	0	0	0	5,087
925-E and S Loads	72,011	1,189	1,402	1,105	1,443	1,527	1,177	841	1,047	1,439	2,389	818	2,031	88,419
926-A and G Loads	39,076	572	667	502	661	683	515	376	465	657	1,160	394	992	46,720
928-AFUDC Debt Reg	286	0	0	0	0	0	0	0	0	0	0	0	0	286
929-AFUDC - Equity Regular	429	0	0	0	0	0	0	0	0	0	0	0	0	429
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	661,053	9,329	10,974	8,579	11,510	11,931	9,178	6,610	8,208	11,522	18,552	6,558	16,202	790,206
825-Clearings	-632,401	-9,875	-10,161	-9,750	-10,207	-10,655	-10,271	-9,319	-9,031	-9,678	-11,985	-10,574	-12,037	-755,944
Clr Sum	-632,401	-9,875	-10,161	-9,750	-10,207	-10,655	-10,271	-9,319	-9,031	-9,678	-11,985	-10,574	-12,037	-755,944
Proj Net	28,652	-546	813	-1,171	1,303	1,276	-1,093	-2,709	-823	1,844	6,567	-4,016	4,165	34,262

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	41001707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	73,217	0	0	0	0	0	0	0	0	0	0	0	0	73,217
	120-Overtime-General	44,608	0	0	0	0	0	0	0	0	0	0	0	0	44,608
	350-Material Issues-Major	96,847	0	0	0	0	0	0	0	0	0	0	0	0	96,847
	370-Outside Services	298,105	0	0	0	0	0	0	0	0	0	0	0	0	298,105
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	18,386	0	0	0	0	0	0	0	0	0	0	0	0	18,386
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	60,683	0	0	0	0	0	0	0	0	0	0	0	0	60,683
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	7,834	0	0	0	0	0	0	0	0	0	0	0	0	7,834
	914-Pension and Benefits Load	28,278	0	0	0	0	0	0	0	0	0	0	0	0	28,278
	915-Injuries and Damages Load	7,812	0	0	0	0	0	0	0	0	0	0	0	0	7,812
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	13,496	0	0	0	0	0	0	0	0	0	0	0	0	13,496
	922-Minor Material Load	5,087	0	0	0	0	0	0	0	0	0	0	0	0	5,087
	925-E and S Loads	88,419	0	0	0	0	0	0	0	0	0	0	0	0	88,419
	926-A and G Loads	46,720	0	0	0	0	0	0	0	0	0	0	0	0	46,720
	928-AFUDC Debt Reg	286	0	0	0	0	0	0	0	0	0	0	0	0	286
	929-AFUDC - Equity Regular	429	0	0	0	0	0	0	0	0	0	0	0	0	429
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	790,206	0	0	0	0	0	0	0	0	0	0	0	0	790,206
	825-Clearings	-755,944	0	0	0	0	0	0	0	0	0	0	0	0	-755,944
	Clr Sum	-755,944	0	0	0	0	0	0	0	0	0	0	0	0	-755,944
	Proj Net	34,262	0	0	0	0	0	0	0	0	0	0	0	0	34,262

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Project No: 50000207 Line Extension - Commercial

Company: 001-Electric Services

Location: 500 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for the installation of distribution line extensions necessary to serve new or expanding non-residential customers. The project includes the costs of labor for engineering, design, right-of-way acquisition, environmental review, and construction. The costs also include materials for the installation of the overhead or underground distribution extensions.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project has no alternatives. The project is required to meet PNM's obligation to serve new customers. Line extensions are designed to the minimum system requirements in accordance with PNM Rule 15.

Technical Aspects

The physical components include, but are not limited to primary wires, secondary wires, wood or steel poles and other supporting structures, trenches, switchgear, and duct-bank systems. Customers are responsible for these costs less credits they are allowed under PNM's Rule 15 Line Extension Policy approved by the New Mexico Public Regulatory Commission. This project provides for PNM's portion of the cost of these line extensions.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	50000207	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	515,763		9,000	12,250	7,500	7,000	8,500	8,575	7,227	6,500	4,000	586,316
	120-Overtime-General	12,588		532	3,232	117	200	118	178	0	871	793	18,630
	350-Material Issues-Major	729,012		9,000	10,000	11,000	11,500	10,755	10,500	7,500	5,000	6,000	810,267
	370-Outside Services	498,184		2,813	5,217	2,410	1,000	5,746	4,217	-340	-1,780	0	517,465
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	38,336		0	0	0	0	0	0	0	0	0	38,336
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	149,625		6,571	5,000	3,631	5,000	2,717	4,774	-205	1,888	5,758	184,759
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-1,805,248		-54,620	-30,000	-24,000	-30,238	-20,000	-20,000	-15,773	-13,528	-10,000	-2,023,407
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	38,154		667	1,084	533	504	603	613	506	516	336	43,515
	914-Pension and Benefits Load	143,178		2,128	3,456	1,700	1,607	1,924	1,954	1,613	1,645	1,070	160,274
	915-Injuries and Damages Load	39,173		642	1,042	513	485	580	589	486	496	323	44,328
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	61,600		1,185	1,317	1,449	1,515	1,416	1,383	988	659	790	72,301
	922-Minor Material Load	38,194		0	0	0	0	0	0	0	0	0	38,194
	925-E and S Loads	335,299		5,016	6,605	4,385	4,367	4,951	5,024	2,686	2,422	2,925	373,679
	926-A and G Loads	113,523		2,323	2,970	2,052	2,055	2,316	2,350	1,180	1,038	1,377	131,184
	928-AFUDC Debt Reg	0		0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0		0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	907,382		-14,743	22,172	11,289	4,994	19,626	20,155	5,868	5,727	13,372	995,842
	825-Clearings	-894,521		489	-5,403	-6,933	-6,429	-9,860	-12,537	-10,803	-9,483	-10,494	-965,974
	Clr Sum	-894,521		489	-5,403	-6,933	-6,429	-9,860	-12,537	-10,803	-9,483	-10,494	-965,974
	Proj Net	12,861		-14,253	16,769	4,356	-1,435	9,766	7,618	-4,935	-3,756	2,878	29,868

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 50000207	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	586,316	17,598	12,262	15,408	20,785	23,709	9,560	-21,686	11,962	12,261	8,127	5,154	14,831	716,287
120-Overtime-General	18,630	799	130	2,761	599	3,634	132	-4,955	133	200	0	980	892	23,935
350-Material Issues-Major	810,267	28,786	9,852	10,502	23,345	103,409	-27,662	-217,350	10,497	18,882	72,065	27,945	32,639	903,177
370-Outside Services	517,465	24,220	5,166	10,530	3,148	5,837	2,696	-2,617	6,429	4,718	-381	-1,992	0	575,219
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	38,336	0	0	22	0	0	0	0	0	0	0	0	0	38,358
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	184,759	4,005	4,049	3,030	7,353	24,765	4,063	-15,058	3,041	5,341	-229	2,112	6,443	233,674
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-2,023,407	-42,016	-3,035	-9,554	-61,119	-23,512	-13,615	-33,836	-18,495	-10,571	-17,649	-15,137	-56,982	-2,328,928
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	43,515	1,288	867	1,272	1,497	1,914	678	-1,865	847	872	569	429	1,101	52,984
914-Pension and Benefits Load	160,274	4,106	2,766	4,055	4,773	6,103	2,163	-5,946	2,700	2,781	1,814	1,369	3,509	190,467
915-Injuries and Damages Load	44,328	1,238	834	1,223	1,439	1,840	652	-1,793	814	839	547	413	1,058	53,432
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	72,301	3,791	1,297	1,383	3,075	13,619	-3,643	-28,625	1,382	2,487	9,491	3,680	4,299	84,537
922-Minor Material Load	38,194	0	0	0	0	0	0	0	0	0	0	0	0	38,194
925-E and S Loads	373,679	13,126	5,748	7,809	10,070	27,394	-1,235	-43,403	5,828	7,343	13,202	5,825	9,676	435,062
926-A and G Loads	131,184	6,274	2,617	3,515	4,595	13,425	-933	-21,771	2,668	3,445	6,621	2,845	4,560	159,045
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	995,842	63,215	42,553	51,956	19,560	202,137	-27,144	-398,905	27,806	48,598	94,177	33,623	22,026	1,175,444
825-Clearings	-965,974	-24,202	-28,973	-34,949	-30,948	-75,457	-48,781	67,617	42,808	19,042	-10,395	-16,434	-17,888	-1,124,534
Clr Sum	-965,974	-24,202	-28,973	-34,949	-30,948	-75,457	-48,781	67,617	42,808	19,042	-10,395	-16,434	-17,888	-1,124,534
Proj Net	29,868	39,013	13,580	17,007	-11,388	126,680	-75,925	-331,288	70,614	67,640	83,782	17,189	4,138	50,910

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	50000207	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	716,287	18,162	12,654	0	0	0	0	0	0	0	0	0	0	747,103
	120-Overtime-General	23,935	825	134	0	0	0	0	0	0	0	0	0	0	24,894
	350-Material Issues-Major	903,177	29,475	10,087	0	0	0	0	0	0	0	0	0	0	942,739
	370-Outside Services	575,219	24,873	5,305	0	0	0	0	0	0	0	0	0	0	605,397
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	38,358	0	0	0	0	0	0	0	0	0	0	0	0	38,358
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	233,674	4,113	4,158	0	0	0	0	0	0	0	0	0	0	241,945
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-2,328,928	-43,150	-3,116	0	0	0	0	0	0	0	0	0	0	-2,375,194
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	52,984	1,329	895	0	0	0	0	0	0	0	0	0	0	55,208
	914-Pension and Benefits Load	190,467	4,238	2,854	0	0	0	0	0	0	0	0	0	0	197,559
	915-Injuries and Damages Load	53,432	1,278	861	0	0	0	0	0	0	0	0	0	0	55,571
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	84,537	3,882	1,329	0	0	0	0	0	0	0	0	0	0	89,748
	922-Minor Material Load	38,194	0	0	0	0	0	0	0	0	0	0	0	0	38,194
	925-E and S Loads	435,062	13,487	5,912	0	0	0	0	0	0	0	0	0	0	454,461
	926-A and G Loads	159,045	6,444	2,691	0	0	0	0	0	0	0	0	0	0	168,180
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,175,444	64,956	43,764	0	0	0	0	0	0	0	0	0	0	1,284,164
	825-Clearings	-1,124,534	-30,126	-33,672	0	0	0	0	0	0	0	0	0	0	-1,188,332
	Clr Sum	-1,124,534	-30,126	-33,672	0	0	0	0	0	0	0	0	0	0	-1,188,332
	Proj Net	50,910	34,830	10,092	0	0	0	0	0	0	0	0	0	0	95,832

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Project No: 50000607 Distr. Remove & Replace

Company: 001-Electric Services

Location: 500 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

This project consists of many individual work orders which are placed in service at various times throughout the year the timing of which are determined by governmental road widening schedules and the occurrence of significant storms.

Project Need Justification

This project includes relocations of facilities in road rights-of-way for road re-alignments or widening projects. The project also includes the removal and replacement of existing electric distribution facilities that have been damaged during storms or deteriorated through normal aging. Project drivers include the need to replace failed equipment and governmental roadway improvement projects.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

For storm restoration or replacement of aging equipment the work under this project generally involves the replacement of like for like equipment. For relocation situations involving road widening projects, alternative routes and configuration are considered on a case-by-case basis taking into account new road and sidewalk alignments, traffic signals and other structure elements as well as availability of easements from adjacent lands to determine the optimum relocation. The work is required under franchise agreements or as necessary for maintaining system integrity and/or restoring power after storms.

Technical Aspects

Removal and replacement of electric distribution facilities include the design, installation, and removal of wire, poles, pole hardware including insulators, cross arms, cut outs, anchor assemblies, overhead and underground transformers and switches, protection equipment, underground cable and conduits, and other equipment.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	50000607	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	713,821	1,615	-1,599	986	3,359	1,284	2,711	1,617	1,470	705	725,968
	120-Overtime-General	410,902	2,663	-1,593	508	3,535	1,287	1,580	1,101	674	461	421,118
	350-Material Issues-Major	489,342	954	-536	936	3,854	560	4,099	815	653	471	501,149
	370-Outside Services	396,934	209	-3,792	803	528	287	1,714	584	5,265	1,261	403,794
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	4,377	0	0	0	0	0	82	63	270	26	4,819
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	436,329	1,902	-1,353	649	3,226	817	2,301	1,579	619	523	446,592
	805-Land and Land Rights	29,172	0	0	0	0	0	0	0	0	0	29,172
	807-Non Refundable Contribution	-720,326	-6,044	17,436	-572	0	1,534	-10,669	-476	-3,118	-915	-723,151
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	81,411	300	-223	105	483	180	300	190	150	82	82,976
	914-Pension and Benefits Load	309,529	955	-712	333	1,539	574	958	607	479	260	314,521
	915-Injuries and Damages Load	83,392	288	-215	101	464	173	289	183	144	78	84,897
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	49,261	126	-71	123	508	74	540	107	86	62	50,836
	922-Minor Material Load	26,452	0	0	0	0	0	0	0	0	0	26,452
	925-E and S Loads	395,040	1,422	-1,604	707	2,718	826	2,246	1,078	1,556	619	404,607
	926-A and G Loads	135,936	611	-738	323	1,207	352	1,039	479	745	287	140,240
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,841,593	5,000	5,000	5,000	21,421	7,947	7,190	7,927	8,993	3,920	2,913,990
	825-Clearings	-2,546,955	-95,884	-66,801	-47,025	-38,831	-28,948	-21,986	-17,487	-14,769	-11,297	-2,889,983
	Clr Sum	-2,546,955	-95,884	-66,801	-47,025	-38,831	-28,948	-21,986	-17,487	-14,769	-11,297	-2,889,983
Proj Net		294,638	-90,884	-61,801	-42,025	-17,411	-21,002	-14,796	-9,560	-5,776	-7,377	24,007

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	50000607	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	725,968	-21,501	0	0	4,810	16,221	0	84,764	0	0	7,290	7,247	0	824,799
	120-Overtime-General	421,118	8,686	8,560	6,696	6,025	10,757	7,729	8,650	7,843	2,151	7,173	7,212	4,882	507,482
	350-Material Issues-Major	501,149	7,922	7,702	5,999	5,469	9,812	6,995	7,980	7,122	1,958	6,370	6,459	4,396	579,333
	370-Outside Services	403,794	8,091	7,908	6,110	5,582	10,088	7,397	8,663	7,545	2,070	6,597	6,695	4,570	485,110
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	4,819	227	199	470	320	201	412	152	60	69	63	231	202	7,425
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	446,592	7,167	4,643	5,513	10,304	5,486	16,089	8,167	2,873	2,268	2,951	8,037	4,280	524,370
	805-Land and Land Rights	29,172	0	0	0	0	0	0	0	0	0	0	0	0	29,172
	807-Non Refundable Contribution	-723,151	-11,660	-21,417	-25,553	-21,924	-19,484	-19,232	-13,830	-7,811	-2,609	-6,439	-9,992	-13,392	-896,494
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	82,976	-897	599	469	758	1,888	541	6,539	549	151	1,012	1,012	342	95,939
	914-Pension and Benefits Load	314,521	-2,860	1,911	1,495	2,418	6,021	1,725	20,850	1,751	480	3,228	3,227	1,090	355,857
	915-Injuries and Damages Load	84,897	-862	576	451	729	1,816	520	6,287	528	145	973	973	329	97,362
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	50,836	1,043	1,014	790	720	1,292	921	1,051	938	258	839	851	579	61,132
	922-Minor Material Load	26,452	0	0	0	0	0	0	0	0	0	0	0	0	26,452
	925-E and S Loads	404,607	956	5,136	4,352	5,827	9,966	6,625	24,328	4,523	1,487	5,705	6,575	3,214	483,301
	926-A and G Loads	140,240	881	2,414	2,062	2,705	4,373	3,213	9,849	2,117	709	2,533	2,985	1,525	175,606
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,913,990	-2,807	19,245	8,854	23,743	58,437	32,935	173,450	28,038	9,137	38,295	41,512	12,017	3,356,846
	825-Clearings	-2,889,983	-6,784	-10,771	-10,158	-14,505	-28,564	-29,963	-75,879	-60,570	-44,111	-42,250	-42,014	-32,415	-3,287,967
	Clr Sum	-2,889,983	-6,784	-10,771	-10,158	-14,505	-28,564	-29,963	-75,879	-60,570	-44,111	-42,250	-42,014	-32,415	-3,287,967
Proj Net		24,007	-9,591	8,474	-1,304	9,238	29,873	2,972	97,571	-32,532	-34,974	-3,955	-502	-20,398	68,879

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	50000607	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	824,799	-26,784	0	0	0	0	0	0	0	0	0	0	0	798,015
	120-Overtime-General	507,482	10,820	10,663	0	0	0	0	0	0	0	0	0	0	528,965
	350-Material Issues-Major	579,333	9,790	9,519	0	0	0	0	0	0	0	0	0	0	598,642
	370-Outside Services	485,110	10,030	9,802	0	0	0	0	0	0	0	0	0	0	504,942
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	7,425	281	247	0	0	0	0	0	0	0	0	0	0	7,953
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	524,370	8,884	5,756	0	0	0	0	0	0	0	0	0	0	539,010
	805-Land and Land Rights	29,172	0	0	0	0	0	0	0	0	0	0	0	0	29,172
	807-Non Refundable Contribution	-896,494	-14,453	-26,548	0	0	0	0	0	0	0	0	0	0	-937,495
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	95,939	-1,117	746	0	0	0	0	0	0	0	0	0	0	95,568
	914-Pension and Benefits Load	355,857	-3,563	2,380	0	0	0	0	0	0	0	0	0	0	354,674
	915-Injuries and Damages Load	97,362	-1,074	718	0	0	0	0	0	0	0	0	0	0	97,006
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	61,132	1,289	1,254	0	0	0	0	0	0	0	0	0	0	63,675
	922-Minor Material Load	26,452	0	0	0	0	0	0	0	0	0	0	0	0	26,452
	925-E and S Loads	483,301	1,163	6,373	0	0	0	0	0	0	0	0	0	0	490,837
	926-A and G Loads	175,606	1,083	2,994	0	0	0	0	0	0	0	0	0	0	179,683
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,356,846	-3,651	23,904	0	0	0	0	0	0	0	0	0	0	3,377,099
	825-Clearings	-3,287,967	-20,873	-21,843	0	0	0	0	0	0	0	0	0	0	-3,330,683
	Clr Sum	-3,287,967	-20,873	-21,843	0	0	0	0	0	0	0	0	0	0	-3,330,683
	Proj Net	68,879	-24,524	2,061	0	0	0	0	0	0	0	0	0	0	46,416

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Project No: 50000807 Services

Company: 001-Electric Services

Location: 500 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Generally, this blanket work order is cleared quarterly; 04-15,07-15,10-15,12-15

Project Need Justification

This project provides for the electrical connection of retail customers' facilities to PNM's distribution system. PNM is obligated to serve customers within its service territory.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

There are no alternatives to this project. This project is required to provide service to customers.

Technical Aspects

This project includes the labor for the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer. Materials associated with connecting and terminating services are not included with this project but are charged to the related project for Albuquerque Services Project 10000807. PNM's and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	50000807	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	766,748	11,471	10,212	6,691	5,366	11,857	10,298	8,990	11,208	9,734	852,575		
120-Overtime-General	95,874	1,945	3,721	250	925	1,025	528	1,116	982	2,524	108,889		
350-Material Issues-Major	133,890	0	0	186	58	0	76	0	0	0	134,210		
370-Outside Services	529,768	358	251	103	3,004	2,048	3,016	954	905	3,415	543,821		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	79,207	0	0	0	0	0	0	0	0	0	79,207		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	171,452	5,821	5,486	1,815	1,002	1,721	3,687	2,567	2,737	2,922	199,210		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	-30,845	0	0	0	0	0	0	0	0	0	-30,845		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	61,425	939	975	486	440	902	758	707	853	858	68,344		
914-Pension and Benefits Load	236,774	2,994	3,110	1,549	1,404	2,875	2,416	2,256	2,721	2,736	258,835		
915-Injuries and Damages Load	60,794	903	938	467	423	867	729	680	820	825	67,446		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	19,728	0	0	25	8	0	10	0	0	0	19,770		
922-Minor Material Load	6,011	0	0	0	0	0	0	0	0	0	6,011		
925-E and S Loads	301,116	3,909	3,951	1,848	2,020	3,407	3,441	2,763	3,236	3,682	329,373		
926-A and G Loads	103,941	1,630	1,637	753	862	1,385	1,465	1,134	1,317	1,547	115,670		
928-AFUDC Debt Reg	32,889	0	0	0	0	0	0	0	0	0	32,889		
929-AFUDC - Equity Regular	6,690	0	0	0	0	0	0	0	0	0	6,690		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	2,575,461	29,971	30,280	14,172	15,511	26,086	26,423	21,166	24,780	28,243	2,792,093		
825-Clearings	-2,494,887	-88,436	0	0	-65,658	0	0	-72,072	0	-71,041	-2,792,093		
Clr Sum	-2,494,887	-88,436	0	0	-65,658	0	0	-72,072	0	-71,041	-2,792,093		
Proj Net	80,574	-58,465	30,280	14,172	-50,147	26,086	26,423	-50,906	24,780	-42,798	0		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 50000807	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	852,575	11,184	16,219	33,157	14,071	17,381	14,870	13,396	17,264	8,835	9,289	5,414	7,503	1,021,158
120-Overtime-General	108,889	1,568	2,281	4,643	1,972	2,442	2,139	1,958	2,480	1,292	1,373	793	1,086	132,916
350-Material Issues-Major	134,210	25	33	72	17	14	26	19	169	32	3	12	18	134,650
370-Outside Services	543,821	1,230	2,152	2,071	1,009	574	1,714	1,395	7,036	1,674	173	1,042	1,690	565,581
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	79,207	0	0	0	0	0	0	0	0	0	0	0	0	79,207
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	199,210	2,955	4,760	13,683	4,419	7,618	5,195	4,360	7,379	2,304	2,063	1,232	1,564	256,742
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-30,845	0	0	0	0	0	0	0	0	0	0	0	0	-30,845
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	68,344	893	1,295	2,646	1,123	1,388	1,191	1,075	1,382	709	746	435	601	81,828
914-Pension and Benefits Load	258,835	2,846	4,129	8,437	3,581	4,424	3,797	3,427	4,407	2,260	2,380	1,385	1,917	301,825
915-Injuries and Damages Load	67,446	858	1,245	2,544	1,080	1,334	1,145	1,033	1,329	682	718	418	578	80,410
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	19,770	3	4	9	2	2	3	3	22	4	0	2	2	19,826
922-Minor Material Load	6,011	0	0	0	0	0	0	0	0	0	0	0	0	6,011
925-E and S Loads	329,373	3,449	5,138	10,761	4,363	5,628	4,812	4,266	6,631	2,846	2,679	1,717	2,393	384,056
926-A and G Loads	115,670	1,411	2,117	4,462	1,788	2,332	1,992	1,758	2,856	1,176	1,073	707	987	138,329
928-AFUDC Debt Reg	32,889	0	0	0	0	0	0	0	0	0	0	0	0	32,889
929-AFUDC - Equity Regular	6,690	0	0	0	0	0	0	0	0	0	0	0	0	6,690
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	2,792,093	26,422	39,373	82,485	33,425	43,137	36,884	32,690	50,955	21,814	20,497	13,157	18,339	3,211,271
825-Clearings	-2,792,093	0	0	0	-145,367	0	0	-119,243	0	0	-98,461	0	-56,111	-3,211,275
Clr Sum	-2,792,093	0	0	0	-145,367	0	0	-119,243	0	0	-98,461	0	-56,111	-3,211,275
Proj Net	0	26,422	39,373	82,485	-111,942	43,137	36,884	-86,553	50,955	21,814	-77,964	13,157	-37,772	-4

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	50000807	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	1,021,158	14,373	20,844	0	0	0	0	0	0	0	0	0	0	1,056,375
	120-Overtime-General	132,916	2,015	2,932	0	0	0	0	0	0	0	0	0	0	137,863
	350-Material Issues-Major	134,650	32	42	0	0	0	0	0	0	0	0	0	0	134,724
	370-Outside Services	565,581	1,573	2,752	0	0	0	0	0	0	0	0	0	0	569,906
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	79,207	0	0	0	0	0	0	0	0	0	0	0	0	79,207
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	256,742	3,779	6,088	0	0	0	0	0	0	0	0	0	0	266,609
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-30,845	0	0	0	0	0	0	0	0	0	0	0	0	-30,845
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	81,828	1,147	1,664	0	0	0	0	0	0	0	0	0	0	84,639
	914-Pension and Benefits Load	301,825	3,658	5,307	0	0	0	0	0	0	0	0	0	0	310,790
	915-Injuries and Damages Load	80,410	1,103	1,600	0	0	0	0	0	0	0	0	0	0	83,113
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	19,826	4	6	0	0	0	0	0	0	0	0	0	0	19,836
	922-Minor Material Load	6,011	0	0	0	0	0	0	0	0	0	0	0	0	6,011
	925-E and S Loads	384,056	4,429	6,597	0	0	0	0	0	0	0	0	0	0	395,082
	926-A and G Loads	138,329	1,811	2,717	0	0	0	0	0	0	0	0	0	0	142,857
	928-AFUDC Debt Reg	32,889	0	0	0	0	0	0	0	0	0	0	0	0	32,889
	929-AFUDC - Equity Regular	6,690	0	0	0	0	0	0	0	0	0	0	0	0	6,690
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,211,271	33,924	50,549	0	0	0	0	0	0	0	0	0	0	3,295,744
	825-Clearings	-3,211,275	0	0	0	0	0	0	0	0	0	0	0	0	-3,211,275
	Clr Sum	-3,211,275	0	0	0	0	0	0	0	0	0	0	0	0	-3,211,275
	Proj Net	-4	33,924	50,549	0	0	0	0	0	0	0	0	0	0	84,469

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Project No: 60002110 Misc 46kv Line

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 1/1/2014 Estimated Completion Date N/A

List Interim In-Service Dates

Individual WO are placed in service as completed, with an estimated 4 clearing per year.

Project Need Justification

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 Alternatives

These minor 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. Life extension (such as ground line reinforcement) verses replacement is evaluated based on the possible impact on reliability and long-term maintenance costs.

Technical Aspects

Technical aspects are considered on a task by task basis, but might include improved lightning performance from enhanced grounding, or improved clearances provided by the installation of taller poles. Replacement of aged wood crossarms and pin type insulators with polymer post insulators may be done to improve reliability and reduce maintenance costs.

The budget is developed from historical spend with trending based on input from line inspection reports (such as pole groundline testing or wood crossarm inspections).

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.

Overall spend is tracked quarterly and adjusted to reflect timing of specific tasks.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60002110	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	114,562		1,250	1,250	1,250	1,250	1,250	1,250	500	500	500	123,562
	120-Overtime-General	48,072		0	0	0	0	0	0	0	0	0	48,072
	350-Material Issues-Major	199,165		0	6,250	6,250	0	5,500	6,250	6,000	6,000	0	235,415
	370-Outside Services	125,369		0	2,500	2,000	0	2,500	2,500	2,000	1,250	0	138,119
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	58,479		0	0	0	0	0	0	0	0	0	58,479
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-24,783		0	0	0	0	0	0	0	0	0	-24,783
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	11,360		88	88	88	88	88	88	35	35	35	11,990
	914-Pension and Benefits Load	42,788		279	279	279	279	279	279	112	112	112	44,797
	915-Injuries and Damages Load	12,644		84	84	84	84	84	84	34	34	34	13,249
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	12,443		0	823	823	0	724	823	790	790	0	17,217
	922-Minor Material Load	5,425		0	0	0	0	0	0	0	0	0	5,425
	925-E and S Loads	77,266		272	1,672	1,592	272	1,552	1,672	1,389	1,269	109	87,065
	926-A and G Loads	33,388		104	832	790	104	770	832	707	645	42	38,214
	928-AFUDC Debt Reg	8,609		47	68	103	123	143	178	212	242	65	9,793
	929-AFUDC - Equity Regular	7,979		68	97	147	176	205	255	303	346	93	9,669
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	732,767		2,192	13,943	13,407	2,377	13,095	14,211	12,082	11,222	989	816,284
	825-Clearings	-715,428		0	0	0	0	0	0	0	-74,900	0	-790,328
	Clr Sum	-715,428		0	0	0	0	0	0	0	-74,900	0	-790,328
	Proj Net	17,339		2,192	13,943	13,407	2,377	13,095	14,211	12,082	-63,678	989	25,956

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60002110	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	123,562	0	500	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,000	500	500	134,812
	120-Overtime-General	48,072	0	0	0	0	0	0	0	0	0	0	0	0	48,072
	350-Material Issues-Major	235,415	0	463	5,787	0	6,250	6,250	0	5,250	5,250	6,000	6,000	0	276,665
	370-Outside Services	138,119	0	0	1,250	0	2,500	2,500	0	1,250	2,500	2,000	1,250	0	151,369
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	58,479	0	0	0	0	0	0	0	0	0	0	0	0	58,479
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-24,783	0	0	0	0	0	0	0	0	0	0	0	0	-24,783
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	11,990	0	35	88	88	88	88	88	88	88	70	35	35	12,781
	914-Pension and Benefits Load	44,797	0	112	279	279	279	279	279	279	279	223	112	112	47,309
	915-Injuries and Damages Load	13,249	0	34	84	84	84	84	84	84	84	67	34	34	14,006
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	17,217	0	61	762	0	823	823	0	691	691	790	790	0	22,648
	922-Minor Material Load	5,425	0	0	0	0	0	0	0	0	0	0	0	0	5,425
	925-E and S Loads	87,065	0	183	1,398	272	1,672	1,672	272	1,312	1,512	1,498	1,269	109	98,234
	926-A and G Loads	38,214	0	80	689	104	832	832	104	645	749	749	645	42	43,685
	928-AFUDC Debt Reg	9,793	45	47	10	22	36	60	74	86	106	128	148	159	10,714
	929-AFUDC - Equity Regular	9,669	0	0	0	0	0	0	0	0	0	0	0	0	9,669
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	816,284	45	1,515	11,597	2,099	13,814	13,838	2,151	10,935	12,509	12,525	10,783	991	909,086
	825-Clearings	-790,328	0	-27,516	0	0	0	0	0	0	0	0	0	0	-817,844
	Clr Sum	-790,328	0	-27,516	0	0	0	0	0	0	0	0	0	0	-817,844
	Proj Net	25,956	45	-26,001	11,597	2,099	13,814	13,838	2,151	10,935	12,509	12,525	10,783	991	91,242

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60002110	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	134,812	0	461	0	0	0	0	0	0	0	0	0	0	135,273
	120-Overtime-General	48,072	0	0	0	0	0	0	0	0	0	0	0	0	48,072
	350-Material Issues-Major	276,665	0	500	0	0	0	0	0	0	0	0	0	0	277,165
	370-Outside Services	151,369	0	0	0	0	0	0	0	0	0	0	0	0	151,369
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	58,479	0	0	0	0	0	0	0	0	0	0	0	0	58,479
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-24,783	0	0	0	0	0	0	0	0	0	0	0	0	-24,783
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	12,781	0	32	0	0	0	0	0	0	0	0	0	0	12,813
	914-Pension and Benefits Load	47,309	0	103	0	0	0	0	0	0	0	0	0	0	47,412
	915-Injuries and Damages Load	14,006	0	31	0	0	0	0	0	0	0	0	0	0	14,037
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	22,648	0	66	0	0	0	0	0	0	0	0	0	0	22,714
	922-Minor Material Load	5,425	0	0	0	0	0	0	0	0	0	0	0	0	5,425
	925-E and S Loads	98,234	0	180	0	0	0	0	0	0	0	0	0	0	98,414
	926-A and G Loads	43,685	0	80	0	0	0	0	0	0	0	0	0	0	43,765
	928-AFUDC Debt Reg	10,714	289	293	0	0	0	0	0	0	0	0	0	0	11,296
	929-AFUDC - Equity Regular	9,669	171	173	0	0	0	0	0	0	0	0	0	0	10,013
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	909,086	460	1,919	0	0	0	0	0	0	0	0	0	0	911,465
	825-Clearings	-817,844	0	0	0	0	0	0	0	0	0	0	0	0	-817,844
	Clr Sum	-817,844	0	0	0	0	0	0	0	0	0	0	0	0	-817,844
	Proj Net	91,242	460	1,919	0	0	0	0	0	0	0	0	0	0	93,621

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Project No: 89900207 Line Extensions - Commercial

Company: 001-Electric Services

Location: 899 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for the installation of distribution line extensions necessary to serve new or expanding non-residential customers. The funds for this project includes the costs associated with labor for engineering, design, right-of-way acquisition, environmental review, and construction. The costs also include materials for the installation of the overhead or underground distribution extensions.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

This project has no alternatives. The project is required to meet PNM's obligation to serve new customers. Line extensions are designed to the minimum system requirements in accordance with PNM Rule 15.

Technical Aspects

The Physical components for these projects include but are not limited to primary wires, secondary wires, wood or steel poles and other supporting structures, trenches, switchgear, and duct-bank systems. Customers are responsible for these costs less credits they are allowed under PNM's Rule 15 Line Extension Policy approved by the New Mexico Public Regulatory Commission. This project provides for PNM's portion of the cost of these line extensions.

This project funds PNM's portion of the cost of installing distribution line extensions necessary to serve new or expanding non-residential customers. The project includes the costs of labor for engineering, design, right-of-way acquisition, environmental review, and construction. The costs also include materials for the installation of the overhead or underground distribution extensions.

The specific work items for this blanket will not be known until after the customer requests are received. As a result, much of the work and the associated budget line items are identified during the year of spend. To develop budgeted spending levels, historical spend in this funding project is analyzed,

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

escalation factors are applied as required, and the resulting forecasted spend is adjusted quarterly as appropriate consistent with the trends in new service activity.

The initial budget for this project was developed by applying escalation factors to the actual 12 months spend ending May 2014. For example, historical labor costs are adjusted for changes in wage rates, and materials costs may be adjusted for changes in certain commodity costs like poles and conductors.

The typical breakdown of total cost by high level cost categories is as follows: outside services including contract labor (47%), material (39%), PNM labor (13%), and PNM transportation & equipment (1%). This breakdown typically fluctuates for each project depending on the specifics and complexity of the project and whether or not PNM or contract construction crews are used and also varies for the entire project from year-to-year depending on the conditions and events that occur during that period.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	89900207	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	1,267,609		8,500	7,664	8,500	8,500	8,500	8,500	8,000	7,049	6,500	1,339,323
	120-Overtime-General	27,302		11	672	1,535	-308	326	0	668	182	535	30,924
	350-Material Issues-Major	3,401,474		21,936	17,750	18,500	21,000	21,000	22,250	22,250	12,250	8,000	3,566,410
	370-Outside Services	2,049,959		30,000	43,000	33,742	36,820	25,062	19,936	17,750	9,000	8,000	2,273,269
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	93,496		0	0	0	-5	5	0	0	1	157	93,654
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	370,512		368	1,016	3,997	1,385	1,936	1,415	1,090	730	1,368	383,818
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-5,795,040		-87,525	-50,000	-65,483	-58,443	-58,500	-35,000	-20,000	-14,500	-12,500	-6,196,992
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	94,057		596	584	702	573	618	595	607	506	492	99,331
	914-Pension and Benefits Load	357,452		1,900	1,861	2,240	1,829	1,970	1,897	1,935	1,614	1,570	374,267
	915-Injuries and Damages Load	98,719		573	561	675	551	594	572	583	487	473	103,789
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	341,454		2,889	2,338	2,436	2,766	2,766	2,930	2,930	1,613	1,054	363,176
	922-Minor Material Load	215,602		0	0	0	0	0	0	0	0	0	215,602
	925-E and S Loads	1,298,743		10,221	11,697	11,183	11,255	9,602	8,826	8,461	5,091	4,335	1,379,415
	926-A and G Loads	439,347		5,060	5,832	5,514	5,607	4,728	4,335	4,140	2,430	2,043	479,037
	928-AFUDC Debt Reg	11,857		0	0	0	0	0	0	0	0	0	11,857
	929-AFUDC - Equity Regular	31,907		0	0	0	0	0	0	0	0	0	31,907
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	4,304,452		-5,472	42,974	23,541	31,531	18,607	36,256	48,415	26,455	22,028	4,548,788
	825-Clearings	-4,087,094		-55,091	-51,940	-44,556	-41,170	-35,304	-35,551	-38,896	-35,661	-32,117	-4,457,379
	Clr Sum	-4,087,094		-55,091	-51,940	-44,556	-41,170	-35,304	-35,551	-38,896	-35,661	-32,117	-4,457,379
	Proj Net	217,358		-60,562	-8,966	-21,015	-9,639	-16,696	705	9,519	-9,207	-10,088	91,409

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	89900207	Year	2016											
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	1,339,323	11,142	15,355	14,268	6,610	8,618	17,118	8,501	15,501	5,444	7,020	7,927	9,435	1,466,262
120-Overtime-General	30,924	92	126	23	13	756	1,726	-346	367	0	752	205	602	35,240
350-Material Issues-Major	3,566,410	20,279	24,864	221	24,497	15,150	20,164	48,467	22,286	32,568	41,901	9,132	22,862	3,848,801
370-Outside Services	2,273,269	27,523	22,254	10,758	40,271	81,024	37,756	41,248	28,044	11,893	21,636	35,485	21,803	2,652,964
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	93,654	0	0	-1	0	0	0	-5	5	0	0	1	157	93,811
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	383,818	1,057	2,118	987	412	1,137	4,473	1,550	2,167	1,583	1,220	817	1,531	402,870
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-6,196,992	-60,266	-124,974	-29,801	-97,939	-35,178	-73,274	-65,397	-46,345	7,624	-12,883	-142,905	-69,235	-6,947,565
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	99,331	786	1,084	1,000	464	656	1,319	571	1,111	381	544	569	703	108,519
914-Pension and Benefits Load	374,267	2,507	3,455	3,190	1,478	2,092	4,206	1,820	3,542	1,215	1,735	1,815	2,240	403,562
915-Injuries and Damages Load	103,789	756	1,042	962	446	631	1,268	549	1,068	366	523	547	675	112,622
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	363,176	2,671	3,275	29	3,226	1,995	2,656	6,383	2,935	4,289	5,518	1,203	3,011	400,367
922-Minor Material Load	215,602	0	0	0	0	0	0	0	0	0	0	0	0	215,602
925-E and S Loads	1,379,415	10,263	11,248	5,025	11,870	17,610	14,085	16,377	11,854	8,552	12,053	9,040	9,601	1,516,993
926-A and G Loads	479,037	5,000	5,384	2,185	5,974	8,876	6,759	8,271	5,688	4,284	6,034	4,457	4,692	546,641
928-AFUDC Debt Reg	11,857	0	0	0	0	0	0	0	0	0	0	0	0	11,857
929-AFUDC - Equity Regular	31,907	0	0	0	0	0	0	0	0	0	0	0	0	31,907
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	4,548,788	21,810	-34,769	8,846	-2,678	103,367	38,256	67,989	48,223	78,199	86,053	-71,707	8,077	4,900,454
825-Clearings	-4,457,379	-29,437	-12,743	-11,730	-7,984	-32,783	-34,206	-42,990	-44,351	-53,151	-61,706	-27,018	-22,093	-4,837,571
Clr Sum	-4,457,379	-29,437	-12,743	-11,730	-7,984	-32,783	-34,206	-42,990	-44,351	-53,151	-61,706	-27,018	-22,093	-4,837,571
Proj Net	91,409	-7,627	-47,512	-2,884	-10,662	70,584	4,050	24,999	3,872	25,048	24,347	-98,725	-14,016	62,883

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	89900207	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	1,466,262	11,499	15,847	0	0	0	0	0	0	0	0	0	0	1,493,608
	120-Overtime-General	35,240	95	130	0	0	0	0	0	0	0	0	0	0	35,465
	350-Material Issues-Major	3,848,801	20,765	25,459	0	0	0	0	0	0	0	0	0	0	3,895,025
	370-Outside Services	2,652,964	28,265	22,854	0	0	0	0	0	0	0	0	0	0	2,704,083
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	93,811	0	0	0	0	0	0	0	0	0	0	0	0	93,811
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	402,870	1,086	2,175	0	0	0	0	0	0	0	0	0	0	406,131
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-6,947,565	-61,892	-128,346	0	0	0	0	0	0	0	0	0	0	-7,137,803
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	108,519	812	1,118	0	0	0	0	0	0	0	0	0	0	110,449
	914-Pension and Benefits Load	403,562	2,588	3,566	0	0	0	0	0	0	0	0	0	0	409,716
	915-Injuries and Damages Load	112,622	780	1,075	0	0	0	0	0	0	0	0	0	0	114,477
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	400,367	2,735	3,353	0	0	0	0	0	0	0	0	0	0	406,455
	922-Minor Material Load	215,602	0	0	0	0	0	0	0	0	0	0	0	0	215,602
	925-E and S Loads	1,516,993	10,542	11,556	0	0	0	0	0	0	0	0	0	0	1,539,091
	926-A and G Loads	546,641	5,134	5,530	0	0	0	0	0	0	0	0	0	0	557,305
	928-AFUDC Debt Reg	11,857	0	0	0	0	0	0	0	0	0	0	0	0	11,857
	929-AFUDC - Equity Regular	31,907	0	0	0	0	0	0	0	0	0	0	0	0	31,907
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	4,900,454	22,409	-35,683	0	0	0	0	0	0	0	0	0	0	4,887,180
	825-Clearings	-4,837,571	-22,175	-7,132	0	0	0	0	0	0	0	0	0	0	-4,866,878
	Clr Sum	-4,837,571	-22,175	-7,132	0	0	0	0	0	0	0	0	0	0	-4,866,878
Proj Net		62,883	234	-42,815	0	0	0	0	0	0	0	0	0	0	20,302

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Project No: 89900507 Lighting

Company: 001-Electric Services

Location: 899 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date N/A

List Interim In-Service Dates

This project consists of many individual customer work orders which are placed in service at various times throughout the year.

Project Need Justification

This project provides for the installation of street lighting and floodlighting systems under contract with any municipal corporation or other political subdivision within the State of New Mexico in accordance with PNM Rate Schedule 20 Integrated System Street lighting and Floodlighting Service – New Installations. This project also includes the removal costs of private area lighting installed under PNM Rate Schedule 6 Private Area Lighting Service. Costs include internal labor, materials, contractor costs, and transportation.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

PNM must honor installation requests under PNM Rate 20. Under Rate 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. The customer specifies the location of the lights, and the light type from Rate Schedule 20. The net costs under the project for PNM owned street lights include the installation of 150' of service wire and the luminaire. All other streetlight installation costs are paid by the customer. 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. These costs are also included in this project.

Technical Aspects

This project includes the installation of street lighting and the removal of private lighting equipment including poles, light fixtures, wiring, and ancillary lighting equipment. The street lighting and floodlighting systems that are installed adhere to PNM equipment standards provided in Rate Schedule 20 to ensure ease of future maintenance.

This project includes the installation or removal of street lighting and private lighting equipment including poles, light fixtures, wiring, and ancillary lighting equipment. The street lighting and floodlighting systems that are installed adhere to PNM equipment standards provided in Rate Schedule 20 to ensure ease of future maintenance.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	89900507	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	32,321	2,737	1,874	1,270	268	102	784	486	116	587	40,545
	120-Overtime-General	4,706	0	0	0	0	0	0	0	0	90	4,797
	350-Material Issues-Major	29,171	2,037	2,057	1,121	0	1,147	328	0	314	0	36,175
	370-Outside Services	29,508	0	139	3,886	1,566	3,705	189	0	46	810	39,849
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	1,676	511	0	0	0	0	0	0	0	60	2,247
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	10,945	844	808	353	86	5	258	101	18	50	13,469
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-42,356	-4,936	-2,410	-1,287	0	0	0	-1,491	0	-5,998	-59,477
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,663	192	131	89	19	7	55	34	8	47	3,245
	914-Pension and Benefits Load	10,022	611	418	284	60	23	175	108	26	151	11,878
	915-Injuries and Damages Load	2,553	184	126	86	18	7	53	33	8	46	3,112
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,757	268	271	148	0	151	43	0	41	0	3,680
	922-Minor Material Load	1,368	0	0	0	0	0	0	0	0	0	1,368
	925-E and S Loads	20,563	1,139	889	1,134	323	799	295	122	86	295	25,643
	926-A and G Loads	7,459	510	406	552	160	413	130	49	41	133	9,851
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	113,357	4,096	4,710	7,635	2,498	6,360	2,310	-558	705	-4,730	136,383
	825-Clearings	-101,098	-4,252	-4,371	-5,220	-4,512	-4,993	-4,295	-3,033	-2,428	-567	-134,770
	Clr Sum	-101,098	-4,252	-4,371	-5,220	-4,512	-4,993	-4,295	-3,033	-2,428	-567	-134,770
	Proj Net	12,259	-156	339	2,415	-2,014	1,367	-1,985	-3,592	-1,723	-5,297	1,614

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	89900507	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	40,545	855	10	869	3,744	2,564	1,738	366	139	1,073	664	159	803	53,529	
120-Overtime-General	4,797	1,312	0	0	0	0	0	0	0	0	0	0	124	6,233	
350-Material Issues-Major	36,175	8,774	350	1,274	2,768	2,796	1,523	0	1,559	445	0	427	0	56,091	
370-Outside Services	39,849	20,103	1,407	0	0	189	5,290	2,132	5,045	257	0	63	1,102	75,437	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	2,247	0	0	0	696	0	0	0	0	0	0	0	82	3,025	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	13,469	280	0	134	1,150	1,100	481	117	7	352	138	24	68	17,320	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	-59,477	0	0	-564	-6,721	-3,281	-1,752	0	0	0	-2,030	0	-9,527	-83,352	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	3,245	152	1	61	262	179	122	26	10	75	47	11	65	4,256	
914-Pension and Benefits Load	11,878	484	2	194	836	572	388	82	31	240	148	36	207	15,098	
915-Injuries and Damages Load	3,112	146	1	58	252	173	117	25	9	72	45	11	62	4,083	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	3,680	1,156	46	168	365	368	201	0	205	59	0	56	0	6,304	
922-Minor Material Load	1,368	0	0	0	0	0	0	0	0	0	0	0	0	1,368	
925-E and S Loads	25,643	5,137	284	414	1,553	1,212	1,545	440	1,088	402	167	117	402	38,404	
926-A and G Loads	9,851	2,606	147	189	695	553	751	218	562	177	67	56	181	16,053	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	136,383	41,005	2,248	2,797	5,600	6,425	10,404	3,406	8,655	3,152	-754	960	-6,431	213,850	
825-Clearings	-134,770	-11,081	-8,784	-7,228	-6,804	-6,706	-7,668	-6,559	-7,104	-6,077	-4,301	-3,432	-868	-211,382	
Clr Sum	-134,770	-11,081	-8,784	-7,228	-6,804	-6,706	-7,668	-6,559	-7,104	-6,077	-4,301	-3,432	-868	-211,382	
Proj Net	1,614	29,924	-6,536	-4,431	-1,204	-281	2,736	-3,153	1,551	-2,925	-5,055	-2,472	-7,299	2,469	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project 89900507	Year	2017												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	53,529	1,099	13	0	0	0	0	0	0	0	0	0	0	54,641
120-Overtime-General	6,233	1,686	0	0	0	0	0	0	0	0	0	0	0	7,919
350-Material Issues-Major	56,091	11,188	447	0	0	0	0	0	0	0	0	0	0	67,726
370-Outside Services	75,437	25,709	1,800	0	0	0	0	0	0	0	0	0	0	102,946
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	3,025	0	0	0	0	0	0	0	0	0	0	0	0	3,025
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	17,320	358	0	0	0	0	0	0	0	0	0	0	0	17,678
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-83,352	0	0	0	0	0	0	0	0	0	0	0	0	-83,352
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	4,256	195	1	0	0	0	0	0	0	0	0	0	0	4,452
914-Pension and Benefits Load	15,098	622	3	0	0	0	0	0	0	0	0	0	0	15,723
915-Injuries and Damages Load	4,083	187	1	0	0	0	0	0	0	0	0	0	0	4,271
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	6,304	1,473	59	0	0	0	0	0	0	0	0	0	0	7,836
922-Minor Material Load	1,368	0	0	0	0	0	0	0	0	0	0	0	0	1,368
925-E and S Loads	38,404	6,567	362	0	0	0	0	0	0	0	0	0	0	45,333
926-A and G Loads	16,053	3,331	188	0	0	0	0	0	0	0	0	0	0	19,572
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	213,850	52,415	2,874	0	0	0	0	0	0	0	0	0	0	269,139
825-Clearings	-211,382	-14,270	-11,307	0	0	0	0	0	0	0	0	0	0	-236,959
Clr Sum	-211,382	-14,270	-11,307	0	0	0	0	0	0	0	0	0	0	-236,959
Proj Net	2,469	38,145	-8,433	0	0	0	0	0	0	0	0	0	0	32,181

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Project No: 89900807 Services

Company: 001-Electric Services

Location: 899 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Generally, this blanket work order is cleared quarterly; 04-15,07-15,10-15,12-15

Project Need Justification

This project provides for the new electrical connection of residential and non-residential customers' facilities to PNM's distribution system primarily within Sandoval County. The project includes the cost of PNM labor, outside services (contractors), and PNM transportation costs. PNM is obligated to serve customers within its service territory. PNM and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

This project includes the labor for the installation and, in the case of service retirement, removal costs of overhead and underground conductors leading from the point where wires leave the last pole or distribution box to the point of connection with the residential or non-residential customer.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Customers may be served from either an overhead or underground service depending on the distribution system configuration from which they will be served and in some cases depending upon the customer preference. For each service to a new residential customer or a non-residential customer served with an overhead service, the point of service location, service wire length and route are defined to maintain service voltage within regulatory requirements. Non-residential customers located in underground electric distribution areas, or residential or non-residential customers located in an overhead electric distribution areas but requesting and underground service, are required to provide the service wires per PNM rules. This project is required to provide service to new and upgrading customers.

Technical Aspects

Materials associated with connecting and terminating services are not included with this project but are charged to the related project for Albuquerque Services Project 10000807. PNM's and the customer's service requirements are defined within PNM's Rules and Regulations, specifically Rules 15, 16, & 18 filed with the New Mexico Public Regulatory Commission (NMPRC) pursuant to NMPRC Rule 210.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	89900807	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
110-Straight Time-General	800,858	8,611	5,978	6,227	5,724	8,626	4,297	6,279	6,729	4,853	858,183		
120-Overtime-General	40,869	555	1,653	738	1,113	514	133	774	2,198	648	49,195		
350-Material Issues-Major	384,099	111	0	25	0	0	32	-1	0	0	384,266		
370-Outside Services	1,509,783	8,358	11,642	14,131	19,383	22,801	18,598	10,392	12,598	16,476	1,644,161		
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0		
377-Outside Services-Temp Labor	209,099	0	0	0	0	0	0	0	0	0	209,099		
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0		
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0		
610-Expenses - General	127,582	1,831	1,244	581	814	344	-180	763	1,324	819	135,123		
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0		
807-Non Refundable Contribution	-17,581	0	-551	0	-841	0	0	0	0	0	-18,973		
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0		
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0		
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0		
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0		
913-Payroll Taxes Load	60,988	642	534	488	479	640	310	494	625	385	65,584		
914-Pension and Benefits Load	234,951	2,046	1,703	1,555	1,526	2,040	989	1,574	1,993	1,228	249,504		
915-Injuries and Damages Load	59,267	617	514	469	460	615	298	475	601	370	63,685		
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0		
921-Stores / Purchasing Load	51,990	15	0	3	0	0	4	0	0	0	52,012		
922-Minor Material Load	16,816	0	0	0	0	0	0	0	0	0	16,816		
925-E and S Loads	550,745	3,643	3,723	3,874	4,720	5,693	3,916	3,320	4,171	3,965	587,770		
926-A and G Loads	189,942	1,620	1,707	1,806	2,249	2,686	1,904	1,515	1,901	1,897	207,225		
928-AFUDC Debt Reg	74,909	0	0	0	0	0	0	0	0	0	74,909		
929-AFUDC - Equity Regular	14,205	0	0	0	0	0	0	0	0	0	14,205		
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0		
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0		
Cost Sum	4,308,522	28,048	28,146	29,896	35,627	43,960	30,302	25,585	32,139	30,640	4,592,865		
825-Clearings	-4,229,412	-85,727	0	0	-92,081	0	0	-98,293	0	-87,352	-4,592,865		
Clr Sum	-4,229,412	-85,727	0	0	-92,081	0	0	-98,293	0	-87,352	-4,592,865		
Proj Net	79,111	-57,679	28,146	29,896	-56,454	43,960	30,302	-72,708	32,139	-56,712	0		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 89900807	Year	2016													
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	858,183	19,837	14,468	11,813	9,370	11,061	3,578	0	0	5,576	608	0	34,651	969,145	
120-Overtime-General	49,195	2,427	2,302	2,566	2,050	1,017	756	78	34	320	349	37	1,176	62,307	
350-Material Issues-Major	384,266	28	23	50	35	15	9	1	1	11	10	1	45	384,495	
370-Outside Services	1,644,161	39,973	36,149	12,397	27,113	36,864	6,044	5,995	5,329	11,830	17,467	19,360	28,809	1,891,491	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	209,099	0	0	0	0	0	0	0	0	0	0	0	0	209,099	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	135,123	2,069	1,866	752	1,720	2,416	405	408	411	803	1,336	1,473	1,678	150,460	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	-18,973	-566	-445	-525	-384	-194	-245	-20	-7	-184	5	-20	-502	-22,060	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	65,584	1,558	1,174	1,007	799	845	303	5	2	413	67	3	2,508	74,268	
914-Pension and Benefits Load	249,604	4,969	3,743	3,209	2,549	2,696	967	17	8	1,316	214	8	7,997	277,297	
915-Injuries and Damages Load	63,685	1,498	1,129	968	769	813	292	5	2	397	64	2	2,411	72,035	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	52,012	4	3	7	5	2	1	0	0	1	1	0	6	52,042	
922-Minor Material Load	16,816	0	0	0	0	0	0	0	0	0	0	0	0	16,816	
925-E and S Loads	587,770	11,577	9,736	5,242	7,105	8,916	1,977	1,042	926	3,306	3,219	3,341	12,684	656,841	
926-A and G Loads	207,225	5,352	4,560	2,294	3,352	4,274	898	539	480	1,542	1,645	1,736	5,521	239,418	
928-AFUDC Debt Reg	74,909	0	0	0	0	0	0	0	0	0	0	0	0	74,909	
929-AFUDC - Equity Regular	14,205	0	0	0	0	0	0	0	0	0	0	0	0	14,205	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	4,592,865	88,726	74,708	39,780	54,483	68,725	14,985	8,070	7,186	25,331	24,985	25,941	96,984	5,122,769	
825-Clearings	-4,592,865	0	0	0	-206,155	0	0	-114,655	0	0	-68,933	0	-140,160	-5,122,768	
Clr Sum	-4,592,865	0	0	0	-206,155	0	0	-114,655	0	0	-68,933	0	-140,160	-5,122,768	
Proj Net	0	88,726	74,708	39,780	-151,672	68,725	14,985	-106,585	7,186	25,331	-43,948	25,941	-43,176	1	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	89900807	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	969,145	25,493	18,593	0	0	0	0	0	0	0	0	0	0	1,013,231
	120-Overtime-General	62,307	3,119	2,958	0	0	0	0	0	0	0	0	0	0	68,384
	350-Material Issues-Major	384,495	35	29	0	0	0	0	0	0	0	0	0	0	384,559
	370-Outside Services	1,891,491	51,119	46,228	0	0	0	0	0	0	0	0	0	0	1,988,838
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	209,099	0	0	0	0	0	0	0	0	0	0	0	0	209,099
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	150,460	2,646	2,387	0	0	0	0	0	0	0	0	0	0	155,493
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-22,060	-724	-570	0	0	0	0	0	0	0	0	0	0	-23,354
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	74,268	2,003	1,509	0	0	0	0	0	0	0	0	0	0	77,780
	914-Pension and Benefits Load	277,297	6,386	4,810	0	0	0	0	0	0	0	0	0	0	288,493
	915-Injuries and Damages Load	72,035	1,926	1,450	0	0	0	0	0	0	0	0	0	0	75,411
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	52,042	5	4	0	0	0	0	0	0	0	0	0	0	52,051
	922-Minor Material Load	16,816	0	0	0	0	0	0	0	0	0	0	0	0	16,816
	925-E and S Loads	656,841	14,836	12,474	0	0	0	0	0	0	0	0	0	0	684,151
	926-A and G Loads	239,418	6,857	5,840	0	0	0	0	0	0	0	0	0	0	252,115
	928-AFUDC Debt Reg	74,909	0	0	0	0	0	0	0	0	0	0	0	0	74,909
	929-AFUDC - Equity Regular	14,205	0	0	0	0	0	0	0	0	0	0	0	0	14,205
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	5,122,769	113,701	95,712	0	0	0	0	0	0	0	0	0	0	5,332,182
	825-Clearings	-5,122,768	0	0	0	0	0	0	0	0	0	0	0	0	-5,122,768
	Clr Sum	-5,122,768	0	0	0	0	0	0	0	0	0	0	0	0	-5,122,768
Proj Net		1	113,701	95,712	0	0	0	0	0	0	0	0	0	0	209,414

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Project No: 89901707 Bernalillo Pure Project

Company: 001-Electric Services

Location: 899 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date N/A

List Interim In-Service Dates

Continuous throughout the year. Work orders are written by feeder.

Project Need Justification

This work is identified through the Automated Line Patrols (ALPS) process and provides funding for repairing and replacing aging overhead distribution construction components. There is a substantial quantity of work identified from past ALPS inspections and on-going inspections. The work includes cost for internal labor, material, transportation, and contractors. This work is necessary to maintain reliable service and reduce hazards to the public and PNM line crews. NMPRC Rule 17.9.560, Service Standards for Electric Utilities Rules, outlines 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.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

The project is necessary to ensure system reliability and minimize hazardous risks to PNM personnel and the public. All projects are sorted by priority in terms of condition and immediate impact to the system upon failure. High risk projects that would greatly impact the system if there is a failure 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 also 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.

Technical Aspects

This project involves the like-for-like replacement of aging/obsolete or damaged equipment on distribution poles. Physical items identified for replacement include lightning arrestors, cross-arms, cut-outs, capacitors, and insulators.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	89901707	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	20,943	2,053	5,528	705	705	5,528	2,053	2,093	2,012	0	41,622	
	120-Overtime-General	11,478	1,368	971	1,704	1,704	971	1,368	0	0	0	19,562	
	350-Material Issues-Major	773	856	0	0	0	0	856	0	0	0	2,485	
	370-Outside Services	107,573	0	0	0	0	0	0	0	0	5,656	113,229	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	8,281	0	0	0	0	0	0	0	0	0	8,281	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	2,117	239	455	169	169	455	239	147	141	0	4,130	
	914-Pension and Benefits Load	7,970	764	1,451	538	538	1,451	764	467	449	0	14,390	
	915-Injuries and Damages Load	2,138	230	437	162	162	437	230	141	135	0	4,074	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	2,469	113	0	0	0	0	113	0	0	0	2,694	
	922-Minor Material Load	52	0	0	0	0	0	0	0	0	0	52	
	925-E and S Loads	18,896	882	1,415	524	524	1,415	882	456	438	905	26,337	
	926-A and G Loads	11,747	356	541	200	200	541	356	174	167	471	14,753	
	928-AFUDC Debt Reg	307	0	0	0	0	0	0	0	0	0	307	
	929-AFUDC - Equity Regular	464	0	0	0	0	0	0	0	0	0	464	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	195,206	6,860	10,798	4,003	4,003	10,798	6,860	3,478	3,343	7,032	252,381	
	825-Clearings	-112,932	-71,308	-22,900	-7,782	-4,758	-9,590	-7,406	-4,264	-3,527	-6,331	-250,798	
	Clr Sum	-112,932	-71,308	-22,900	-7,782	-4,758	-9,590	-7,406	-4,264	-3,527	-6,331	-250,798	
Proj Net	82,274	-64,447	-12,102	-3,779	-756	1,208	-546	-786	-184	701	1,583		

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	89901707	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	41,622	0	277	318	675	2,182	140	140	2,182	675	318	277	0	48,806
	120-Overtime-General	19,562	0	0	0	0	0	0	0	0	0	0	0	0	19,562
	350-Material Issues-Major	2,485	0	0	0	279	0	0	0	0	279	0	0	0	3,043
	370-Outside Services	113,229	1,874	0	0	0	0	0	0	0	0	0	0	1,874	116,977
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	8,281	0	0	0	0	0	0	0	0	0	0	0	0	8,281
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,130	0	19	22	47	153	10	10	153	47	22	19	0	4,632
914-Pension and Benefits Load		14,390	0	62	71	151	487	31	31	487	151	71	62	0	15,994
915-Injuries and Damages Load		4,074	0	19	21	45	147	9	9	147	45	21	19	0	4,556
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		2,694	0	0	0	37	0	0	0	0	37	0	0	0	2,768
	922-Minor Material Load	52	0	0	0	0	0	0	0	0	0	0	0	0	52
	925-E and S Loads	26,337	300	60	69	192	475	31	31	475	192	69	60	300	28,591
	926-A and G Loads	14,753	156	23	26	79	182	12	12	182	79	26	23	156	15,709
	928-AFUDC Debt Reg	307	0	0	0	0	0	0	0	0	0	0	0	0	307
929-AFUDC - Equity Regular		464	0	0	0	0	0	0	0	0	0	0	0	0	464
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	252,381	2,330	460	527	1,505	3,626	233	233	3,626	1,505	527	460	2,330	269,743
	825-Clearings	-250,798	-3,130	-994	-622	-1,328	-3,166	-820	-351	-2,970	-1,798	-783	-525	-1,969	-269,254
	Clr Sum	-250,798	-3,130	-994	-622	-1,328	-3,166	-820	-351	-2,970	-1,798	-783	-525	-1,969	-269,254
Proj Net		1,583	-800	-534	-95	177	460	-587	-118	656	-293	-256	-65	361	489

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	89901707	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	48,806	0	0	0	0	0	0	0	0	0	0	0	0	48,806
	120-Overtime-General	19,562	0	0	0	0	0	0	0	0	0	0	0	0	19,562
	350-Material Issues-Major	3,043	0	0	0	0	0	0	0	0	0	0	0	0	3,043
	370-Outside Services	116,977	0	0	0	0	0	0	0	0	0	0	0	0	116,977
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	8,281	0	0	0	0	0	0	0	0	0	0	0	0	8,281
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,632	0	0	0	0	0	0	0	0	0	0	0	0	4,632
914-Pension and Benefits Load		15,994	0	0	0	0	0	0	0	0	0	0	0	0	15,994
915-Injuries and Damages Load		4,556	0	0	0	0	0	0	0	0	0	0	0	0	4,556
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load		2,768	0	0	0	0	0	0	0	0	0	0	0	0	2,768
	922-Minor Material Load	52	0	0	0	0	0	0	0	0	0	0	0	0	52
	925-E and S Loads	28,591	0	0	0	0	0	0	0	0	0	0	0	0	28,591
	926-A and G Loads	15,709	0	0	0	0	0	0	0	0	0	0	0	0	15,709
	928-AFUDC Debt Reg	307	0	0	0	0	0	0	0	0	0	0	0	0	307
929-AFUDC - Equity Regular		464	0	0	0	0	0	0	0	0	0	0	0	0	464
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	269,743	0	0	0	0	0	0	0	0	0	0	0	0	269,743
	825-Clearings	-269,254	-394	-79	0	0	0	0	0	0	0	0	0	0	-269,727
	Clr Sum	-269,254	-394	-79	0	0	0	0	0	0	0	0	0	0	-269,727
Proj Net		489	-394	-79	0	0	0	0	0	0	0	0	0	0	16

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Specifics

Project No: 10001614 Hawkins Feeder 22

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 1/1/2014

Estimated Completion Date 12/31/2015

List Interim In-Service Dates

NA

Project Need Justification

This project is to provide a new feeder source from the new Hawkins unit 2 substation to reconfigure the distribution primary lines in the area. Using 2013 projected loads, an outage of Hawkins Unit 1 results in an overload of Reeves 14 (116%), Wyoming 12 (114%) and Signetics 22 (106%) substations. An outage of Reeves results in an overload of Wyoming 12 (112%), Signetics 22 (116%) and Wayne 13 (100%). The new Hawkins Feeder 22 will split the load on Reeves Feeder 14 and create a new path that can be utilized during contingencies to avoid customer power outages. The project funds will cover materials, labor, equipment and other costs (which include but are not limited to include permitting, right-of-way, contractor costs, environmental screening and monitoring).

Project Alternatives

This is the only viable solution. The need for Hawkins Feeder 22 was anticipated when the Hawkins Unit II transformer was installed. At that time, a four-feeder switchgear was installed at Hawkins Substation in preparation for the feeders to be placed into service. Feeder route alternatives were considered as part of the Hawkins Unit II transformer installation which was complete prior to this project. After the transformer was installed, the feeder routes were limited. No other viable routes were identified to tie into Reeves feeder 14. The only other alternative is to do nothing, which could cause extended power outages for customers due to lack of backup feeder tie capacity during an outage of Reeves Substation. The feeder was designed as overhead construction but due to the City of Albuquerque's underground ordinance could be built as underground construction.

Technical Aspects

Build a new feeder from Hawkins Unit II Substation to split the present Reeves feeder 14 service area. Construction consists of a new getaway from the substation to the east side of Jefferson, approximately 435 ft. Extend Hawkins 22 north along Jefferson using 397 AAC overhead construction, approximately 1,900 ft. and riser down to connect to the existing underground line.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10001614	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	16,220		1,600	2,411	805	0	0	0	0	0	0	21,036
	120-Overtime-General	0		107	162	54	0	0	0	0	0	0	323
	350-Material Issues-Major	29,866		6,617	8,461	2,826	0	0	0	0	0	0	47,770
	370-Outside Services	116,840		18,568	23,063	5,040	0	0	0	0	0	0	163,510
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	846		458	690	231	0	0	0	0	0	0	2,225
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0		0	0	0	0	0	0	0	0	-153,754	-153,754
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,063		120	180	60	0	0	0	0	0	0	1,423
	914-Pension and Benefits Load	3,979		381	574	192	0	0	0	0	0	0	5,126
	915-Injuries and Damages Load	1,071		115	173	58	0	0	0	0	0	0	1,417
	918-San Juan AR-Labor	0		0	0	0	0	-0	0	0	0	0	0
	921-Stores / Purchasing Load	3,330		872	1,114	372	0	0	0	0	0	0	5,688
	922-Minor Material Load	1,931		0	0	0	0	0	0	0	0	0	1,931
	925-E and S Loads	25,740		4,475	5,714	1,482	0	0	0	0	0	0	37,411
	926-A and G Loads	13,448		2,276	2,894	745	0	0	0	0	0	0	19,363
	928-AFUDC Debt Reg	1,216		606	714	792	813	818	823	828	833	640	8,082
	929-AFUDC - Equity Regular	1,776		865	1,020	1,131	1,160	1,167	1,175	1,182	1,190	914	11,580
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	217,324		37,060	47,170	13,788	1,973	1,985	1,998	2,010	2,023	-152,200	173,132
	825-Clearings	0		0	0	0	0	0	0	0	0	-173,132	-173,132
	Clr Sum	0		0	0	0	0	0	0	0	0	-173,132	-173,132
Proj Net		217,324		37,060	47,170	13,788	1,973	1,985	1,998	2,010	2,023	-325,332	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	10001614	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	21,036	0	0	0	0	0	0	0	0	0	0	0	0	21,036
	120-Overtime-General	323	0	0	0	0	0	0	0	0	0	0	0	0	323
	350-Material Issues-Major	47,770	0	0	0	0	0	0	0	0	0	0	0	0	47,770
	370-Outside Services	163,510	0	0	0	0	0	0	0	0	0	0	0	0	163,510
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	2,225	0	0	0	0	0	0	0	0	0	0	0	0	2,225
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-153,754	0	0	0	0	0	0	0	0	0	0	0	0	0	-153,754
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,423	0	0	0	0	0	0	0	0	0	0	0	0	1,423
	914-Pension and Benefits Load	5,126	0	0	0	0	0	0	0	0	0	0	0	0	5,126
	915-Injuries and Damages Load	1,417	0	0	0	0	0	0	0	0	0	0	0	0	1,417
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	5,688	0	0	0	0	0	0	0	0	0	0	0	0	5,688
	922-Minor Material Load	1,931	0	0	0	0	0	0	0	0	0	0	0	0	1,931
	925-E and S Loads	37,411	0	0	0	0	0	0	0	0	0	0	0	0	37,411
	926-A and G Loads	19,363	0	0	0	0	0	0	0	0	0	0	0	0	19,363
	928-AFUDC Debt Reg	8,082	0	0	0	0	0	0	0	0	0	0	0	0	8,082
	929-AFUDC - Equity Regular	11,580	0	0	0	0	0	0	0	0	0	0	0	0	11,580
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	173,132	0	0	0	0	0	0	0	0	0	0	0	0	173,132
	825-Clearings	-173,132	0	0	0	0	0	0	0	0	0	0	0	0	-173,132
	Clr Sum	-173,132	0	0	0	0	0	0	0	0	0	0	0	0	-173,132
Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10001614	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	21,036	0	0	0	0	0	0	0	0	0	0	0	0	21,036
	120-Overtime-General	323	0	0	0	0	0	0	0	0	0	0	0	0	323
	350-Material Issues-Major	47,770	0	0	0	0	0	0	0	0	0	0	0	0	47,770
	370-Outside Services	163,510	0	0	0	0	0	0	0	0	0	0	0	0	163,510
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	2,225	0	0	0	0	0	0	0	0	0	0	0	0	2,225
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	-153,754	0	0	0	0	0	0	0	0	0	0	0	0	0	-153,754
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,423	0	0	0	0	0	0	0	0	0	0	0	0	1,423
914-Pension and Benefits Load	5,126	0	0	0	0	0	0	0	0	0	0	0	0	0	5,126
915-Injuries and Damages Load	1,417	0	0	0	0	0	0	0	0	0	0	0	0	0	1,417
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	5,688	0	0	0	0	0	0	0	0	0	0	0	0	0	5,688
	922-Minor Material Load	1,931	0	0	0	0	0	0	0	0	0	0	0	0	1,931
	925-E and S Loads	37,411	0	0	0	0	0	0	0	0	0	0	0	0	37,411
	926-A and G Loads	19,363	0	0	0	0	0	0	0	0	0	0	0	0	19,363
	928-AFUDC Debt Reg	8,082	0	0	0	0	0	0	0	0	0	0	0	0	8,082
929-AFUDC - Equity Regular	11,580	0	0	0	0	0	0	0	0	0	0	0	0	0	11,580
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	173,132	0	0	0	0	0	0	0	0	0	0	0	0	173,132
	825-Clearings	-173,132	0	0	0	0	0	0	0	0	0	0	0	0	-173,132
	Clr Sum	-173,132	0	0	0	0	0	0	0	0	0	0	0	0	-173,132
Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 10001615 Hawkins Feeder 21

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date 7/1/2016

List Interim In-Service Dates

NA

Project Need Justification

The purpose of this project is to provide a new feeder source, Hawkins Feeder 21, from the new Hawkins Unit II substation so that for an outage of the Los Angeles substation, load from the Reeves substation can be transferred to the Hawkins Unit II substation, thus avoiding a power outage that impacts customers. A single contingency outage involving Los Angeles substation causes the Reeves feeder 11 to be loaded to 104% of its emergency rating. The overload is based on 2014 peak loads. For single contingency conditions, Reeves Feeder 11 is unable to have full load restoration with just a single supplemental for contingency conditions. The Hawkins Feeder 21 will split the load on Reeves Feeder 11 and create a new path that can be utilized during contingencies. The project funds will cover materials, labor, equipment and other costs (which include but are not limited to include permitting, right-of-way, contractor costs, environmental screening and monitoring).

Project Alternatives

This is the only viable solution. The need for Hawkins Feeder 21 was anticipated when the Hawkins Unit II transformer was installed. At that time, a four-feeder switchgear was installed at Hawkins Substation in preparation for the feeders to be placed into service. Feeder route alternatives were considered as part of the Hawkins Unit II transformer installation which was complete prior to this project. After the transformer was installed, the feeder routes were limited. No other viable routes were identified to tie into Reeves feeder 11. The only other alternative is to do nothing, which could cause extended power outages for customers due to lack of backup feeder tie capacity during an outage of Reeves Substation. The feeder will be designed as overhead but due to the City of Albuquerque's underground ordinance, if no variance is given, the feeder could be built underground.

Technical Aspects

Build a new feeder from Hawkins Unit II Substation to split the present Reeves feeder 11 service area. Construction consists of a new getaway from the substation south to the ditch and then riser up to 397 AAC overhead construction. Extend Hawkins 21 west along the drainage ditch and then north to the Reeves Switchyard to connect to the existing overhead line of Reeves feeder 11. Install a Scadamate switch at pole G12D032 to create a new open point between the feeders.

NA

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10001615	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	1,380	0	1,380	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	6,925	0	6,925	
	370-Outside Services	0	0	0	0	0	0	0	0	1,945	0	1,945	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	97	0	97	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	308	0	308	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	93	0	93	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	912	0	912	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	1,720	0	1,720	
	926-A and G Loads	0	0	0	0	0	0	0	0	853	0	853	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	18	37	55	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	26	53	79	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	0	0	0	0	0	14,277	89	14,367	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
Proj Net		0	0	0	0	0	0	0	0	14,277	89	14,367	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	10001615	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	1,380	6,814	14,909	27,828	26,256	21,586	0	0	0	0	0	0	0	98,773
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	6,925	0	0	139,643	0	0	0	0	0	0	0	0	0	146,568
	370-Outside Services	1,945	8,983	1,716	39,230	34,613	2,484	0	0	0	0	0	0	0	88,971
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	97	477	1,044	1,948	1,838	1,511	0	0	0	0	0	0	0	6,915
	914-Pension and Benefits Load	308	1,521	3,328	6,211	5,860	4,818	0	0	0	0	0	0	0	22,046
	915-Injuries and Damages Load	93	459	1,003	1,873	1,767	1,453	0	0	0	0	0	0	0	6,648
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	912	0	0	18,391	0	0	0	0	0	0	0	0	0	19,303
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	1,720	2,921	3,520	34,677	11,253	5,096	0	0	0	0	0	0	0	59,187
	926-A and G Loads	853	1,314	1,383	17,198	5,064	2,003	0	0	0	0	0	0	0	27,815
	928-AFUDC Debt Reg	55	45	88	363	691	802	837	839	0	0	0	0	0	3,720
	929-AFUDC - Equity Regular	79	0	0	0	0	0	0	0	0	0	0	0	0	79
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMNR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	14,367	22,534	26,991	287,362	87,342	39,753	837	839	0	0	0	0	0	480,025
	825-Clearings	0	0	0	0	0	0	0	-480,021	0	0	0	0	0	-480,021
	Clr Sum	0	0	0	0	0	0	0	-480,021	0	0	0	0	0	-480,021
Proj Net		14,367	22,534	26,991	287,362	87,342	39,753	837	-479,182	0	0	0	0	0	4

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10001615	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	98,773	0	0	0	0	0	0	0	0	0	0	0	0	98,773
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	146,568	0	0	0	0	0	0	0	0	0	0	0	0	146,568
	370-Outside Services	88,971	0	0	0	0	0	0	0	0	0	0	0	0	88,971
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	6,915	0	0	0	0	0	0	0	0	0	0	0	0	6,915
	914-Pension and Benefits Load	22,046	0	0	0	0	0	0	0	0	0	0	0	0	22,046
	915-Injuries and Damages Load	6,648	0	0	0	0	0	0	0	0	0	0	0	0	6,648
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	19,303	0	0	0	0	0	0	0	0	0	0	0	0	19,303
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	59,187	0	0	0	0	0	0	0	0	0	0	0	0	59,187
	926-A and G Loads	27,815	0	0	0	0	0	0	0	0	0	0	0	0	27,815
	928-AFUDC Debt Reg	3,720	0	0	0	0	0	0	0	0	0	0	0	0	3,720
	929-AFUDC - Equity Regular	79	0	0	0	0	0	0	0	0	0	0	0	0	79
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	480,025	0	0	0	0	0	0	0	0	0	0	0	0	480,025
	825-Clearings	-480,021	0	0	0	0	0	0	0	0	0	0	0	0	-480,021
	Clr Sum	-480,021	0	0	0	0	0	0	0	0	0	0	0	0	-480,021
Proj Net		4	0	0	0	0	0	0	0	0	0	0	0	0	4

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Project No: 10001914 Keleher Substation and Ball Park 13 Voltage Conversion

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 1/1/2014

Estimated Completion Date 8/1/2015

List Interim In-Service Dates

NA

Project Need Justification

The project need is driven by long-term plans to replace the aged 4.16kV distribution system with PNM's standard 12.47kV distribution system. Preparing the 4.16kV system to operate at 12.47kV will facilitate the transfer of loads to surrounding 12.47kV distribution feeders upon failures with the aging 4.16kV system. Operating the distribution system at 12.47kV will also increase load serving capacity, reduce distribution system losses, and ensure continued or improved system reliability.

Project Alternatives

The alternatives considered were 1) no action and 2) prepare the 4.16kV system to operate at 12.47kV. The no action alternative was dismissed because of PNM's plans to migrate to a 12.47kV standard primary operating voltage. Other factors considered in the dismissal of the no action alternative include the inability to promptly replace failed equipment, and the inability to restore service during system outages that affect both the normal and back-up 4.16kV sources.

Technical Aspects

This project requires upgrading all equipment on Keleher and Ball Park substation feeders to operate at either 4.16kV or 12.47kV.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10001914	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	122,636	0	0	8,260	8,260	0	0	0	0	0	139,157	
	120-Overtime-General	42,478	0	0	1,393	1,393	0	0	0	0	0	45,264	
	350-Material Issues-Major	65,928	0	0	0	0	0	0	0	0	0	65,928	
	370-Outside Services	5,772	0	0	0	0	0	0	0	0	0	5,772	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	184	0	0	0	0	0	0	0	0	0	184	
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	54,017	0	0	3,770	3,770	0	0	0	0	0	61,556	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	10,898	0	0	676	676	0	0	0	0	0	12,249	
	914-Pension and Benefits Load	40,029	0	0	2,155	2,155	0	0	0	0	0	44,338	
	915-Injuries and Damages Load	10,922	0	0	650	650	0	0	0	0	0	12,221	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	2,480	0	0	0	0	0	0	0	0	0	2,480	
	922-Minor Material Load	4,510	0	0	0	0	0	0	0	0	0	4,510	
	925-E and S Loads	34,967	0	0	2,705	2,705	0	0	0	0	0	40,376	
	926-A and G Loads	20,240	0	0	1,117	1,117	0	0	0	0	0	22,474	
	928-AFUDC Debt Reg	3,073	518	521	551	608	0	0	0	0	0	5,271	
	929-AFUDC - Equity Regular	4,453	740	744	787	868	0	0	0	0	0	7,592	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	422,586	1,257	1,265	22,063	22,201	0	0	0	0	0	469,372	
	825-Clearings	-221,584	0	0	0	-247,788	0	0	0	0	0	-469,372	
	Clr Sum	-221,584	0	0	0	-247,788	0	0	0	0	0	-469,372	
Proj Net		201,001	1,257	1,265	22,063	-225,587	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	10001914	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	139,157	0	0	0	0	0	0	0	0	0	0	0	0	139,157
	120-Overtime-General	45,264	0	0	0	0	0	0	0	0	0	0	0	0	45,264
	350-Material Issues-Major	65,928	0	0	0	0	0	0	0	0	0	0	0	0	65,928
	370-Outside Services	5,772	0	0	0	0	0	0	0	0	0	0	0	0	5,772
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	184	0	0	0	0	0	0	0	0	0	0	0	0	184
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	61,556	0	0	0	0	0	0	0	0	0	0	0	0	61,556
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	12,249	0	0	0	0	0	0	0	0	0	0	0	0	12,249
	914-Pension and Benefits Load	44,338	0	0	0	0	0	0	0	0	0	0	0	0	44,338
	915-Injuries and Damages Load	12,221	0	0	0	0	0	0	0	0	0	0	0	0	12,221
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	2,480	0	0	0	0	0	0	0	0	0	0	0	0	2,480
	922-Minor Material Load	4,510	0	0	0	0	0	0	0	0	0	0	0	0	4,510
	925-E and S Loads	40,376	0	0	0	0	0	0	0	0	0	0	0	0	40,376
	926-A and G Loads	22,474	0	0	0	0	0	0	0	0	0	0	0	0	22,474
	928-AFUDC Debt Reg	5,271	0	0	0	0	0	0	0	0	0	0	0	0	5,271
	929-AFUDC - Equity Regular	7,592	0	0	0	0	0	0	0	0	0	0	0	0	7,592
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM R D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	469,372	0	0	0	0	0	0	0	0	0	0	0	0	469,372
	825-Clearings	-469,372	0	0	0	0	0	0	0	0	0	0	0	0	-469,372
	Clr Sum	-469,372	0	0	0	0	0	0	0	0	0	0	0	0	-469,372
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10001914	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	139,157	0	0	0	0	0	0	0	0	0	0	0	0	139,157
	120-Overtime-General	45,264	0	0	0	0	0	0	0	0	0	0	0	0	45,264
	350-Material Issues-Major	65,928	0	0	0	0	0	0	0	0	0	0	0	0	65,928
	370-Outside Services	5,772	0	0	0	0	0	0	0	0	0	0	0	0	5,772
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	184	0	0	0	0	0	0	0	0	0	0	0	0	184
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	61,556	0	0	0	0	0	0	0	0	0	0	0	0	61,556
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	12,249	0	0	0	0	0	0	0	0	0	0	0	0	12,249
914-Pension and Benefits Load	44,338	0	0	0	0	0	0	0	0	0	0	0	0	0	44,338
915-Injuries and Damages Load	12,221	0	0	0	0	0	0	0	0	0	0	0	0	0	12,221
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	2,480	0	0	0	0	0	0	0	0	0	0	0	0	0	2,480
922-Minor Material Load	4,510	0	0	0	0	0	0	0	0	0	0	0	0	0	4,510
	925-E and S Loads	40,376	0	0	0	0	0	0	0	0	0	0	0	0	40,376
	926-A and G Loads	22,474	0	0	0	0	0	0	0	0	0	0	0	0	22,474
	928-AFUDC Debt Reg	5,271	0	0	0	0	0	0	0	0	0	0	0	0	5,271
929-AFUDC - Equity Regular	7,592	0	0	0	0	0	0	0	0	0	0	0	0	0	7,592
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	469,372	0	0	0	0	0	0	0	0	0	0	0	0	469,372
	825-Clearings	-469,372	0	0	0	0	0	0	0	0	0	0	0	0	-469,372
	Clr Sum	-469,372	0	0	0	0	0	0	0	0	0	0	0	0	-469,372
Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 10002010 Four Hills 13 to Lawrence 14 Feeder Tie

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 1/1/2014

Estimated Completion Date 12/31/2016

List Interim In-Service Dates

NA

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 the Lawrence Substation was 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.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Two alternatives were considered: (1) the proposed feeder-tie, and (2) a do-nothing alternative. The do-nothing alternative was dismissed because it could result in PNM curtailing load to maintain the ANSI Range A voltage mandates. The proposed feeder-tie was selected because there are no other feeders in the surrounding area to separate the loads of Four Hills feeder 11 and Four Hills feeder 13. Therefore, the proposed feeder-tie is the most reliable and quickest restoration of power for our customers.

Technical Aspects

This project entails rebuilding a single-phase #2 ACSR line on the Lawrence 14 feeder to a three-phase 570 amp minimum normally rated line beginning 1.35 miles east of Tramway Blvd along I-40 (old U.S. Hwy 66) and continuing south for approximately 3,200 ft. Construct a new 570 amp minimum normally rated line from the south end of the first line going west approximately 1,500 ft. to its intersection with the 394 AAAC line on Four Hills 13. Install a new SCADA-Mate switch (N.O.) on this second new line.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10002010	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	8,694	0	0	0	0	0	0	0	0	0	8,694
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	170	0	0	0	0	0	0	0	0	0	170
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	273	0	0	0	0	0	0	0	0	0	273
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	559	0	0	0	0	0	0	0	0	0	559
	914-Pension and Benefits Load	2,191	0	0	0	0	0	0	0	0	0	2,191
	915-Injuries and Damages Load	571	0	0	0	0	0	0	0	0	0	571
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	1	0	0	0	0	0	0	0	0	0	1
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	1,537	0	0	0	0	0	0	0	0	0	1,537
	926-A and G Loads	704	0	0	0	0	0	0	0	0	0	704
	928-AFUDC Debt Reg	292	40	40	40	40	41	41	41	41	42	658
	929-AFUDC - Equity Regular	425	57	57	57	58	58	59	59	59	60	948
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	15,417	96	97	98	98	99	100	100	101	101	16,307
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0
	Proj Net	15,417	96	97	98	98	99	100	100	101	101	16,307

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	10002010	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	8,694	0	0	0	629	629	396	130	0	0	0	0	0	10,478	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	0	0	0	20,537	6,846	614	2,269	0	0	0	0	0	30,266	
370-Outside Services	170	0	0	0	52,490	52,490	47,695	64,920	0	0	0	0	0	217,765	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	273	0	0	0	0	25	23	3	0	0	0	0	0	324	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	559	0	0	0	44	44	28	9	0	0	0	0	0	684	
914-Pension and Benefits Load	2,191	0	0	0	140	140	88	29	0	0	0	0	0	2,588	
915-Injuries and Damages Load	571	0	0	0	42	42	27	9	0	0	0	0	0	691	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	1	0	0	0	2,705	902	81	299	0	0	0	0	0	3,988	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	1,537	0	0	0	11,821	9,635	7,819	10,779	0	0	0	0	0	41,591	
926-A and G Loads	704	0	0	0	6,128	4,991	4,054	5,601	0	0	0	0	0	21,478	
928-AFUDC Debt Reg	658	29	29	29	111	261	381	508	582	583	584	0	0	3,755	
929-AFUDC - Equity Regular	948	0	0	0	0	0	0	0	0	0	0	0	0	948	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	16,307	29	29	29	94,647	76,005	61,206	84,556	582	583	584	0	0	334,557	
825-Clearings	0	0	0	0	0	0	0	0	0	0	-334,555	0	0	-334,555	
Clr Sum	0	0	0	0	0	0	0	0	0	0	-334,555	0	0	-334,555	
Proj Net	16,307	29	29	29	94,647	76,005	61,206	84,556	582	583	-333,971	0	0	2	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10002010	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	10,478	0	0	0	0	0	0	0	0	0	0	0	0	10,478
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	30,266	0	0	0	0	0	0	0	0	0	0	0	0	30,266
	370-Outside Services	217,765	0	0	0	0	0	0	0	0	0	0	0	0	217,765
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	324	0	0	0	0	0	0	0	0	0	0	0	0	324
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	684	0	0	0	0	0	0	0	0	0	0	0	0	684
	914-Pension and Benefits Load	2,588	0	0	0	0	0	0	0	0	0	0	0	0	2,588
	915-Injuries and Damages Load	691	0	0	0	0	0	0	0	0	0	0	0	0	691
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,988	0	0	0	0	0	0	0	0	0	0	0	0	3,988
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	41,591	0	0	0	0	0	0	0	0	0	0	0	0	41,591
	926-A and G Loads	21,478	0	0	0	0	0	0	0	0	0	0	0	0	21,478
	928-AFUDC Debt Reg	3,755	0	0	0	0	0	0	0	0	0	0	0	0	3,755
	929-AFUDC - Equity Regular	948	0	0	0	0	0	0	0	0	0	0	0	0	948
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNM R D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	334,557	0	0	0	0	0	0	0	0	0	0	0	0	334,557
	825-Clearings	-334,555	0	0	0	0	0	0	0	0	0	0	0	0	-334,555
	Clr Sum	-334,555	0	0	0	0	0	0	0	0	0	0	0	0	-334,555
	Proj Net	2	0	0	0	0	0	0	0	0	0	0	0	0	2

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Project No: 10002214 Hawkins Feeder 23

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 1/1/2014

Estimated Completion Date 12/31/2015

List Interim In-Service Dates

NA

Project Need Justification

This project is to provide a new feeder source from the new Hawkins unit 2 substation to reconfigure the distribution primary lines in the area. Using 2013 projected loads, an outage of Hawkins Unit 1 results in an overload of Reeves 14 (116%), Wyoming 12 (114%) and Signetics 22 (106%). An outage of Reeves results in an overload of Wyoming 12 (112%), Signetics 22 (116%) and Wayne 13 (100%). For contingency conditions, Hawkins Feeder 11 is unable to have full restoration with just a single supplemental for contingency conditions. The new Hawkins Feeder 23 will split the load on Hawkins Feeder 11 and create a new path that can be utilized during contingencies. The project funds will cover materials, labor, equipment and other costs (which include but are not limited to include permitting, right-of-way, contractor costs, environmental screening and monitoring).

Project Alternatives

This is the only viable solution. The need for Hawkins Feeder 23 was anticipated when the Hawkins Unit II transformer was installed. At that time, a four-feeder switchgear was installed at Hawkins Substation in preparation for the feeders to be placed into service. Feeder route alternatives were considered as part of the Hawkins Unit II transformer installation which was complete prior to this project. After the transformer was installed, the feeder routes were limited. An alternate path along Jefferson was considered, but due to the existing infrastructure, this was not the least cost option. The other alternative is to do nothing, which could cause extended power outages for customers due to lack of backup feeder tie capacity during an outage of Hawkins Unit 1 Substation. The feeder was designed as overhead construction but due to the City of Albuquerque's underground ordinance could be built as underground construction.

Technical Aspects

Build a new feeder from Hawkins Unit II Substation to split the present Hawkins feeder 11 service area. Construction consists of a new getaway, approximately 1,000 ft., and riser on a new pole to tie into existing overhead line. Install a new pole and build approximately 700 ft. of 397 AAC overhead construction to pole H13C076. Install a 600 amp GOLB switch near pole H13C074. Extend Hawkins 23 south along the frontage road using 397 AAC overhead construction, approximately 2,500 ft. to connect to the existing overhead line. Reconductor approximately 600 ft. of 2/0 ACSR with 397 AAC from pole H13C180 to pole H13C067.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10002214	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	30,481		3,785	3,785	3,785	0	0	0	0	0	0	41,837
	120-Overtime-General	459		254	254	254	0	0	0	0	0	0	1,221
	350-Material Issues-Major	38,336		13,287	13,287	13,287	0	0	0	0	0	0	78,197
	370-Outside Services	36,496		42,500	42,500	42,500	0	0	0	0	0	0	163,996
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	3,891		1,084	1,084	1,084	0	0	0	0	0	0	7,141
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	-101,771	-101,771
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,061		283	283	283	0	0	0	0	0	0	2,909
	914-Pension and Benefits Load	7,461		902	902	902	0	0	0	0	0	0	10,165
	915-Injuries and Damages Load	2,052		272	272	272	0	0	0	0	0	0	2,868
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	1,977		1,750	1,750	1,750	0	0	0	0	0	0	7,227
	922-Minor Material Load	2,657		0	0	0	0	0	0	0	0	0	2,657
	925-E and S Loads	17,181		9,979	9,979	9,979	0	0	0	0	0	0	47,117
	926-A and G Loads	8,847		5,068	5,068	5,068	0	0	0	0	0	0	24,050
	928-AFUDC Debt Reg	1,074		468	675	883	991	997	1,003	1,010	1,016	891	9,009
	929-AFUDC - Equity Regular	1,572		669	964	1,261	1,415	1,424	1,433	1,442	1,451	1,272	12,901
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	154,544		80,299	80,801	81,307	2,406	2,421	2,436	2,451	2,466	-99,607	309,524
	825-Clearings	-12,416		0	0	0	0	0	0	0	0	-297,107	-309,524
	Clr Sum	-12,416		0	0	0	0	0	0	0	0	-297,107	-309,524
	Proj Net	142,128		80,299	80,801	81,307	2,406	2,421	2,436	2,451	2,466	-396,715	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	10002214	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	41,837	0	0	0	0	0	0	0	0	0	0	0	0	41,837
	120-Overtime-General	1,221	0	0	0	0	0	0	0	0	0	0	0	0	1,221
	350-Material Issues-Major	78,197	0	0	0	0	0	0	0	0	0	0	0	0	78,197
	370-Outside Services	163,996	0	0	0	0	0	0	0	0	0	0	0	0	163,996
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	7,141	0	0	0	0	0	0	0	0	0	0	0	0	7,141
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-101,771	0	0	0	0	0	0	0	0	0	0	0	0	-101,771
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,909	0	0	0	0	0	0	0	0	0	0	0	0	2,909
	914-Pension and Benefits Load	10,165	0	0	0	0	0	0	0	0	0	0	0	0	10,165
	915-Injuries and Damages Load	2,868	0	0	0	0	0	0	0	0	0	0	0	0	2,868
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	7,227	0	0	0	0	0	0	0	0	0	0	0	0	7,227
	922-Minor Material Load	2,657	0	0	0	0	0	0	0	0	0	0	0	0	2,657
	925-E and S Loads	47,117	0	0	0	0	0	0	0	0	0	0	0	0	47,117
	926-A and G Loads	24,050	0	0	0	0	0	0	0	0	0	0	0	0	24,050
	928-AFUDC Debt Reg	9,009	0	0	0	0	0	0	0	0	0	0	0	0	9,009
	929-AFUDC - Equity Regular	12,901	0	0	0	0	0	0	0	0	0	0	0	0	12,901
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	309,524	0	0	0	0	0	0	0	0	0	0	0	0	309,524
	825-Clearings	-309,524	0	0	0	0	0	0	0	0	0	0	0	0	-309,524
	Clr Sum	-309,524	0	0	0	0	0	0	0	0	0	0	0	0	-309,524
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10002214	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	41,837	0	0	0	0	0	0	0	0	0	0	0	0	41,837
	120-Overtime-General	1,221	0	0	0	0	0	0	0	0	0	0	0	0	1,221
	350-Material Issues-Major	78,197	0	0	0	0	0	0	0	0	0	0	0	0	78,197
	370-Outside Services	163,996	0	0	0	0	0	0	0	0	0	0	0	0	163,996
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	7,141	0	0	0	0	0	0	0	0	0	0	0	0	7,141
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-101,771	0	0	0	0	0	0	0	0	0	0	0	0	-101,771
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,909	0	0	0	0	0	0	0	0	0	0	0	0	2,909
	914-Pension and Benefits Load	10,165	0	0	0	0	0	0	0	0	0	0	0	0	10,165
	915-Injuries and Damages Load	2,868	0	0	0	0	0	0	0	0	0	0	0	0	2,868
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	7,227	0	0	0	0	0	0	0	0	0	0	0	0	7,227
	922-Minor Material Load	2,657	0	0	0	0	0	0	0	0	0	0	0	0	2,657
	925-E and S Loads	47,117	0	0	0	0	0	0	0	0	0	0	0	0	47,117
	926-A and G Loads	24,050	0	0	0	0	0	0	0	0	0	0	0	0	24,050
	928-AFUDC Debt Reg	9,009	0	0	0	0	0	0	0	0	0	0	0	0	9,009
	929-AFUDC - Equity Regular	12,901	0	0	0	0	0	0	0	0	0	0	0	0	12,901
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	309,524	0	0	0	0	0	0	0	0	0	0	0	0	309,524
	825-Clearings	-309,524	0	0	0	0	0	0	0	0	0	0	0	0	-309,524
	Clr Sum	-309,524	0	0	0	0	0	0	0	0	0	0	0	0	-309,524
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 10030515 Test Lab Building Modifications

Company: 001-Electric Services

Location: 100 Distribution

Project Information

Construction Start Date 5/1/2015

Estimated Completion Date 10/31/2015

List Interim In-Service Dates

Project Need Justification

Due to the NERC CIP Version 5 regulations that require Substations identified as Medium Impact by PNMR's NERC CIP-002-5 procedure, substations must undergo strict compliance requirements, therefore the need for a substation lab environment has been identified. PNM's Medium Impact substations will need to become CIP v5 compliant by the internal goal of 12/31/2015. The NERC CIP-005-5, CIP-007-5, CIP-009-5 and CIP-010-1 standards impose many requirements on the Bulk Electric System (BES) Cyber Assets and BES Cyber Systems that were not previously required, such as but not limited to patching firmware, restricting electronic access, password management, remote connectivity, disabling unjustifiable ports and services and collecting security event information. The efforts required to become compliant impose significant risk should the security controls mentioned above be tested in a production environment. To mitigate this risk, a test facility that will allow us the opportunity to test, implement, upgrade, house equipment (hot standbys), and maintain equipment (protective relays, communications equipment, etc.) that are essential to the electrical grid stability, compliance, and security of our system without adversely affecting the Bulk Electric System is required.

In addition we would be able to leverage the facility to simulate system configurations, analysis of misoperations, allow work practices, procedures, and equipment to be verified in a controlled environment prior to implementing them into the live system minimizing any unplanned affects to the security, stability, and compliance of our electric grid.

Additional risks associated with not building and implementing this test facility include placing PNM in a situation where we would not be in compliance with CIP Version 5 and could be subject to fines up to \$1M per day. If the facility was not built. To work on the equipment in a live environment would directly depend on the availability of redundant equipment (not always a possibility), outages availability (if the electric grid allows) to be able to work on the equipment, and there is always a safety risk when working in the live environment to the employees.

Project Alternatives

Doing nothing will introduce risk for noncompliance for security controls to be implemented in a production environment (I.E directly to a substation). It will also introduce significant amount of O&M due to the procedures that need to be placed before deployment. Doing nothing, there will be no efficient way to simulate system configurations, analysis of misoperations, allow work practices, procedures, and equipment to be verified in a controlled environment prior to implementing them into the live system minimizing any unplanned affects to the security, stability, and compliance of our electric grid.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Building this test lab will allow testing of CIP 10, CIP 7, CIP 4, CIP 5 and CIP 6 procedures before rolling out into the production environment (field). Work processes can be done in house, before deployment. Directly mitigates the long term impact of additional maintenance and resources to New Mexico Operations. Other locations for the test lab were considered, such as Aztec location, and due to the involvement needed from ESC location and the existing space.

Technical Aspects

Technical Aspects support the PNM Substation Architecture to support Remote Access Project, DMZ project, system automation, and more. In depth this environment will have the same firewalls, gateways, servers, etc., to support compliance in a substation.

Building aspects includes one wall build out in a section of an existing building, power requirements, a mezzanine for equipment storage, and an office dedicated to managing test lab.

1. 16'x10' mezzanine
2. fire suppression system
2. conduit for communications and power.
3. DC and AC Panels to support equipment.
4. New door hardware (3 doors).
5. Badge Access to environment
6. Cable Trays for wiring to panels.

This also supports the Fiber (communications) route to have test lab communicate to PNM system just like if it were a substation control house.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	10030515	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	2,000	5,000	5,000	5,000	5,000	0	0	0	0	22,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0	0	30,000	31,000	31,000	31,000	0	0	0	0	123,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	7	103	285	471	658	753	756	0	0	3,033
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	140	350	350	350	350	0	0	0	0	1,540
	914-Pension and Benefits Load	0	446	1,116	1,116	1,116	1,116	0	0	0	0	4,910
	915-Injuries and Damages Load	0	135	337	337	337	337	0	0	0	0	1,481
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	0	166	2,912	2,995	2,995	2,995	0	0	0	0	12,064
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	0	2,894	39,817	41,083	41,269	41,456	753	756	0	0	168,028
	825-Clearings	0	0	0	0	0	0	0	-168,028	0	0	-168,028
	Clr Sum	0	0	0	0	0	0	0	-168,028	0	0	-168,028
	Proj Net	0	2,894	39,817	41,083	41,269	41,456	753	-167,272	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	10030515	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	22,000	0	0	0	0	0	0	0	0	0	0	0	0	22,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	123,000	0	0	0	0	0	0	0	0	0	0	0	0	123,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	3,033	0	0	0	0	0	0	0	0	0	0	0	0	3,033
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,540	0	0	0	0	0	0	0	0	0	0	0	0	1,540
	914-Pension and Benefits Load	4,910	0	0	0	0	0	0	0	0	0	0	0	0	4,910
	915-Injuries and Damages Load	1,481	0	0	0	0	0	0	0	0	0	0	0	0	1,481
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	12,064	0	0	0	0	0	0	0	0	0	0	0	0	12,064
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	168,028	0	0	0	0	0	0	0	0	0	0	0	0	168,028
	825-Clearings	-168,028	0	0	0	0	0	0	0	0	0	0	0	0	-168,028
	Clr Sum	-168,028	0	0	0	0	0	0	0	0	0	0	0	0	-168,028
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	10030515	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	22,000	0	0	0	0	0	0	0	0	0	0	0	0	22,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	123,000	0	0	0	0	0	0	0	0	0	0	0	0	123,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	3,033	0	0	0	0	0	0	0	0	0	0	0	0	3,033
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,540	0	0	0	0	0	0	0	0	0	0	0	0	1,540
	914-Pension and Benefits Load	4,910	0	0	0	0	0	0	0	0	0	0	0	0	4,910
	915-Injuries and Damages Load	1,481	0	0	0	0	0	0	0	0	0	0	0	0	1,481
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	12,064	0	0	0	0	0	0	0	0	0	0	0	0	12,064
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	168,028	0	0	0	0	0	0	0	0	0	0	0	0	168,028
	825-Clearings	-168,028	0	0	0	0	0	0	0	0	0	0	0	0	-168,028
	Clr Sum	-168,028	0	0	0	0	0	0	0	0	0	0	0	0	-168,028
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 14001914 Open Meadow Drive 3-Phase Rebuild

Company: 001-Electric Services

Location: 140 Distribution

Project Information

Construction Start Date 1/1/2014

Estimated Completion Date 8/1/2015

List Interim In-Service Dates

NA

Project Need Justification

The project need is driven by the frequency and duration of the power outages and low voltages in Tijeras. Over the past 5-years there have been over 40 power outages with an average outage duration of nearly 193 minutes. The lengthy outage restoration times and low voltages are attributed primarily to the three large adjacent single-phase laterals that currently serve a total of approximately 2,125 kVA of connected load. The load in the area served by these single-phase laterals has grown significantly over the past several years. As load has increased, these single-phase laterals have been extended multiple times creating feeder phase imbalance issues and low voltages in the area, as well as greater exposure to power outages for existing customers to single-phase line-to-ground fault.

This 3-phasing and phase-balancing project will allow for the more even distribution of load along the feeder, thereby improving the phase balance (both voltage and current) along the length of the feeder. It will also reduce exposure to power outages for a larger number of customers to single-phase line-to-ground faults.

Project Alternatives

Two project alternatives were considered: (1) the proposed 3-phase rebuild and (2) a do nothing alternative. The do nothing alternative was considered but dismissed because it will result in extended power outages, along with low voltages causing PNM curtailing load to maintain ANSI Range A voltages, and potential financial claims for damaged equipment caused by low voltages. The proposed 3-phase rebuild was selected primarily because there are no other feeders in the area to transfer load.

Technical Aspects

This project requires replacing approximately 8,500 feet of single-phase #2ACSR with a three-phase 2/OACSR design south from pole P22A037 just east of the intersection of Open Meadow Drive and S. Highway 14 at on the Tijeras 12 feeder.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	14001914	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	15,161	0	0	293	0	0	0	0	0	0	15,454	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	64,753	0	0	2,678	0	0	0	0	0	0	67,431	
	370-Outside Services	343,188	17,510	0	48,791	0	0	0	0	0	0	409,489	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	630	0	0	13	0	0	0	0	0	0	643	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	985	0	0	20	0	0	0	0	0	0	1,005	
	914-Pension and Benefits Load	3,761	0	0	65	0	0	0	0	0	0	3,827	
	915-Injuries and Damages Load	998	0	0	20	0	0	0	0	0	0	1,018	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	5,447	0	0	353	0	0	0	0	0	0	5,799	
	922-Minor Material Load	5,291	0	0	0	0	0	0	0	0	0	5,291	
	925-E and S Loads	55,600	2,802	0	8,301	0	0	0	0	0	0	66,702	
	926-A and G Loads	35,512	1,457	0	4,308	0	0	0	0	0	0	41,276	
	928-AFUDC Debt Reg	2,908	1,416	1,453	1,545	1,638	1,649	0	0	0	0	10,608	
	929-AFUDC - Equity Regular	4,283	2,021	2,074	2,206	2,339	2,354	0	0	0	0	15,279	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	538,517	25,206	3,527	68,594	3,978	4,003	0	0	0	0	643,824	
	825-Clearings	0	0	0	0	0	-643,824	0	0	0	0	-643,824	
	Clr Sum	0	0	0	0	0	-643,824	0	0	0	0	-643,824	
Proj Net		538,517	25,206	3,527	68,594	3,978	-639,821	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	14001914	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	15,454	0	0	0	0	0	0	0	0	0	0	0	0	15,454
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	67,431	0	0	0	0	0	0	0	0	0	0	0	0	67,431
	370-Outside Services	409,489	0	0	0	0	0	0	0	0	0	0	0	0	409,489
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	643	0	0	0	0	0	0	0	0	0	0	0	0	643
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,005	0	0	0	0	0	0	0	0	0	0	0	0	1,005
	914-Pension and Benefits Load	3,827	0	0	0	0	0	0	0	0	0	0	0	0	3,827
	915-Injuries and Damages Load	1,018	0	0	0	0	0	0	0	0	0	0	0	0	1,018
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	5,799	0	0	0	0	0	0	0	0	0	0	0	0	5,799
	922-Minor Material Load	5,291	0	0	0	0	0	0	0	0	0	0	0	0	5,291
	925-E and S Loads	66,702	0	0	0	0	0	0	0	0	0	0	0	0	66,702
	926-A and G Loads	41,276	0	0	0	0	0	0	0	0	0	0	0	0	41,276
	928-AFUDC Debt Reg	10,608	0	0	0	0	0	0	0	0	0	0	0	0	10,608
	929-AFUDC - Equity Regular	15,279	0	0	0	0	0	0	0	0	0	0	0	0	15,279
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	643,824	0	0	0	0	0	0	0	0	0	0	0	0	643,824
	825-Clearings	-643,824	0	0	0	0	0	0	0	0	0	0	0	0	-643,824
	Clr Sum	-643,824	0	0	0	0	0	0	0	0	0	0	0	0	-643,824
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	14001914	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	15,454	0	0	0	0	0	0	0	0	0	0	0	0	15,454
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	67,431	0	0	0	0	0	0	0	0	0	0	0	0	67,431
	370-Outside Services	409,489	0	0	0	0	0	0	0	0	0	0	0	0	409,489
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	643	0	0	0	0	0	0	0	0	0	0	0	0	643
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	1,005	0	0	0	0	0	0	0	0	0	0	0	0	0	1,005
914-Pension and Benefits Load	3,827	0	0	0	0	0	0	0	0	0	0	0	0	0	3,827
915-Injuries and Damages Load	1,018	0	0	0	0	0	0	0	0	0	0	0	0	0	1,018
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	5,799	0	0	0	0	0	0	0	0	0	0	0	0	0	5,799
922-Minor Material Load	5,291	0	0	0	0	0	0	0	0	0	0	0	0	0	5,291
925-E and S Loads	66,702	0	0	0	0	0	0	0	0	0	0	0	0	0	66,702
926-A and G Loads	41,276	0	0	0	0	0	0	0	0	0	0	0	0	0	41,276
928-AFUDC Debt Reg	10,608	0	0	0	0	0	0	0	0	0	0	0	0	0	10,608
929-AFUDC - Equity Regular	15,279	0	0	0	0	0	0	0	0	0	0	0	0	0	15,279
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	643,824	0	0	0	0	0	0	0	0	0	0	0	0	643,824
	825-Clearings	-643,824	0	0	0	0	0	0	0	0	0	0	0	0	-643,824
	Clr Sum	-643,824	0	0	0	0	0	0	0	0	0	0	0	0	-643,824
Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 14002014 San Antonito 12 to San Antonito 22 Feeder Tie

Company: 001-Electric Services

Location: 140 Distribution

Project Information

Construction Start Date 1/1/2014 Estimated Completion Date 10/1/2016

List Interim In-Service Dates

NA

Project Need Justification

The purpose of this project is to establish a new feeder tie which will enable San Antonito 22 to back up San Antonito 12. San Antonito feeder 12 customers have experienced over 65 outage occurrences over the past 5 years with an average outage duration of 268 minutes. The existing single-phase La Madera lateral on San Antonito 12 presently serves approximately 2,290 kVA of connected load. This large single-phase lateral causes a significant phase imbalance on the San Antonito 12 feeder. It also represents a large exposure to power outages for existing customers to single-phase line-to-ground faults. A three-phase overhead backbone through this area will allow this lateral to be split up and balanced, resulting in a better phase balance on the feeder, as well as improving the voltage profile and reducing outage exposure for a larger number of customers.

Constructing this backbone develops a feeder tie between San Antonito 12 and San Antonito 22. This feeder tie will also serve as an alternate source for the Sandia Crest load in the event of an outage due to downed lines on the lower half of the San Antonito 12 feeder. This will increase the reliability of service to the sensitive Sandia Crest load.

Project Alternatives

Two alternatives were considered: (1) the proposed feeder-tie, and (2) a do-nothing alternative. The do-nothing alternative was dismissed because it could result in PNM curtailing load to maintain the ANSI Range A voltage mandates. The proposed feeder-tie was selected because there are no other feeders in the surrounding area to back up San Antonito 12 and San Antonito 22 feeder loads. Therefore, the proposed feeder-tie is the most reliable and quickest restoration of power for our customers.

Technical Aspects

This project requires replacing approximately 20,100 feet of single-phase #4ACSR and #2ACSR with a three-phase 397AAC 570 Amp rated conductor design, including phase balancing starting at pole M11A007 in the La Madera area on the San Antonito 12 feeder, north to pole N09A001 at the northern tip of San Pedro Creek Estates of the single-phase underground of San Antonito 22 feeder.

To complete the feeder tie, this project requires installing 4500 feet of a new three phase 397AAC 570 Amp rated overhead line and a new GOLB open point switch at pole N09A001. This new overhead line will begin at Pole N09A001 and end at switch SW1499E within San Pedro Estates.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	14002014	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	23,585		0	0	0	0	0	2,000	4,000	4,000	0	33,585
	120-Overtime-General	62		0	0	0	0	0	0	0	0	0	62
	350-Material Issues-Major	83,879		0	0	0	0	0	0	0	0	0	83,879
	370-Outside Services	292,569		0	0	0	0	0	0	0	0	0	292,569
	374-Outside Svcs Legal	0		0	0	0	0	0	2,000	4,000	2,000	0	8,000
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	1,094		0	0	0	0	0	0	0	0	0	1,094
	805-Land and Land Rights	1,832		0	0	0	0	0	0	0	0	0	1,832
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,518		0	0	0	0	0	140	280	280	0	2,218
	914-Pension and Benefits Load	5,952		0	0	0	0	0	446	893	893	0	8,184
	915-Injuries and Damages Load	1,552		0	0	0	0	0	135	269	269	0	2,225
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	11,930		0	0	0	0	0	0	0	0	0	11,930
	922-Minor Material Load	6,051		0	0	0	0	0	0	0	0	0	6,051
	925-E and S Loads	45,718		0	0	0	0	0	755	1,511	1,191	0	49,175
	926-A and G Loads	33,798		0	0	0	0	0	333	666	499	0	35,296
	928-AFUDC Debt Reg	5,717		0	0	0	0	0	7	30	57	69	5,881
	929-AFUDC - Equity Regular	8,228		0	0	0	0	0	11	43	81	99	8,461
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	523,486		0	0	0	0	0	5,827	11,691	9,270	168	550,442
	825-Clearings	-523,486		0	0	0	0	0	0	0	0	0	-523,486
	Clr Sum	-523,486		0	0	0	0	0	0	0	0	0	-523,486
Proj Net		0		0	0	0	0	0	5,827	11,691	9,270	168	26,956

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	14002014	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	33,585	0	0	0	1,065	1,453	914	301	0	0	0	0	0	37,318	
120-Overtime-General	52	0	0	0	0	0	0	0	0	0	0	0	0	52	
350-Material Issues-Major	83,879	0	0	0	54,778	15,817	1,419	5,242	0	0	0	0	0	161,135	
370-Outside Services	292,569	0	0	0	44,000	121,285	103,274	196,217	0	0	0	0	0	757,345	
374-Outside Svcs Legal	8,000	0	0	0	0	0	0	0	0	0	0	0	0	8,000	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	1,094	0	0	0	0	57	53	7	0	0	0	0	0	1,211	
805-Land and Land Rights	1,832	0	0	0	0	0	0	0	0	0	0	0	0	1,832	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	2,218	0	0	0	75	102	64	21	0	0	0	0	0	2,480	
914-Pension and Benefits Load	8,184	0	0	0	238	324	204	67	0	0	0	0	0	9,017	
915-Injuries and Damages Load	2,225	0	0	0	72	98	62	20	0	0	0	0	0	2,477	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	11,930	0	0	0	7,214	2,083	187	690	0	0	0	0	0	22,104	
922-Minor Material Load	6,051	0	0	0	0	0	0	0	0	0	0	0	0	6,051	
925-E and S Loads	49,175	0	0	0	16,036	22,262	16,958	32,300	0	0	0	0	0	136,731	
926-A and G Loads	35,296	0	0	0	8,307	11,532	8,791	16,787	0	0	0	0	0	80,713	
928-AFUDC Debt Reg	5,881	47	47	47	163	431	701	1,038	1,260	1,262	1,264	0	0	12,141	
929-AFUDC - Equity Regular	8,461	0	0	0	0	0	0	0	0	0	0	0	0	8,461	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	550,442	47	47	47	131,948	175,444	132,627	252,690	1,260	1,262	1,264	0	0	1,247,078	
825-Clearings	-523,486	0	0	0	0	0	0	0	0	0	-723,590	0	0	-1,247,076	
Clr Sum	-523,486	0	0	0	0	0	0	0	0	0	-723,590	0	0	-1,247,076	
Proj Net	26,956	47	47	47	131,948	175,444	132,627	252,690	1,260	1,262	-722,326	0	0	2	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	14002014	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	37,318	0	0	0	0	0	0	0	0	0	0	0	0	37,318
	120-Overtime-General	62	0	0	0	0	0	0	0	0	0	0	0	0	62
	350-Material Issues-Major	161,135	0	0	0	0	0	0	0	0	0	0	0	0	161,135
	370-Outside Services	757,345	0	0	0	0	0	0	0	0	0	0	0	0	757,345
	374-Outside Svcs Legal	8,000	0	0	0	0	0	0	0	0	0	0	0	0	8,000
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	1,211	0	0	0	0	0	0	0	0	0	0	0	0	1,211
	805-Land and Land Rights	1,832	0	0	0	0	0	0	0	0	0	0	0	0	1,832
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,480	0	0	0	0	0	0	0	0	0	0	0	0	2,480
	914-Pension and Benefits Load	9,017	0	0	0	0	0	0	0	0	0	0	0	0	9,017
	915-Injuries and Damages Load	2,477	0	0	0	0	0	0	0	0	0	0	0	0	2,477
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	22,104	0	0	0	0	0	0	0	0	0	0	0	0	22,104
	922-Minor Material Load	6,051	0	0	0	0	0	0	0	0	0	0	0	0	6,051
	925-E and S Loads	136,731	0	0	0	0	0	0	0	0	0	0	0	0	136,731
	926-A and G Loads	80,713	0	0	0	0	0	0	0	0	0	0	0	0	80,713
	928-AFUDC Debt Reg	12,141	0	0	0	0	0	0	0	0	0	0	0	0	12,141
	929-AFUDC - Equity Regular	8,461	0	0	0	0	0	0	0	0	0	0	0	0	8,461
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	1,247,078	0	0	0	0	0	0	0	0	0	0	0	0	1,247,078
	825-Clearings	-1,247,076	0	0	0	0	0	0	0	0	0	0	0	0	-1,247,076
	Clr Sum	-1,247,076	0	0	0	0	0	0	0	0	0	0	0	0	-1,247,076
Proj Net		2	0	0	0	0	0	0	0	0	0	0	0	0	2

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Project No: 15001814 Southern Microwave Comm UpgradeCo34

Company: 034-PNM TNMPNM Distribution

Location: 150 Distribution

Project Information

Construction Start Date 3/2/2015

Estimated Completion Date 12/31/2015

List Interim In-Service Dates

Each WO is closed as completed, with an estimated 4 clearings per year.

Project Need Justification

PNM's microwave system provides communications between substations and Control Centers allowing for operator visibility of system performance as well as ability to operate equipment remotely when required. This project involves replacement and enhancement of portions of the existing microwave system. Blanket improvement authorization for capital replacements or betterments to the communications network in support of sub/switching stations. Typical work might include replacing radios, switches, antennas, or other components which are no longer supported by the manufacturer and for which parts are no longer available.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

Continue to operate on the legacy radio system and risk a failure requiring spares or technical support that are no longer available. Given the remote aspects and customers served provided by the Southern New Mexico system, loss of communications for an extended period of time is not a viable alternative. Complete replacement of the microwave communications system with other type of systems is not recommended due to one or more of the following: 1) less reliable, 2) significant costs over this project and 3) significantly expanded timeline. Individual improvements for the system are evaluated on a project-by-project basis.

Technical Aspects

Technical aspects are considered on a task by task basis, but might include improved communication network reliability, NERC requirements and the inclusion of new technologies into the communication platform.

Cost estimates are prepared on a per task basis. Estimates typically include major equipment prices from vendor provided quotations, and minor material and construction costs from previous similar work or competitive bids.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15001814	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	1,748	2,500	2,500	2,500	2,500	2,500	2,500	0	0	0	16,748	
	120-Overtime-General	990	0	0	0	0	0	0	0	0	0	990	
	350-Material Issues-Major	206,548	0	0	0	0	0	0	0	0	0	206,548	
	370-Outside Services	6,355	0	2,500	2,500	2,500	2,500	2,500	0	0	0	18,855	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	758	0	0	0	0	0	0	0	0	0	758	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	191	175	175	175	175	175	175	0	0	0	1,241	
	914-Pension and Benefits Load	616	558	558	558	558	558	558	0	0	0	3,964	
	915-Injuries and Damages Load	184	168	168	168	168	168	168	0	0	0	1,193	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	4,386	0	0	0	0	0	0	0	0	0	4,386	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	33,827	544	944	944	944	944	944	0	0	0	39,092	
	926-A and G Loads	17,978	208	416	416	416	416	416	0	0	0	20,266	
	928-AFUDC Debt Reg	1,765	722	741	764	788	811	835	850	855	0	8,131	
	929-AFUDC - Equity Regular	2,617	1,030	1,058	1,091	1,125	1,158	1,192	1,213	1,221	0	11,705	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	277,964	5,905	9,060	9,117	9,174	9,231	9,289	2,063	2,076	0	333,878	
	825-Clearings	0	0	0	0	0	0	0	0	-333,878	0	-333,878	
	Clr Sum	0	0	0	0	0	0	0	0	-333,878	0	-333,878	
Proj Net		277,964	5,905	9,060	9,117	9,174	9,231	9,289	2,063	-331,803	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15001814	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	16,748	0	0	0	0	0	0	0	0	0	0	0	0	16,748
	120-Overtime-General	990	0	0	0	0	0	0	0	0	0	0	0	0	990
	350-Material Issues-Major	206,548	0	0	0	0	0	0	0	0	0	0	0	0	206,548
	370-Outside Services	18,855	0	0	0	0	0	0	0	0	0	0	0	0	18,855
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	758	0	0	0	0	0	0	0	0	0	0	0	0	758
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,241	0	0	0	0	0	0	0	0	0	0	0	0	1,241
	914-Pension and Benefits Load	3,964	0	0	0	0	0	0	0	0	0	0	0	0	3,964
	915-Injuries and Damages Load	1,193	0	0	0	0	0	0	0	0	0	0	0	0	1,193
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	4,386	0	0	0	0	0	0	0	0	0	0	0	0	4,386
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	39,092	0	0	0	0	0	0	0	0	0	0	0	0	39,092
	926-A and G Loads	20,266	0	0	0	0	0	0	0	0	0	0	0	0	20,266
	928-AFUDC Debt Reg	8,131	0	0	0	0	0	0	0	0	0	0	0	0	8,131
	929-AFUDC - Equity Regular	11,705	0	0	0	0	0	0	0	0	0	0	0	0	11,705
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	333,878	0	0	0	0	0	0	0	0	0	0	0	0	333,878
	825-Clearings	-333,878	0	0	0	0	0	0	0	0	0	0	0	0	-333,878
	Clr Sum	-333,878	0	0	0	0	0	0	0	0	0	0	0	0	-333,878
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	15001814	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	16,748	0	0	0	0	0	0	0	0	0	0	0	0	16,748
	120-Overtime-General	990	0	0	0	0	0	0	0	0	0	0	0	0	990
	350-Material Issues-Major	206,548	0	0	0	0	0	0	0	0	0	0	0	0	206,548
	370-Outside Services	18,855	0	0	0	0	0	0	0	0	0	0	0	0	18,855
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	758	0	0	0	0	0	0	0	0	0	0	0	0	758
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,241	0	0	0	0	0	0	0	0	0	0	0	0	1,241
	914-Pension and Benefits Load	3,964	0	0	0	0	0	0	0	0	0	0	0	0	3,964
	915-Injuries and Damages Load	1,193	0	0	0	0	0	0	0	0	0	0	0	0	1,193
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	4,386	0	0	0	0	0	0	0	0	0	0	0	0	4,386
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	39,092	0	0	0	0	0	0	0	0	0	0	0	0	39,092
	926-A and G Loads	20,266	0	0	0	0	0	0	0	0	0	0	0	0	20,266
	928-AFUDC Debt Reg	8,131	0	0	0	0	0	0	0	0	0	0	0	0	8,131
	929-AFUDC - Equity Regular	11,705	0	0	0	0	0	0	0	0	0	0	0	0	11,705
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	333,878	0	0	0	0	0	0	0	0	0	0	0	0	333,878
	825-Clearings	-333,878	0	0	0	0	0	0	0	0	0	0	0	0	-333,878
	Clr Sum	-333,878	0	0	0	0	0	0	0	0	0	0	0	0	-333,878
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Project No: 15030515 General Service Wedge Co34

Company: 034-PNM TNMPNM Distribution

Location: 150 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date 12/31/2019

List Interim In-Service Dates

N/A

Project Need Justification

This project is for building improvement projects for PNM Transmission and Distribution that will be identified as breakdown maintenance or equipment failure occurs. These funds are used for replacement of systems such as HVAC, plumbing, roofing, electrical, and pavement as their useful life is completed and parts are not obtainable. Upon identification of an issue, each individual project will be requested through a CDAP and an individual project number will be assigned. The budgeted funds will be used solely for outside contract labor and the equipment being replaced. If the systems are not replaced, this could cause deterioration of the building, uncomfortable working conditions or occupants, and a safety hazard in some cases. All funds would be used for replacement of the system.

Project Alternatives

When breakdowns occur, subject matter experts including PNM employees and management in the respective area, General Services' manager, Building Maintenance supervisor, and a licensed contractor would collaborate to determine if the system can be repaired or needs replacement.

Technical Aspects

The technical aspects of each project would be identified at the time of the system failure and decision to replace. The work, equipment, and cost would be justified in a CDAP.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	15030515	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	27,800	27,800	0	0	0	0	0	0	55,600	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	68	205	274	0	0	0	0	0	546	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	2,313	2,313	0	0	0	0	0	0	4,626	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	30,181	30,318	274	0	0	0	0	0	60,772	
	825-Clearings	0	0	0	0	-60,772	0	0	0	0	0	-60,772	
	Clr Sum	0	0	0	0	-60,772	0	0	0	0	0	-60,772	
	Proj Net	0	0	30,181	30,318	-60,499	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	15030515	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	55,600	0	0	0	0	25,000	0	0	25,000	0	0	0	0	105,600
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	546	0	0	0	0	67	127	131	195	252	0	0	0	1,318
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	4,626	0	0	0	0	2,080	0	0	2,080	0	0	0	0	8,786
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	60,772	0	0	0	0	27,147	127	131	27,275	252	0	0	0	115,704
	825-Clearings	-60,772	0	0	0	0	0	0	0	0	-54,931	0	0	0	-115,703
	Clr Sum	-60,772	0	0	0	0	0	0	0	0	-54,931	0	0	0	-115,703
	Proj Net	0	0	0	0	0	27,147	127	131	27,275	-54,679	0	0	0	1

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year:03

Project . 15030515	Year	2017													
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
370-Outside Services	105,600	0	0	0	0	0	0	0	0	0	0	0	0	105,600	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	1,318	0	0	0	0	0	0	0	0	0	0	0	0	1,318	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
926-A and G Loads	8,786	0	0	0	0	0	0	0	0	0	0	0	0	8,786	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	115,704	0	0	0	0	0	0	0	0	0	0	0	0	115,704	
825-Clearings	-115,703	0	0	0	0	0	0	0	0	0	0	0	0	-115,703	
Clr Sum	-115,703	0	0	0	0	0	0	0	0	0	0	0	0	-115,703	
Proj Net	1	0	0	0	0	0	0	0	0	0	0	0	0	1	

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Project No: 20001813 Deming Distribution Transformers

Company: 001-Electric Services

Location: 200 Distribution

Project Information

Construction Start Date 1/1/2015

Estimated Completion Date 2/15/2016

List Interim In-Service Dates

04-2015, 07-2015, 10-2015, 12-2015.

Project Need Justification

This project is required to complete the configuration change to the distribution system started in the 1970's in order to increase reliability and safe operation of the distribution system.

The original Deming distribution system was configured with a 14.4 KV three wire system. All transformers were connected in a line to line configuration. In the 1970's PNM pulled in a fourth conductor as a system neutral, constructed a grounding bank at Deming station, and began to operate the distribution as a 13.8 Grounded wye system. This project will replace 200 delta connected 14.4KV distribution transformers on portions of the Deming Distribution System with 13.8 Wye connected transformers.

One phase conductor has failed, resulting in approximately 75% of normal line voltage on split phase transformers and a back feed on the conductor. The transformers to change out currently work with two primary sources, delta configuration, requiring the replacement with new transformers operating on single primary source, Grounded Wye System.

Project Alternatives

The alternative to the project is to continue operating the distribution system as hybrid Delta/Wye, changing out of transformers each year as they fail or upgrade is required. This has been a long ongoing process and the initial goal of increase reliability and safety has not been achieved. With the loss of one phase conductor, the delta connected primary transformers provide a source of high voltage back feed through the transformer primary windings to the isolated section of line. The hybrid system will continue to result in failures. Transitioning to a Grounded Wye System will result in a more reliable and safer system.

Technical Aspects

Single phase Transformers to replace will vary in size between 25KVA to 75KVA. With the loss of one phase conductor, the delta connected primary transformers provide a source of high voltage back feed through the transformer primary windings to the isolated section of line. This results in approximately 75% of normal line voltage on split phase transformers and a back feed on the conductor. Reconfiguring the system to grounded wye would permit the laterals to be fused more effectively there by reducing the area affected by equipment outages and reducing area to patrol on outages. Page 1

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	20001813	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	78,414	0	0	1,500	0	0	0	0	0	0	79,914
	120-Overtime-General	53,053	0	0	0	0	0	0	0	0	0	53,053
	350-Material Issues-Major	231,756	5,500	5,500	1,300	0	0	0	0	0	0	244,056
	370-Outside Services	44,508	74,000	75,000	1,300	0	0	0	0	0	0	194,808
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	75,876	0	0	0	0	0	0	0	0	0	75,876
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-3,991	0	0	0	0	0	0	0	0	0	-3,991
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	8,995	0	0	105	0	0	0	0	0	0	9,100
	914-Pension and Benefits Load	34,289	0	0	335	0	0	0	0	0	0	34,624
	915-Injuries and Damages Load	8,824	0	0	101	0	0	0	0	0	0	8,925
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	5,781	724	724	171	0	0	0	0	0	0	7,401
	922-Minor Material Load	4,917	0	0	0	0	0	0	0	0	0	4,917
	925-E and S Loads	51,584	12,720	12,880	743	0	0	0	0	0	0	77,927
	926-A and G Loads	23,534	6,614	6,698	341	0	0	0	0	0	0	37,187
	928-AFUDC Debt Reg	1,067	347	608	749	381	383	289	291	293	294	4,701
	929-AFUDC - Equity Regular	1,600	496	867	1,069	543	547	413	415	418	420	6,789
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	620,206	100,402	102,277	7,714	924	930	702	706	710	715	835,285
	825-Clearings	-535,229	0	0	-147,685	0	-37,385	0	0	0	-114,987	-835,285
	Clr Sum	-535,229	0	0	-147,685	0	-37,385	0	0	0	-114,987	-835,285
Proj Net		84,977	100,402	102,277	-139,971	924	-36,455	702	706	710	-114,272	0

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PNM EXHIBIT AAJ-6

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	20001813	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	79,914	0	0	0	0	0	0	0	0	0	0	0	0	79,914
	120-Overtime-General	53,053	0	0	0	0	0	0	0	0	0	0	0	0	53,053
	350-Material Issues-Major	244,056	0	0	0	0	0	0	0	0	0	0	0	0	244,056
	370-Outside Services	194,808	0	0	0	0	0	0	0	0	0	0	0	0	194,808
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	75,876	0	0	0	0	0	0	0	0	0	0	0	0	75,876
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-3,991	0	0	0	0	0	0	0	0	0	0	0	0	-3,991
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	9,100	0	0	0	0	0	0	0	0	0	0	0	0	9,100
	914-Pension and Benefits Load	34,624	0	0	0	0	0	0	0	0	0	0	0	0	34,624
	915-Injuries and Damages Load	8,925	0	0	0	0	0	0	0	0	0	0	0	0	8,925
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	7,401	0	0	0	0	0	0	0	0	0	0	0	0	7,401
	922-Minor Material Load	4,917	0	0	0	0	0	0	0	0	0	0	0	0	4,917
	925-E and S Loads	77,927	0	0	0	0	0	0	0	0	0	0	0	0	77,927
	926-A and G Loads	37,187	0	0	0	0	0	0	0	0	0	0	0	0	37,187
	928-AFUDC Debt Reg	4,701	0	0	0	0	0	0	0	0	0	0	0	0	4,701
	929-AFUDC - Equity Regular	6,789	0	0	0	0	0	0	0	0	0	0	0	0	6,789
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	835,285	0	0	0	0	0	0	0	0	0	0	0	0	835,285
	825-Clearings	-835,285	0	0	0	0	0	0	0	0	0	0	0	0	-835,285
	Clr Sum	-835,285	0	0	0	0	0	0	0	0	0	0	0	0	-835,285
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	20001813	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	79,914	0	0	0	0	0	0	0	0	0	0	0	0	79,914
	120-Overtime-General	53,053	0	0	0	0	0	0	0	0	0	0	0	0	53,053
	350-Material Issues-Major	244,056	0	0	0	0	0	0	0	0	0	0	0	0	244,056
	370-Outside Services	194,808	0	0	0	0	0	0	0	0	0	0	0	0	194,808
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	75,876	0	0	0	0	0	0	0	0	0	0	0	0	75,876
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-3,991	0	0	0	0	0	0	0	0	0	0	0	0	-3,991
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	9,100	0	0	0	0	0	0	0	0	0	0	0	0	9,100
	914-Pension and Benefits Load	34,624	0	0	0	0	0	0	0	0	0	0	0	0	34,624
	915-Injuries and Damages Load	8,925	0	0	0	0	0	0	0	0	0	0	0	0	8,925
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	7,401	0	0	0	0	0	0	0	0	0	0	0	0	7,401
	922-Minor Material Load	4,917	0	0	0	0	0	0	0	0	0	0	0	0	4,917
	925-E and S Loads	77,927	0	0	0	0	0	0	0	0	0	0	0	0	77,927
	926-A and G Loads	37,187	0	0	0	0	0	0	0	0	0	0	0	0	37,187
	928-AFUDC Debt Reg	4,701	0	0	0	0	0	0	0	0	0	0	0	0	4,701
	929-AFUDC - Equity Regular	6,789	0	0	0	0	0	0	0	0	0	0	0	0	6,789
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	835,285	0	0	0	0	0	0	0	0	0	0	0	0	835,285
	825-Clearings	-835,285	0	0	0	0	0	0	0	0	0	0	0	0	-835,285
	Clr Sum	-835,285	0	0	0	0	0	0	0	0	0	0	0	0	-835,285

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Project No: 30001615 Dist Las Vegas Solar to Gallinas Sub

Company: 001-Electric Services
Location: 300 Distribution

Project Information

Construction Start Date 8/5/2015 Estimated Completion Date 1/31/2016

List Interim In-Service Dates

Project Need Justification

The project replaces the existing Microwave system serving the Las Vegas Solar Plant and extends a fiber facility to Gallinas Sub which will extend SONET communications to that facility. Replacement of the Microwave was required as PNM was losing co-location rights for the hill top Microwave repeater site in 2015 which tied PNM communications to the Plateau network. This fiber facility will tie Gallinas into PNM's backbone SONET and provide sufficient capacities to both locations to address future SCADA, and Station Automation/Security initiatives

Project Alternatives

There we no reasonable project alternatives. Other microwave paths to serve these sites were restricted or not available based the possible radio paths back to PNM's network. Communication from the Local Exchange provider would require High Voltage Protection which eliminated it as a potential option. The fiber option was the least cost alternative and over time would minimize on-going maintenance costs.

Technical Aspects

The project involves the installation of a fiber cable on Distribution facilities between a Plateau access points in east Las Vegas to PNM's Las Vegas Solar site and the Gallinas Substation. At the Station and Solar site Plateau will install access equipment to provide communication services into PNM's network.

The project costs were determined from material quotations and a firm installation quote from the Contractor.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	30001615	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	21,000	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	20,000	5,000	0	0	25,000	
	370-Outside Services	0	0	0	0	0	0	0	20,000	20,000	0	40,000	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	210	210	210	210	210	210	210	0	1,470	
	914-Pension and Benefits Load	0	0	670	670	670	670	670	670	670	0	4,687	
	915-Injuries and Damages Load	0	0	202	202	202	202	202	202	202	0	1,413	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	2,634	659	0	0	3,293	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	653	653	653	653	3,853	4,653	3,853	0	14,971	
	926-A and G Loads	0	0	250	250	250	250	1,914	2,330	1,914	0	7,155	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	4,984	4,984	4,984	4,984	32,482	36,723	29,848	0	118,989	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
Proj Net		0	0	4,984	4,984	4,984	4,984	32,482	36,723	29,848	0	118,989	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	30001615	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	21,000	0	0	0	0	0	0	0	0	0	0	0	0	21,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	25,000	0	0	0	0	0	0	0	0	0	0	0	0	25,000
	370-Outside Services	40,000	0	0	0	0	0	0	0	0	0	0	0	0	40,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,470	0	0	0	0	0	0	0	0	0	0	0	0	1,470
	914-Pension and Benefits Load	4,687	0	0	0	0	0	0	0	0	0	0	0	0	4,687
	915-Injuries and Damages Load	1,413	0	0	0	0	0	0	0	0	0	0	0	0	1,413
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,293	0	0	0	0	0	0	0	0	0	0	0	0	3,293
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	14,971	0	0	0	0	0	0	0	0	0	0	0	0	14,971
	926-A and G Loads	7,155	0	0	0	0	0	0	0	0	0	0	0	0	7,155
	928-AFUDC Debt Reg	0	208	0	0	0	0	0	0	0	0	0	0	0	208
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	118,989	208	0	0	0	0	0	0	0	0	0	0	0	119,197
	825-Clearings	0	-119,198	0	0	0	0	0	0	0	0	0	0	0	-119,198
	Clr Sum	0	-119,198	0	0	0	0	0	0	0	0	0	0	0	-119,198
	Proj Net	118,989	-118,990	0	0	0	0	0	0	0	0	0	0	0	-1

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	30001615	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	21,000	0	0	0	0	0	0	0	0	0	0	0	0	21,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	25,000	0	0	0	0	0	0	0	0	0	0	0	0	25,000
	370-Outside Services	40,000	0	0	0	0	0	0	0	0	0	0	0	0	40,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,470	0	0	0	0	0	0	0	0	0	0	0	0	1,470
	914-Pension and Benefits Load	4,687	0	0	0	0	0	0	0	0	0	0	0	0	4,687
	915-Injuries and Damages Load	1,413	0	0	0	0	0	0	0	0	0	0	0	0	1,413
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	3,293	0	0	0	0	0	0	0	0	0	0	0	0	3,293
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	14,971	0	0	0	0	0	0	0	0	0	0	0	0	14,971
	926-A and G Loads	7,155	0	0	0	0	0	0	0	0	0	0	0	0	7,155
	928-AFUDC Debt Reg	208	0	0	0	0	0	0	0	0	0	0	0	0	208
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	119,197	0	0	0	0	0	0	0	0	0	0	0	0	119,197
	825-Clearings	-119,198	0	0	0	0	0	0	0	0	0	0	0	0	-119,198
	Clr Sum	-119,198	0	0	0	0	0	0	0	0	0	0	0	0	-119,198
	Proj Net	-1	0	0	0	0	0	0	0	0	0	0	0	0	-1

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Project No: 41001715 Mejia 14 Fin Del Sinder Rd Line Extension

Company: 001-Electric Services

Location: 410 Distribution

Project Information

Construction Start Date 1/1/2016

Estimated Completion Date 6/30/2016

List Interim In-Service Dates

NA

Project Need Justification

The project need is driven by two factors: (1) low voltages during normal peak loading conditions which was identified through system modeling, and (2) extended outages resulting from the inability to transfer loads during outages of the existing underground radial system. Without completion of this line extension upgrade, reliability in the area will be difficult to maintain and the quality of service to customers in the area may be lower than allowable limits.

The project funds will cover materials, labor, equipment and other costs (which include but are not limited to permitting, right-of-way, contractor costs, environmental screening and monitoring).

Project Alternatives

The alternatives considered were: 1) to continue to operate with the current radial design in place, or 2) convert the radial design to a loop system design and construct additional 3-phase lines to facilitate load transfers. Continuing to operate the current radial design does not address the system reliability risks of inadequate quality of service associated with low system voltage and potential for extended power outages. The completion of the second alternative will improve both phase load balance, feeder voltages, and will minimize the duration of system outages all of which contributes to improved system reliability and quality of service.

Technical Aspects

The project consists of installing a new padmount switchgear, installing nearly 12,800-ft. of overhead conductor and 11,000-ft. of underground cable, and upgrading padmount switchgears.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	41001715	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	0	0	0	0	0	0	0	0	0	0	0
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	0	0	0	0	0	0	0	0	0	0	0
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0
Proj Net		0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	41001715	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	0	34,664	3,466	3,466	3,466	34,123	51,493	0	0	0	0	0	0	130,678	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	0	0	210,017	26,252	62,770	15,000	0	0	0	0	0	0	314,039	
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	0	2,426	243	243	243	2,389	3,605	0	0	0	0	0	0	9,149	
914-Pension and Benefits Load	0	7,737	774	774	774	7,616	11,493	0	0	0	0	0	0	29,168	
915-Injuries and Damages Load	0	2,333	233	233	233	2,296	3,465	0	0	0	0	0	0	8,793	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	0	0	0	27,659	3,457	8,267	1,976	0	0	0	0	0	0	41,359	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	7,546	754	34,357	4,955	17,471	13,609	0	0	0	0	0	0	78,692	
926-A and G Loads	0	2,884	288	17,762	2,473	8,061	5,532	0	0	0	0	0	0	37,000	
928-AFUDC Debt Reg	0	50	106	369	664	827	1,046	0	0	0	0	0	0	3,062	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	0	57,640	5,864	294,880	42,517	143,820	107,219	0	0	0	0	0	0	651,940	
825-Clearings	0	0	0	0	0	0	-651,940	0	0	0	0	0	0	-651,940	
Clr Sum	0	0	0	0	0	0	-651,940	0	0	0	0	0	0	-651,940	
Proj Net	0	57,640	5,864	294,880	42,517	143,820	-544,721	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	41001715	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	130,678	0	0	0	0	0	0	0	0	0	0	0	0	130,678
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	314,039	0	0	0	0	0	0	0	0	0	0	0	0	314,039
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	9,149	0	0	0	0	0	0	0	0	0	0	0	0	9,149
	914-Pension and Benefits Load	29,168	0	0	0	0	0	0	0	0	0	0	0	0	29,168
	915-Injuries and Damages Load	8,793	0	0	0	0	0	0	0	0	0	0	0	0	8,793
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	41,359	0	0	0	0	0	0	0	0	0	0	0	0	41,359
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	78,692	0	0	0	0	0	0	0	0	0	0	0	0	78,692
	926-A and G Loads	37,000	0	0	0	0	0	0	0	0	0	0	0	0	37,000
	928-AFUDC Debt Reg	3,062	0	0	0	0	0	0	0	0	0	0	0	0	3,062
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	651,940	0	0	0	0	0	0	0	0	0	0	0	0	651,940
	825-Clearings	-651,940	0	0	0	0	0	0	0	0	0	0	0	0	-651,940
	Clr Sum	-651,940	0	0	0	0	0	0	0	0	0	0	0	0	-651,940
	Proj Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 41001811 SF Downtown Network Improvements

Company: 001-Electric Services

Location: 410 Distribution

Project Information

Construction Start Date 9/19/2011

Estimated Completion Date 6/30/2015

List Interim In-Service Dates

Roughly ten phases distributed evenly over a two year period.

Project Need Justification

The distribution system serving much of the downtown Santa Fe tourism area is an aging system that lacks protected isolation loops subjecting the entire feeder to outages rather than isolated portions of the feeder. Vacuum switches intended for isolating parts of the feeder when outages occur do not meet current design standards and some are inoperable. This project will provide some immediate improvements to Ft. Marcy Feeder 12. This will help reduce future SAIDI numbers but more importantly increase reliability of a highly visible and customer sensitive part of our system.

Project Alternatives

Several alternative manufacturers' equipment was evaluated. The equipment chosen was a result of the flexibility of the configuration of the equipment to meet the system needs that exist. The project consists of ten separate phases due to the difficulty of working within the congested downtown tourism district. Each phase is individually designed with consideration given to congestion, archeological & historical district constraints, and other permitting requirements.

Technical Aspects

Scope includes removal of 13 obsolete vacuum switches, installation of seven new switches, installation/replacement of approximately 16,000 circuit feet of 1/0 AL cable, installation of approximately 1,350 circuit feet of 750 AL cable.

The estimated costs for this distribution project are based on the three major cost categories for upgrading the distribution system: environmental concerns, materials, and services. The first step to develop the estimate was developing the environmental cost through conducting a site visit to determine the amount of cultural resources to be disturbed to build the line. The next step was to develop a design for the project which enables the development of the other two major cost categories: materials and services. The design of the project provides an estimate for the number of towers, conductors, and hardware that is required. Based on contracts with material vendors, the overall material cost is calculated for the project. Certain material costs are tracked to ensure that prices are competitive and realistic (e.g., steel). The last activity is to develop the cost of the required services (labor) for the project. The overall service cost is based upon both contractor estimates and recent work that PNM has performed. The contractor that provided the estimate has supported a number PNM projects over the years including projects of similar size and scope.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	41001811	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	201,006	0	0	0	0	0	0	0	0	0	201,006
	120-Overtime-General	68,730	0	0	0	0	0	0	0	0	0	68,730
	350-Material Issues-Major	374,561	0	0	0	0	0	0	0	0	0	374,561
	370-Outside Services	1,798,998	0	0	0	0	0	0	0	0	0	1,798,998
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	458	0	0	0	0	0	0	0	0	0	458
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	132,547	0	0	0	0	0	0	0	0	0	132,547
	805-Land and Land Rights	25,000	0	0	0	0	0	0	0	0	0	25,000
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	19,564	0	0	0	0	0	0	0	0	0	19,564
	914-Pension and Benefits Load	73,679	0	0	0	0	0	0	0	0	0	73,679
	915-Injuries and Damages Load	19,391	0	0	0	0	0	0	0	0	0	19,391
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	78,429	0	0	0	0	0	0	0	0	0	78,429
	922-Minor Material Load	28,190	0	0	0	0	0	0	0	0	0	28,190
	925-E and S Loads	339,902	0	0	0	0	0	0	0	0	0	339,902
	926-A and G Loads	189,074	0	0	0	0	0	0	0	0	0	189,074
	928-AFUDC Debt Reg	104,377	1,200	0	0	0	0	0	0	0	0	105,577
	929-AFUDC - Equity Regular	131,448	1,713	0	0	0	0	0	0	0	0	133,161
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,585,354	2,913	0	0	0	0	0	0	0	0	3,588,267
	825-Clearings	-3,119,697	-468,570	0	0	0	0	0	0	0	0	-3,588,267
	Clr Sum	-3,119,697	-468,570	0	0	0	0	0	0	0	0	-3,588,267
	Proj Net	465,657	-465,657	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	41001811	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	201,006	0	0	0	0	0	0	0	0	0	0	0	0	201,006
	120-Overtime-General	68,730	0	0	0	0	0	0	0	0	0	0	0	0	68,730
	350-Material Issues-Major	374,561	0	0	0	0	0	0	0	0	0	0	0	0	374,561
	370-Outside Services	1,798,998	0	0	0	0	0	0	0	0	0	0	0	0	1,798,998
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	458	0	0	0	0	0	0	0	0	0	0	0	0	458
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	132,547	0	0	0	0	0	0	0	0	0	0	0	0	132,547
	805-Land and Land Rights	25,000	0	0	0	0	0	0	0	0	0	0	0	0	25,000
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	19,564	0	0	0	0	0	0	0	0	0	0	0	0	19,564
	914-Pension and Benefits Load	73,679	0	0	0	0	0	0	0	0	0	0	0	0	73,679
	915-Injuries and Damages Load	19,391	0	0	0	0	0	0	0	0	0	0	0	0	19,391
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	78,429	0	0	0	0	0	0	0	0	0	0	0	0	78,429
	922-Minor Material Load	28,190	0	0	0	0	0	0	0	0	0	0	0	0	28,190
	925-E and S Loads	339,902	0	0	0	0	0	0	0	0	0	0	0	0	339,902
	926-A and G Loads	189,074	0	0	0	0	0	0	0	0	0	0	0	0	189,074
	928-AFUDC Debt Reg	105,577	0	0	0	0	0	0	0	0	0	0	0	0	105,577
	929-AFUDC - Equity Regular	133,161	0	0	0	0	0	0	0	0	0	0	0	0	133,161
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,588,267	0	0	0	0	0	0	0	0	0	0	0	0	3,588,267
	825-Clearings	-3,588,267	0	0	0	0	0	0	0	0	0	0	0	0	-3,588,267
	Clr Sum	-3,588,267	0	0	0	0	0	0	0	0	0	0	0	0	-3,588,267
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	41001811	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	201,006	0	0	0	0	0	0	0	0	0	0	0	0	201,006
	120-Overtime-General	68,730	0	0	0	0	0	0	0	0	0	0	0	0	68,730
	350-Material Issues-Major	374,561	0	0	0	0	0	0	0	0	0	0	0	0	374,561
	370-Outside Services	1,798,998	0	0	0	0	0	0	0	0	0	0	0	0	1,798,998
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	458	0	0	0	0	0	0	0	0	0	0	0	0	458
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	132,547	0	0	0	0	0	0	0	0	0	0	0	0	132,547
	805-Land and Land Rights	25,000	0	0	0	0	0	0	0	0	0	0	0	0	25,000
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	19,564	0	0	0	0	0	0	0	0	0	0	0	0	19,564
	914-Pension and Benefits Load	73,679	0	0	0	0	0	0	0	0	0	0	0	0	73,679
	915-Injuries and Damages Load	19,391	0	0	0	0	0	0	0	0	0	0	0	0	19,391
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	78,429	0	0	0	0	0	0	0	0	0	0	0	0	78,429
	922-Minor Material Load	28,190	0	0	0	0	0	0	0	0	0	0	0	0	28,190
	925-E and S Loads	339,902	0	0	0	0	0	0	0	0	0	0	0	0	339,902
	926-A and G Loads	189,074	0	0	0	0	0	0	0	0	0	0	0	0	189,074
	928-AFUDC Debt Reg	105,577	0	0	0	0	0	0	0	0	0	0	0	0	105,577
	929-AFUDC - Equity Regular	133,161	0	0	0	0	0	0	0	0	0	0	0	0	133,161
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	3,588,267	0	0	0	0	0	0	0	0	0	0	0	0	3,588,267
	825-Clearings	-3,588,267	0	0	0	0	0	0	0	0	0	0	0	0	-3,588,267
	Clr Sum	-3,588,267	0	0	0	0	0	0	0	0	0	0	0	0	-3,588,267
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 41003014 Paseo del tierra

Company: 001-Electric Services

Location: 410 Distribution

Project Information

Construction Start Date 8/1/2015

Estimated Completion Date 12/31/2019

List Interim In-Service Dates

Project Need Justification

This project is necessary to extend the backbone feeder along Paseo de la Tierra in order to facilitate the addition of new loop configurations for the purpose of more reliable service and to shorten the outage restoration time. On the existing radial system the outages vary, but may last up to 5 or more hours which is a severe impact to customers. We will eliminate single phase radials with the junction point associated with different feeders. This project eliminates safety hazard and operational inefficiency.

Project Alternatives

The alternatives are to continue to maintain the long outages, or maintain unsafe above ground temporary fixes until the crews are able to repair the fault or replace the cable. There are no other technical alternatives to this project.

Technical Aspects

This project involves the design, purchase of equipment and right-of-way ("ROW"), and installation of necessary facilities for the purpose of creating single phase loops. Also extend the three phase main feeder in order to install a new switch gear for the purpose of breaking up the loops.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	41003014	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0		0	0	0	500	10,000	10,000	10,000	0	0	30,500
	120-Overtime-General	0		0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0		0	0	0	110,000	10,000	0	0	0	0	120,000
	370-Outside Services	0		0	0	0	26,000	111,000	111,000	96,000	0	0	344,000
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0		0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0		0	0	0	35	700	700	700	0	0	2,135
	914-Pension and Benefits Load	0		0	0	0	112	2,232	2,232	2,232	0	0	6,808
	915-Injuries and Damages Load	0		0	0	0	34	673	673	673	0	0	2,053
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0		0	0	0	14,487	1,317	0	0	0	0	15,804
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0		0	0	0	21,869	21,537	19,937	17,537	0	0	80,879
	926-A and G Loads	0		0	0	0	11,357	10,899	10,067	8,819	0	0	41,142
	928-AFUDC Debt Reg	0		0	0	0	238	694	1,114	1,495	1,680	1,690	6,911
	929-AFUDC - Equity Regular	0		0	0	0	339	990	1,591	2,135	2,399	2,414	9,867
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	0		0	0	0	184,970	170,042	157,314	139,591	4,078	4,104	660,099
	825-Clearings	0		0	0	0	0	0	0	0	0	-660,099	-660,099
	Clr Sum	0		0	0	0	0	0	0	0	0	-660,099	-660,099
	Proj Net	0		0	0	0	184,970	170,042	157,314	139,591	4,078	-655,995	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	41003014	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	30,500	0	0	0	0	0	0	0	0	0	0	0	0	30,500
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	120,000	0	0	0	0	0	0	0	0	0	0	0	0	120,000
	370-Outside Services	344,000	0	0	0	0	0	0	0	0	0	0	0	0	344,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,135	0	0	0	0	0	0	0	0	0	0	0	0	2,135
	914-Pension and Benefits Load	6,808	0	0	0	0	0	0	0	0	0	0	0	0	6,808
	915-Injuries and Damages Load	2,053	0	0	0	0	0	0	0	0	0	0	0	0	2,053
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	15,804	0	0	0	0	0	0	0	0	0	0	0	0	15,804
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	80,879	0	0	0	0	0	0	0	0	0	0	0	0	80,879
	926-A and G Loads	41,142	0	0	0	0	0	0	0	0	0	0	0	0	41,142
	928-AFUDC Debt Reg	6,911	0	0	0	0	0	0	0	0	0	0	0	0	6,911
	929-AFUDC - Equity Regular	9,867	0	0	0	0	0	0	0	0	0	0	0	0	9,867
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	660,099	0	0	0	0	0	0	0	0	0	0	0	0	660,099
	825-Clearings	-660,099	0	0	0	0	0	0	0	0	0	0	0	0	-660,099
	Clr Sum	-660,099	0	0	0	0	0	0	0	0	0	0	0	0	-660,099
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	41003014	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	30,500	0	0	0	0	0	0	0	0	0	0	0	0	30,500
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	120,000	0	0	0	0	0	0	0	0	0	0	0	0	120,000
	370-Outside Services	344,000	0	0	0	0	0	0	0	0	0	0	0	0	344,000
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	2,135	0	0	0	0	0	0	0	0	0	0	0	0	2,135
	914-Pension and Benefits Load	6,808	0	0	0	0	0	0	0	0	0	0	0	0	6,808
	915-Injuries and Damages Load	2,053	0	0	0	0	0	0	0	0	0	0	0	0	2,053
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	15,804	0	0	0	0	0	0	0	0	0	0	0	0	15,804
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	80,879	0	0	0	0	0	0	0	0	0	0	0	0	80,879
	926-A and G Loads	41,142	0	0	0	0	0	0	0	0	0	0	0	0	41,142
	928-AFUDC Debt Reg	6,911	0	0	0	0	0	0	0	0	0	0	0	0	6,911
	929-AFUDC - Equity Regular	9,867	0	0	0	0	0	0	0	0	0	0	0	0	9,867
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	660,099	0	0	0	0	0	0	0	0	0	0	0	0	660,099
	825-Clearings	-660,099	0	0	0	0	0	0	0	0	0	0	0	0	-660,099
	Clr Sum	-660,099	0	0	0	0	0	0	0	0	0	0	0	0	-660,099
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 60002013 Distr Substation Grounding Repairs

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 1/1/2014 Estimated Completion Date 12/20/2018

List Interim In-Service Dates

Multiple stations are included in this program. In-service dates at least every 2 months.

Project Need Justification

This project involves replacing materials that have either been stolen or damaged at distribution substations. Typically the theft is related to copper. Additionally, this project involves the hardening of stations to prevent/deter future theft. The project is required to replace stolen materials and will also improve the safety for the public and PNM employees. Lack of a good grounding system also adversely affects the ability of certain relays to perform and can result in equipment damage or extensive outages and loss of customer load for extended periods of time. PNM has had to take key equipment out-of-service due to stolen grounds.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

There are no alternatives to the overall replacement and repair of the grounding system. This project is required in order to replace stolen materials and reduce the risk to PNM personnel. No action alternative leaves a known safety hazard in place that can affect personnel as well as result in damaged equipment. Alternatives can be examined in the types of repairs made and the deterrent measures put in-place to protect the system going forward. Measures are evaluated on a site-by-site basis.

Technical Aspects

Project will involve purchasing replacement equipment, primarily copper that was stolen, as well as improving the security of distribution stations to deter further thefts. Typically a contractor is engaged for this work. Deterrents such as surveillance, hidden copper downloads, and alarms are evaluated and installed on a case-by-case basis.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60002013	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	63,945	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	93,945
	120-Overtime-General	5,132	0	0	0	0	0	0	0	0	0	5,132
	350-Material Issues-Major	6,291	0	0	3,000	0	3,000	2,000	0	2,000	2,000	18,291
	370-Outside Services	1,513,465	0	11,200	11,200	0	11,200	11,200	0	11,200	11,200	1,580,665
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	6,446	0	0	0	0	0	0	0	0	0	6,446
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,796	233	233	233	233	233	233	233	233	233	5,896
	914-Pension and Benefits Load	14,434	744	744	744	744	744	744	744	744	744	21,130
	915-Injuries and Damages Load	3,703	224	224	224	224	224	224	224	224	224	5,722
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	38,528	0	0	395	0	395	263	0	263	263	40,108
	922-Minor Material Load	4	0	0	0	0	0	0	0	0	0	4
	925-E and S Loads	239,537	726	2,518	2,998	726	2,998	2,838	726	2,838	2,838	258,739
	926-A and G Loads	125,686	277	1,209	1,459	277	1,459	1,376	277	1,376	1,376	134,772
	928-AFUDC Debt Reg	10,244	7	39	95	133	172	232	269	306	197	11,694
	929-AFUDC - Equity Regular	14,674	10	56	136	190	245	331	384	437	281	16,745
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,045,884	5,555	19,557	23,817	5,861	24,003	22,774	6,191	22,955	22,690	2,199,288
	825-Clearings	-2,045,884	0	0	0	0	0	0	0	-65,357	0	-2,111,241
	Clr Sum	-2,045,884	0	0	0	0	0	0	0	-65,357	0	-2,111,241
Proj Net		0	5,555	19,557	23,817	5,861	24,003	22,774	6,191	-42,402	22,690	88,047

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60002013	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	93,945	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	133,941
	120-Overtime-General	5,132	0	0	0	0	0	0	0	0	0	0	0	0	5,132
	350-Material Issues-Major	18,291	0	0	6,000	0	0	6,000	0	6,000	6,000	0	6,000	6,500	54,791
	370-Outside Services	1,580,665	0	14,500	14,500	0	14,500	14,500	0	14,500	14,500	0	14,500	14,500	1,696,665
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	6,446	0	0	0	0	0	0	0	0	0	0	0	0	6,446
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	5,896	233	233	233	233	233	233	233	233	233	233	233	233	8,692
	914-Pension and Benefits Load	21,130	744	744	744	744	744	744	744	744	744	744	744	744	30,058
	915-Injuries and Damages Load	5,722	224	224	224	224	224	224	224	224	224	224	224	224	8,410
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	40,108	0	0	790	0	0	790	0	790	790	0	790	856	44,914
	922-Minor Material Load	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	925-E and S Loads	258,739	726	3,046	4,006	726	3,046	4,006	726	4,006	4,006	726	4,006	4,086	291,851
	926-A and G Loads	134,772	277	1,484	1,983	277	1,484	1,983	277	1,983	1,983	277	1,983	2,025	150,788
	928-AFUDC Debt Reg	11,694	159	185	233	267	292	341	190	223	279	312	345	402	14,922
	929-AFUDC - Equity Regular	16,745	0	0	0	0	0	0	0	0	0	0	0	0	16,745
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,199,288	5,696	23,749	32,046	5,804	23,856	32,154	5,727	32,036	32,092	5,849	32,158	32,903	2,463,358
	825-Clearings	-2,111,241	0	0	0	0	0	-105,678	0	0	0	0	0	-123,224	-2,340,143
	Clr Sum	-2,111,241	0	0	0	0	0	-105,678	0	0	0	0	0	-123,224	-2,340,143
Proj Net		88,047	5,696	23,749	32,046	5,804	23,856	-73,524	5,727	32,036	32,092	5,849	32,158	-90,321	123,215

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60002013	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	133,941	0	0	0	0	0	0	0	0	0	0	0	0	133,941
	120-Overtime-General	5,132	0	0	0	0	0	0	0	0	0	0	0	0	5,132
	350-Material Issues-Major	54,791	0	0	0	0	0	0	0	0	0	0	0	0	54,791
	370-Outside Services	1,696,665	0	0	0	0	0	0	0	0	0	0	0	0	1,696,665
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	6,446	0	0	0	0	0	0	0	0	0	0	0	0	6,446
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	8,692	0	0	0	0	0	0	0	0	0	0	0	0	8,692
	914-Pension and Benefits Load	30,058	0	0	0	0	0	0	0	0	0	0	0	0	30,058
	915-Injuries and Damages Load	8,410	0	0	0	0	0	0	0	0	0	0	0	0	8,410
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	44,914	0	0	0	0	0	0	0	0	0	0	0	0	44,914
	922-Minor Material Load	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	925-E and S Loads	291,851	0	0	0	0	0	0	0	0	0	0	0	0	291,851
	926-A and G Loads	150,788	0	0	0	0	0	0	0	0	0	0	0	0	150,788
	928-AFUDC Debt Reg	14,922	390	392	0	0	0	0	0	0	0	0	0	0	15,704
	929-AFUDC - Equity Regular	16,745	231	232	0	0	0	0	0	0	0	0	0	0	17,208
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	2,463,358	621	624	0	0	0	0	0	0	0	0	0	0	2,464,603
	825-Clearings	-2,340,143	0	0	0	0	0	0	0	0	0	0	0	0	-2,340,143
	Clr Sum	-2,340,143	0	0	0	0	0	0	0	0	0	0	0	0	-2,340,143
	Proj Net	123,215	621	624	0	0	0	0	0	0	0	0	0	0	124,460

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Project No: 60002314 ZB 46kv retirement

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 11/3/2014

Estimated Completion Date 12/31/2015

List Interim In-Service Dates

Project Need Justification

The existing ZB 46kv line is functionally obsolete and will therefore be removed. The substations that were associated with this line have all been retired as load has been transferred to new 115kv facilities.

Project Alternatives

The only alternative is to leave the ZB 46kv line standing out of service. This would result in continued maintenance costs and continued ROW lease payments, which become costly and would eventually cost more than removing the line. In addition, there could be increased safety exposure to the public, as PNM would not receive any indication should a structure blow over or wire drop on an out of service line. For these reasons, this alternative was not selected.

Technical Aspects

This line was originally constructed in 1928 on an alignment which crosses several Native American Pueblos. To eliminate continued ROW payments, the entire line must be completely removed including all pole, wires and foundations. Prior to beginning the work, complete environmental studies were undertaken so the work would not have an adverse impact on culturally significant sites, or Threatened or Endangered Species. At the completion of the work, the vacated ROW was then be restored to the satisfaction of the underlying Pueblo.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60002314	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	27,872	0	0	25,000	0	0	0	0	0	0	52,872	
	120-Overtime-General	1,650	0	0	0	0	0	0	0	0	0	1,650	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	27,953	0	0	0	0	0	0	0	0	0	27,953	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	52,450	0	0	0	0	0	0	0	0	0	52,450	
	805-Land and Land Rights	361	0	0	0	0	0	0	0	0	0	361	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	2,017	0	0	1,750	0	0	0	0	0	0	3,767	
	914-Pension and Benefits Load	6,828	0	0	5,580	0	0	0	0	0	0	12,408	
	915-Injuries and Damages Load	1,973	0	0	1,683	0	0	0	0	0	0	3,655	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	527	0	0	0	0	0	0	0	0	0	527	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	12,483	0	0	5,442	0	0	0	0	0	0	17,925	
	926-A and G Loads	6,831	0	0	2,080	0	0	0	0	0	0	8,911	
	928-AFUDC Debt Reg	0	363	365	421	477	0	0	0	0	0	1,627	
	929-AFUDC - Equity Regular	0	519	522	601	682	0	0	0	0	0	2,324	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	140,945	882	887	42,557	1,159	0	0	0	0	0	186,430	
	825-Clearings	0	0	0	0	-186,430	0	0	0	0	0	-186,430	
	Clr Sum	0	0	0	0	-186,430	0	0	0	0	0	-186,430	
Proj Net		140,945	882	887	42,557	-185,271	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60002314	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	52,872	0	0	0	0	0	0	0	0	0	0	0	0	52,872
	120-Overtime-General	1,650	0	0	0	0	0	0	0	0	0	0	0	0	1,650
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	27,953	0	0	0	0	0	0	0	0	0	0	0	0	27,953
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	52,450	0	0	0	0	0	0	0	0	0	0	0	0	52,450
	805-Land and Land Rights	361	0	0	0	0	0	0	0	0	0	0	0	0	361
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,767	0	0	0	0	0	0	0	0	0	0	0	0	3,767
	914-Pension and Benefits Load	12,408	0	0	0	0	0	0	0	0	0	0	0	0	12,408
	915-Injuries and Damages Load	3,655	0	0	0	0	0	0	0	0	0	0	0	0	3,655
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	527	0	0	0	0	0	0	0	0	0	0	0	0	527
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	17,925	0	0	0	0	0	0	0	0	0	0	0	0	17,925
	926-A and G Loads	8,911	0	0	0	0	0	0	0	0	0	0	0	0	8,911
	928-AFUDC Debt Reg	1,627	0	0	0	0	0	0	0	0	0	0	0	0	1,627
	929-AFUDC - Equity Regular	2,324	0	0	0	0	0	0	0	0	0	0	0	0	2,324
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	186,430	0	0	0	0	0	0	0	0	0	0	0	0	186,430
	825-Clearings	-186,430	0	0	0	0	0	0	0	0	0	0	0	0	-186,430
	Clr Sum	-186,430	0	0	0	0	0	0	0	0	0	0	0	0	-186,430
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60002314	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	52,872	0	0	0	0	0	0	0	0	0	0	0	0	52,872
	120-Overtime-General	1,650	0	0	0	0	0	0	0	0	0	0	0	0	1,650
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	27,953	0	0	0	0	0	0	0	0	0	0	0	0	27,953
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	52,450	0	0	0	0	0	0	0	0	0	0	0	0	52,450
	805-Land and Land Rights	361	0	0	0	0	0	0	0	0	0	0	0	0	361
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,767	0	0	0	0	0	0	0	0	0	0	0	0	3,767
	914-Pension and Benefits Load	12,408	0	0	0	0	0	0	0	0	0	0	0	0	12,408
	915-Injuries and Damages Load	3,655	0	0	0	0	0	0	0	0	0	0	0	0	3,655
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	527	0	0	0	0	0	0	0	0	0	0	0	0	527
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	17,925	0	0	0	0	0	0	0	0	0	0	0	0	17,925
	926-A and G Loads	8,911	0	0	0	0	0	0	0	0	0	0	0	0	8,911
	928-AFUDC Debt Reg	1,627	0	0	0	0	0	0	0	0	0	0	0	0	1,627
	929-AFUDC - Equity Regular	2,324	0	0	0	0	0	0	0	0	0	0	0	0	2,324
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	186,430	0	0	0	0	0	0	0	0	0	0	0	0	186,430
	825-Clearings	-186,430	0	0	0	0	0	0	0	0	0	0	0	0	-186,430
	Clr Sum	-186,430	0	0	0	0	0	0	0	0	0	0	0	0	-186,430
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 60003116 Distr Cable Testing and Replace 2016

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 1/1/2016

Estimated Completion Date 12/31/2017

List Interim In-Service Dates

Various dates throughout the two year project life as multiple individual WO's are completed for segments or groups of segments replaced.

Project Need Justification

This project provides for the targeted replacement of failing underground cable based upon cable testing results. Costs include engineering, project coordination, testing, material, and labor. This project spans a two year period with testing completed in the first year and cable replacements made over the two year period.

Approximately 46% of PNM distribution lines are of overhead construction. The remaining 54% of the distribution is built as underground construction. Underground cable has a life expectancy of 30-40 years. The risk of not replacing aging and failing cable includes more frequent and extended power outages which adversely affect reliability and customer satisfaction.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

One alternative to testing cable before replacing it is to repair cable by cutting out the failed section of cable and splice new cable in its place. Under this alternative cable runs are scheduled for replacement only after multiple failures have occurred on sections of the cable. Generally this practice results in the same customers experiencing multiple outages before the cable segments are replaced. Another option is to inject a substance to improve the integrity of insulation materials and extend the life of the cable. This technique has short comings as it does not identify the weak areas of cable first and does not address potential problems with cable splices made during installation or the ends of cable where terminating equipment is installed.

Cable testing is a superior approach providing predictive identification of cable failures before they occur, specific targeting and replacement of cable, reducing the number of outages experienced by customers, and maximizing efficiency by replacing only those elements of the cable that are failing.

Technical Aspects

The cable testing is performed by disconnecting a cable segment from the system and applying a specialized calibrated equipment voltage to the cable. Based on partial discharge observed during testing the condition of the cable is determined to be good, in need of repair(replacement of splices or terminations or limited cable replacement), or recommended for full replacement. The repairs or replacements are further categorized as an immediate need or scheduled need over the next year or so. For that cable which is scheduled for replacement it is either replaced in the same location or re-routed along an alternate path if that makes sense for future access and maintenance. This work involves boring and excavation, installing new cable and duct, splices, and terminations.

There are two considerations in estimating the project cost; the amount of testing and the amount of replacement work. Several factors are considered in determining the amount of testing to be performed including; the number of cable segment failures in a year, the vintage or age of cable, and the cable type. The amount of cable replacement required is not known until the testing results are known. However, past experience in terms of the percentage of tested cable requiring replacement provides a good benchmark for budgeting. Costs are estimated based on historical cable replacement costs per foot.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60003116	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	0	0	0	0	0	0	0	0	0	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	0	0	0	0	0	0	0	0	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
Proj Net		0	0	0	0	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60003116	Year	2016											
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	0	1,540	4,389	4,955	4,256	4,032	5,367	4,542	5,041	3,750	4,245	3,162	3,626	48,905
120-Overtime-General	0	26	26	16	497	86	0	16	671	61	691	1,271	864	4,225
350-Material Issues-Major	0	2,042	11,942	7,376	9,227	5,289	21,312	14,476	43,926	85,334	22,663	14,418	3,092	241,097
370-Outside Services	0	414	414	414	885	414	3,305	2,487	3,084	414	19,102	64,811	114,634	210,379
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	0	275	1,153	1,529	1,824	1,013	2,238	1,648	1,122	2,064	1,757	1,361	1,467	17,451
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	0	110	309	348	333	288	376	319	400	267	346	310	314	3,720
914-Pension and Benefits Load	0	350	985	1,109	1,061	919	1,198	1,017	1,275	851	1,102	989	1,002	11,858
915-Injuries and Damages Load	0	105	297	335	320	277	361	307	384	257	332	298	302	3,575
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	0	269	1,573	971	1,215	697	2,807	1,906	5,785	11,239	2,985	1,899	407	31,753
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	778	3,122	2,573	2,944	1,971	5,465	3,970	8,944	14,880	8,038	13,859	20,048	86,592
926-A and G Loads	0	357	1,491	1,189	1,389	901	2,681	1,928	4,480	7,623	4,032	7,074	10,290	43,435
928-AFUDC Debt Reg	0	5	33	74	114	149	202	193	288	465	449	603	836	3,411
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	0	6,271	25,734	20,889	24,065	16,036	45,313	32,809	75,400	127,205	65,742	110,055	156,882	706,401
825-Clearings	0	0	0	0	0	0	-44,259	0	0	-105,428	0	0	-334,028	-483,715
Clr Sum	0	0	0	0	0	0	-44,259	0	0	-105,428	0	0	-334,028	-483,715
Proj Net	0	6,271	25,734	20,889	24,065	16,036	1,054	32,809	75,400	21,777	65,742	110,055	-177,146	222,686

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60003116	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	48,905	4,578	13,042	0	0	0	0	0	0	0	0	0	0	66,525
	120-Overtime-General	4,225	76	76	0	0	0	0	0	0	0	0	0	0	4,377
	350-Material Issues-Major	241,097	0	0	0	0	0	0	0	0	0	0	0	0	241,097
	370-Outside Services	210,379	0	0	0	0	0	0	0	0	0	0	0	0	210,379
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	17,451	0	0	0	0	0	0	0	0	0	0	0	0	17,451
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	3,720	326	918	0	0	0	0	0	0	0	0	0	0	4,964
	914-Pension and Benefits Load	11,858	1,039	2,928	0	0	0	0	0	0	0	0	0	0	15,825
	915-Injuries and Damages Load	3,575	313	883	0	0	0	0	0	0	0	0	0	0	4,771
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	31,753	0	0	0	0	0	0	0	0	0	0	0	0	31,753
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	86,592	1,013	2,856	0	0	0	0	0	0	0	0	0	0	90,461
	926-A and G Loads	43,435	387	1,091	0	0	0	0	0	0	0	0	0	0	44,913
	928-AFUDC Debt Reg	3,411	717	768	0	0	0	0	0	0	0	0	0	0	4,896
	929-AFUDC - Equity Regular	0	425	455	0	0	0	0	0	0	0	0	0	0	880
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	706,401	8,874	23,017	0	0	0	0	0	0	0	0	0	0	738,292
	825-Clearings	-483,715	0	0	0	0	0	0	0	0	0	0	0	0	-483,715
	Clr Sum	-483,715	0	0	0	0	0	0	0	0	0	0	0	0	-483,715
Proj Net		222,686	8,874	23,017	0	0	0	0	0	0	0	0	0	0	254,577

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Project No: 60003314 Cuchilla Substation Unit II

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 7/13/2015

Estimated Completion Date 8/31/2015

List Interim In-Service Dates

NA

Project Need Justification

Project was to install a second unit transformer at the Cuchilla Substation. Project was cancelled by the industrial customer due to a reduced need in CO2 for enhanced oil recovery. As the project was authorized by the customer, they would be responsible for all charges. However, due to PNM system need at the Tularosa substation after a transformer failure, the material has an immediate need. All material costs will be transferred to the Tularosa Substation project (when all internal approvals have occurred and a funding project is made available) with the exception of labor charges. Labor charges that were associated with supporting the customer initiated project and defined by contract, will be paid by the customer. There are no costs that will be recovered by this project, other than the labor charges the customer is responsible for.

Project Alternatives

None - There were no alternatives considered for this project, as it was a large industrial customer driven and requested project. There were no alternatives considered to cancelling the project, as the customer cancelled the project.

Technical Aspects

A 22mva transformer, a four-feeder switchgear, a 115kV tap structure, and a 115kV switch were purchased to support this customer project.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60003314	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	4,631	0	0	0	0	0	0	0	0	0	4,631
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	647,976	0	280,000	110,000	0	0	0	0	0	0	1,037,976
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	237	0	0	0	0	0	0	0	0	0	237
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	-579,332	-579,332	0	0	0	0	0	-1,158,664
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	323	0	0	0	0	0	0	0	0	0	323
	914-Pension and Benefits Load	1,041	0	0	0	0	0	0	0	0	0	1,041
	915-Injuries and Damages Load	311	0	0	0	0	0	0	0	0	0	311
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	10,445	0	0	0	0	0	0	0	0	0	10,445
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	43,848	0	44,800	17,600	0	0	0	0	0	0	106,248
	926-A and G Loads	54,303	0	23,296	9,152	0	0	0	0	0	0	86,751
	928-AFUDC Debt Reg	3,826	1,990	2,451	2,345	1,043	303	0	0	0	0	11,957
	929-AFUDC - Equity Regular	5,367	2,842	3,500	3,348	1,489	432	0	0	0	0	16,977
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	772,307	4,832	354,047	-436,888	-576,801	735	0	0	0	0	118,232
	825-Clearings	0	0	0	0	0	-118,232	0	0	0	0	-118,232
	Clr Sum	0	0	0	0	0	-118,232	0	0	0	0	-118,232
Proj Net		772,307	4,832	354,047	-436,888	-576,801	-117,497	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60003314	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	4,631	0	0	0	0	0	0	0	0	0	0	0	0	4,631
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	1,037,976	0	0	0	0	0	0	0	0	0	0	0	0	1,037,976
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	237	0	0	0	0	0	0	0	0	0	0	0	0	237
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-1,158,664	0	0	0	0	0	0	0	0	0	0	0	0	-1,158,664
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	323	0	0	0	0	0	0	0	0	0	0	0	0	323
	914-Pension and Benefits Load	1,041	0	0	0	0	0	0	0	0	0	0	0	0	1,041
	915-Injuries and Damages Load	311	0	0	0	0	0	0	0	0	0	0	0	0	311
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	10,445	0	0	0	0	0	0	0	0	0	0	0	0	10,445
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	106,248	0	0	0	0	0	0	0	0	0	0	0	0	106,248
	926-A and G Loads	86,751	0	0	0	0	0	0	0	0	0	0	0	0	86,751
	928-AFUDC Debt Reg	11,957	0	0	0	0	0	0	0	0	0	0	0	0	11,957
	929-AFUDC - Equity Regular	16,977	0	0	0	0	0	0	0	0	0	0	0	0	16,977
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	118,232	0	0	0	0	0	0	0	0	0	0	0	0	118,232
	825-Clearings	-118,232	0	0	0	0	0	0	0	0	0	0	0	0	-118,232
	Clr Sum	-118,232	0	0	0	0	0	0	0	0	0	0	0	0	-118,232
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60003314	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	4,631	0	0	0	0	0	0	0	0	0	0	0	0	4,631
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	1,037,976	0	0	0	0	0	0	0	0	0	0	0	0	1,037,976
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Blls to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	237	0	0	0	0	0	0	0	0	0	0	0	0	237
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	-1,158,664	0	0	0	0	0	0	0	0	0	0	0	0	-1,158,664
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	323	0	0	0	0	0	0	0	0	0	0	0	0	323
	914-Pension and Benefits Load	1,041	0	0	0	0	0	0	0	0	0	0	0	0	1,041
	915-Injuries and Damages Load	311	0	0	0	0	0	0	0	0	0	0	0	0	311
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	10,445	0	0	0	0	0	0	0	0	0	0	0	0	10,445
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	106,248	0	0	0	0	0	0	0	0	0	0	0	0	106,248
	926-A and G Loads	86,751	0	0	0	0	0	0	0	0	0	0	0	0	86,751
	928-AFUDC Debt Reg	11,957	0	0	0	0	0	0	0	0	0	0	0	0	11,957
	929-AFUDC - Equity Regular	16,977	0	0	0	0	0	0	0	0	0	0	0	0	16,977
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	118,232	0	0	0	0	0	0	0	0	0	0	0	0	118,232
	825-Clearings	-118,232	0	0	0	0	0	0	0	0	0	0	0	0	-118,232
	Clr Sum	-118,232	0	0	0	0	0	0	0	0	0	0	0	0	-118,232
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 60028014 DOC upgrades

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 9/6/2013

Estimated Completion Date 09/30/2015

List Interim In-Service Dates

Project Need Justification

The Distribution Operations Center (DOC) is responsible for outage management and restoration and monitoring the PNM distribution system. The DOC monitors the system health and status via SCADA, outage management system (OMS) and Volt-Var Management System (VVMS). The DOC dispatches crews to outages to restore services to the customers. The DOC also directs switching of the loads by directing crews to switch a load via the monitoring system in SCADA and OMS.

Due to system growth, aging equipment and outdated facilities it has become increasingly difficult to manage the system during periods with high call volume and outages. Additionally the DOC Media center is not well equipped to brief external media and entities about events with a large number of outages and update them on PNM's efforts to restore service to affected customers.

This project includes funding for internal labor to perform system improvements and the purchase media communications equipment and other facilities improvements including ergonomic furniture.

Project Alternatives

There are two alternatives for this project: 1) continue with existing inadequate facilities or 2) implement the Doc Center improvements. The first option is not considered viable due to inefficiencies in the system. The second alternative will improve DOC operations by providing resources to better manage and restore outages and to be able to brief media and external entities about PNM's efforts to restore during storms and large outages.

Technical Aspects

This project includes SCADA improvements, installation of ergonomic flooring and furniture, improved lighting, media communications hardware, status monitors, and a new DOC media Center to better brief media and external entities about PNM's efforts restoring services during storms and large outages.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project - 60028014	Year	2015										
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	0	2,200	2,200	0	0	0	0	0	0	0	4,400	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	95,000	95,000	0	0	0	0	0	0	0	190,000	
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	268	806	1,077	0	0	0	0	0	0	2,151	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	0	154	154	0	0	0	0	0	0	0	308	
914-Pension and Benefits Load	0	491	491	0	0	0	0	0	0	0	982	
915-Injuries and Damages Load	0	148	148	0	0	0	0	0	0	0	296	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	0	12,512	12,512	0	0	0	0	0	0	0	25,023	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
926-A and G,Loads	0	8,087	8,087	0	0	0	0	0	0	0	16,174	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
961-Luna AR G PNM D&V	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	0	118,860	119,397	1,077	0	0	0	0	0	0	239,335	
825-Clearings	0	0	0	-239,335	0	0	0	0	0	0	-239,335	
Clr Sum	0	0	0	-239,335	0	0	0	0	0	0	-239,335	
Proj Net	0	118,860	119,397	-238,257	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60028014	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	4,400	0	0	0	0	0	0	0	0	0	0	0	0	4,400
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	190,000	0	0	0	0	0	0	0	0	0	0	0	0	190,000
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	2,151	0	0	0	0	0	0	0	0	0	0	0	0	2,151
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	308	0	0	0	0	0	0	0	0	0	0	0	0	308
	914-Pension and Benefits Load	982	0	0	0	0	0	0	0	0	0	0	0	0	982
	915-Injuries and Damages Load	296	0	0	0	0	0	0	0	0	0	0	0	0	296
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	25,023	0	0	0	0	0	0	0	0	0	0	0	0	25,023
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	16,174	0	0	0	0	0	0	0	0	0	0	0	0	16,174
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	239,335	0	0	0	0	0	0	0	0	0	0	0	0	239,335
	825-Clearings	-239,335	0	0	0	0	0	0	0	0	0	0	0	0	-239,335
	Clr Sum	-239,335	0	0	0	0	0	0	0	0	0	0	0	0	-239,335
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60028014	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	4,400	0	0	0	0	0	0	0	0	0	0	0	0	4,400
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	190,000	0	0	0	0	0	0	0	0	0	0	0	0	190,000
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	2,151	0	0	0	0	0	0	0	0	0	0	0	0	2,151
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	308	0	0	0	0	0	0	0	0	0	0	0	0	308
	914-Pension and Benefits Load	982	0	0	0	0	0	0	0	0	0	0	0	0	982
	915-Injuries and Damages Load	296	0	0	0	0	0	0	0	0	0	0	0	0	296
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	25,023	0	0	0	0	0	0	0	0	0	0	0	0	25,023
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	16,174	0	0	0	0	0	0	0	0	0	0	0	0	16,174
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	239,335	0	0	0	0	0	0	0	0	0	0	0	0	239,335
	825-Clearings	-239,335	0	0	0	0	0	0	0	0	0	0	0	0	-239,335
	Clr Sum	-239,335	0	0	0	0	0	0	0	0	0	0	0	0	-239,335
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Project No: 60028015 TMS/OMS Upgrade Project

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 9/7/2015 Estimated Completion Date 11/1/2017

List Interim In-Service Dates

Four phases in over 2 years. Each application placed into service when complete and will be cleared.

Project Need Justification

PNM currently uses Oracle outage management system v1.8.1.2.5 and it's planning to move to ACS Advanced Distribution Management System (ADMS). The current Outage Management System is dated and is no longer supported by the vendor. The existing system has limited functionality that no longer meets requirements and is also vulnerable to security breaches. A new/upgraded system will provide better outage management restoration, public facing information, and meet increased customer experience expectations. PNM customers expect timely notification of the outages and status of the outages for planning purposes and also reporting outages via mobile devices. This new upgrade will provide an efficient and effective two-way communication for PNM and its customers.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

There are two options: 1) Continue to use the current ADMS or 2) Purchase and install a new ADMS. The current system is not viable because it is no longer supported by the vendor and there are no security and upgrades patches to address evolving security requirements.

The best alternative, option 2, is to purchase and install a new ADMS. PNM evaluated products from three vendors, Oracle, ACS, and OSI to select the best ADMS to support PNM operations and that provides functionality that meets the communication needs of our customers.

Technical Aspects

The project includes installation of new hardware and software, workstations, and servers. The new functionality of the system requires development of new processes to fully utilize the new tools. These processes include new ways of dispatching crews to outages, crews in the field updating outage status, new fault detection, isolation and restoration processes, dynamically updating the Estimated Restoration Time (ERT), and better outage communication and notifications to the customers.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60028015	Year	2015									
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	10,179	10,179	10,179	10,179	10,179	10,179	61,074
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0	0	0	0	0	0	120,532	-11,633	120,532	54,449	283,880
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	33	100	462	797	1,134	1,634	4,160
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	713	713	713	713	713	713	4,275
	914-Pension and Benefits Load	0	0	0	0	2,272	2,272	2,272	2,272	2,272	2,272	13,632
	915-Injuries and Damages Load	0	0	0	0	685	685	685	685	685	685	4,110
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	0	0	0	0	847	847	10,875	-121	10,875	5,377	28,700
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	0	0	0	0	14,729	14,795	145,718	2,892	146,390	75,309	399,831
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0
Proj Net		0	0	0	0	14,729	14,795	145,718	2,892	146,390	75,309	399,831

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60028015	Year	2016											
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	61,074	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	121,074
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
370-Outside Services	283,880	46,214	60,814	60,814	36,480	53,987	58,527	58,527	58,527	55,718	48,014	1,961	0	823,463
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	4,160	2,027	2,187	2,674	2,856	3,405	3,575	2,481	2,816	3,048	3,450	3,502	3,667	39,848
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	4,275	350	350	350	350	350	350	350	350	350	350	350	350	8,475
914-Pension and Benefits Load	13,632	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	27,024
915-Injuries and Damages Load	4,110	337	337	337	337	337	337	337	337	337	337	337	337	8,154
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
926-A and G Loads	28,700	4,261	5,476	5,476	3,451	4,908	5,285	5,285	5,285	5,052	4,411	579	416	78,585
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	399,831	59,305	75,280	75,767	49,590	69,103	74,190	73,096	73,431	70,621	62,678	12,845	10,886	1,106,623
825-Clearings	0	0	0	0	0	0	-321,226	0	0	0	0	0	-314,158	-635,384
Clr Sum	0	0	0	0	0	0	-321,226	0	0	0	0	0	-314,158	-635,384
Proj Net	399,831	59,305	75,280	75,767	49,590	69,103	-247,036	73,096	73,431	70,621	62,678	12,845	-303,272	471,239

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project 60028015	Year	2017												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	121,074	12,143	12,143	0	0	0	0	0	0	0	0	0	0	145,360
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
370-Outside Services	823,463	112,233	147,691	0	0	0	0	0	0	0	0	0	0	1,083,387
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	39,848	2,735	3,550	0	0	0	0	0	0	0	0	0	0	46,133
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	8,475	850	850	0	0	0	0	0	0	0	0	0	0	10,175
914-Pension and Benefits Load	27,024	2,710	2,710	0	0	0	0	0	0	0	0	0	0	32,444
915-Injuries and Damages Load	8,154	817	817	0	0	0	0	0	0	0	0	0	0	9,788
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
926-A and G Loads	76,585	10,348	13,298	0	0	0	0	0	0	0	0	0	0	102,231
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	1,106,623	141,836	181,059	0	0	0	0	0	0	0	0	0	0	1,429,518
825-Clearings	-635,384	0	0	0	0	0	0	0	0	0	0	0	0	-635,384
Clr Sum	-635,384	0	0	0	0	0	0	0	0	0	0	0	0	-635,384
Proj Net	471,239	141,836	181,059	0	0	0	0	0	0	0	0	0	0	794,134

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Project No: 60030515 General Service Wedge Co1

Company: 001-Electric Services
Location: 600 Distribution

Project Information

Construction Start Date 1/1/2015 Estimated Completion Date

List Interim In-Service Dates

Project Need Justification

This project is for building improvement projects for PNM Electric that will be identified as breakdown maintenance or equipment failure occurs. These funds are used for replacement of systems such as HVAC, plumbing, roofing, electrical, and pavement as their useful life is completed and parts are not obtainable. Upon identification of an issue, each individual project will be requested through a CDAP and an individual project number will be assigned. The budgeted funds will be used solely for outside contract labor and the equipment being replaced. If the systems are not replaced, this could cause deterioration of the building, uncomfortable working conditions or occupants, and a safety hazard in some cases. All funds would be used for replacement of the system.

This project is included in the test period projected balances for CWIP related to generation, transmission, distribution, and general and intangible plant as of September 30, 2016 that are projected to be in service within five months after the end of the test period.

Pursuant to NMSA 1978, § 62-6-14(E), a utility is allowed to request to include in rate base CWIP for projects that are projected to be in service the lesser of five months after the end of the test period or 24 months after the end of the base period. PNM is requesting the inclusion of CWIP balances for projects such as this one with a projected in-service date by February 2017.

Project Alternatives

The alternative to not expending Capital funds for system replacement is to address breakdown maintenance as it occurs and repair utilizing O&M funds. When breakdown occurs, subject matter experts including PNM employees and management in the respective area, General Services' manager, Building Maintenance supervisor and a licensed contractor would collaborate to determine if the system can be repaired or needs replacement.

Technical Aspects

The technical aspects of each project would be identified at the time of the system failure and decision to replace. The work, equipment, and cost would be justified in a CDAP.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60030515	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	88,712	88,712	88,712	88,712	0	0	0	0	354,848	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	217	653	1,090	1,530	1,754	0	0	0	5,244	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	7,381	7,381	7,381	7,381	0	0	0	0	29,523	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	96,310	96,746	97,183	97,623	1,754	0	0	0	389,616	
	825-Clearings	0	0	0	0	0	0	-389,616	0	0	0	-389,616	
	Clr Sum	0	0	0	0	0	0	-389,616	0	0	0	-389,616	
	Proj Net	0	0	96,310	96,746	97,183	97,623	-387,862	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60030515	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
370-Outside Services	354,848	0	0	20,000	25,000	30,000	20,000	0	0	35,647	0	35,645	0	521,140	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	5,244	0	0	51	159	321	433	498	498	330	433	508	617	9,092	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
926-A and G Loads	29,523	0	0	1,664	2,080	2,496	1,664	0	0	2,966	0	2,966	0	43,359	
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	389,616	0	0	21,715	27,239	32,817	22,097	498	498	38,943	433	39,119	617	573,592	
825-Clearings	-389,616	0	0	0	0	0	0	0	-52,432	0	0	0	-131,543	-573,591	
Clr Sum	-389,616	0	0	0	0	0	0	0	-52,432	0	0	0	-131,543	-573,591	
Proj Net	0	0	0	21,715	27,239	32,817	22,097	498	-51,934	38,943	433	39,119	-130,926	1	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60030515	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	521,140	0	0	0	0	0	0	0	0	0	0	0	0	521,140
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	9,092	0	0	0	0	0	0	0	0	0	0	0	0	9,092
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	43,359	0	0	0	0	0	0	0	0	0	0	0	0	43,359
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	573,592	0	0	0	0	0	0	0	0	0	0	0	0	573,592
	825-Clearings	-573,591	0	0	0	0	0	0	0	0	0	0	0	0	-573,591
	Clr Sum	-573,591	0	0	0	0	0	0	0	0	0	0	0	0	-573,591
Proj Net		1	0	0	0	0	0	0	0	0	0	0	0	0	1

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Project No: 60034214 Reeves Training Center

Company: 001-Electric Services

Location: 600 Distribution

Project Information

Construction Start Date 1/1/2016

Estimated Completion Date 09/30/2016

List Interim In-Service Dates

Project Need Justification

There are several external factors that drive the need for initial and ongoing technical training, focused primarily on craft employees. These external factors include the aging workforce, changing technology and the existing and changing OSHA and other regulatory requirements. As our aging workforce retires, we are increasingly adding less experienced or apprentice craft employees who require increased levels of technical training.

As the technology in the industry changes and the new technology is implemented in the PNM System, specialized training is required to ensure our workforce has the skills to work with the new technology in a manner that protects the system, the asset and the employee.

Existing and changing compliance requirements mandate that we provide periodic technical training/exercises to ensure the continued safety of our workforce.

Currently PNM does not have training facilities that allow for adequate training and exercises to meet the above mentioned needs in a safe and controlled environment. Much of the training takes place on old, broken equipment, in a classroom environment, or on equipment and facilities that are already in service increasing the risk of improper training and injury or damage to employees and equipment.

Project Alternatives

One alternative includes continuing with status quo, which consists of classroom training held in lounges or other areas not designed for this purpose, and utilizing on-the-job training. The disadvantage to this alternative is, the employee is not learning in a controlled environment, adding risk to personnel and system reliability. Training takes much longer in an uncontrolled environment where the risk requires more mitigation.

Technical Aspects

The training facility will be designed to meet the training needs of all T&D crafts in the foreseeable future. However, the design will be created in phases so that the facility can be built in stages over time based on priorities and funding levels. The initial phase will include a classroom and storage facility at the site as well as the addition of basic elements required to meet and maintain OSHA compliance, such as poles, transformers, manholes, switchgears, etc. Select equipment will be energized to provide for a controlled environment when teaching the apprentices to work on energized equipment.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	60034214	Year	2015										
	Cost_Type	Bal 3/31/15		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	0		0	0	0	2,000	3,000	3,000	3,000	3,000	2,000	16,000
	120-Overtime-General	0		0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0		0	0	0	0	0	0	0	0	0	0
	370-Outside Services	0		0	0	0	16,040	16,120	16,120	16,120	16,120	16,100	96,620
	374-Outside Svcs Legal	0		0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0		0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0		0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0		0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0		0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0		0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0		0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0		0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0		0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0		0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0		0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	0		0	0	0	140	210	210	210	210	140	1,120
	914-Pension and Benefits Load	0		0	0	0	446	670	670	670	670	446	3,571
	915-Injuries and Damages Load	0		0	0	0	135	202	202	202	202	135	1,077
	918-San Juan AR-Labor	0		0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0		0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0		0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0		0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	0		0	0	0	1,501	1,591	1,591	1,591	1,591	1,506	9,370
	928-AFUDC Debt Reg	0		0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0		0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0		0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0		0	0	0	0	0	0	0	0	0	0
	Cost Sum	0		0	0	0	20,262	21,792	21,792	21,792	21,792	20,327	127,758
	825-Clearings	0		0	0	0	0	0	0	0	0	-127,758	-127,758
	Clr Sum	0		0	0	0	0	0	0	0	0	-127,758	-127,758
	Proj Net	0		0	0	0	20,262	21,792	21,792	21,792	21,792	-107,431	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	60034214	Year	2016												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	16,000	0	0	0	0	0	0	0	0	0	0	0	0	16,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	96,620	0	0	0	0	0	0	0	0	0	0	0	0	96,620
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,120	0	0	0	0	0	0	0	0	0	0	0	0	1,120
	914-Pension and Benefits Load	3,571	0	0	0	0	0	0	0	0	0	0	0	0	3,571
	915-Injuries and Damages Load	1,077	0	0	0	0	0	0	0	0	0	0	0	0	1,077
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	9,370	0	0	0	0	0	0	0	0	0	0	0	0	9,370
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	127,758	0	0	0	0	0	0	0	0	0	0	0	0	127,758
	825-Clearings	-127,758	0	0	0	0	0	0	0	0	0	0	0	0	-127,758
	Clr Sum	-127,758	0	0	0	0	0	0	0	0	0	0	0	0	-127,758
Proj Net		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	60034214	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	16,000	2,000	2,000	0	0	0	0	0	0	0	0	0	0	20,000
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	96,620	125,000	125,000	0	0	0	0	0	0	0	0	0	0	346,620
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	1,120	140	140	0	0	0	0	0	0	0	0	0	0	1,400
	914-Pension and Benefits Load	3,571	446	446	0	0	0	0	0	0	0	0	0	0	4,463
	915-Injuries and Damages Load	1,077	135	135	0	0	0	0	0	0	0	0	0	0	1,347
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	926-A and G Loads	9,370	10,566	10,566	0	0	0	0	0	0	0	0	0	0	30,502
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	127,758	138,287	138,287	0	0	0	0	0	0	0	0	0	0	404,332
	825-Clearings	-127,758	0	-138,287	0	0	0	0	0	0	0	0	0	0	-266,045
	Clr Sum	-127,758	0	-138,287	0	0	0	0	0	0	0	0	0	0	-266,045
	Proj Net	0	138,287	0	0	0	0	0	0	0	0	0	0	0	138,287

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Project No: 89901613 Rio Hondo Service Area Reconfiguration

Company: 001-Electric Services

Location: 899 Distribution

Project Information

Construction Start Date 1/1/2016

Estimated Completion Date 6/30/2016

List Interim In-Service Dates

NA

Project Need Justification

This project is to provide a second feeder source, Panorama Feeder 11, into western Corrales. A Rio Hondo Reconfiguration Study shows voltage is outside of ANSI Range A, the national standard for utilization voltage regulation, in Corrales under normal conditions. In addition, during the 2014 summer peak, the load served by the line on Corrales road caused the conductor to exceed its normal rating. Building a line extension between Panorama Feeder 11 and Rio Hondo Feeder 13 and connecting several single-phase taps to it in western Corrales, as well as some additional re-phasing, corrects low voltage problems in Corrales and reduces the load on the Corrales Road conductor and on the Rio Hondo Substation transformer.

Eventually, the new circuit will be served from the proposed Corrales Bluff unit transformer. Having two circuits in the Corrales area from two different sources, Rio Hondo and Corrales Bluff, will provide greater reliability for the Village of Corrales since the new feeders can be used to provide backup support for each other. Also, breaking up the large single-phase loops in Corrales into smaller loops will improve reliability since fewer customers will be affected by an outage on any one loop.

The types of costs that are covered by the project funds are internal labor, external labor, materials, equipment, and ROW.

Project Alternatives

A route up the western edge of Corrales was considered, however, the new route was opposed by the new village of Corrales Mayor and Council. Since both routes accomplished the project objective, the preferred route by PNM was chosen. The "do nothing" alternative is not a viable option as improvements are needed in this area to address voltage and equipment overload issues that occur under normal operating conditions.

Technical Aspects

This project is to extend a three-phase line along Loma Larga Rd. in Corrales from Coronado Rd. approximately 22,200 ft. using overhead construction and connect it to the three-phase 750AL underground conductor from switch SW674S on Paseo Tomas Montoya. Transfer several single-phase loops from Rio Hondo Feeder 13 to this new line extension served by Panorama Feeder 11, install one new 1200 kVAR capacitor bank, and install three new overhead switches. This project will connect the line on Coronado Rd. to the switch on Paseo Tomas Montoya.

The project cost estimates are developed using PNM's Compatible Units (CUs) and in some cases historical cost information for similar type projects is used. The CUs provide unit costs for materials, labor, equipment. Initial estimates developed using CUs are based on best available information at the

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

time of preliminary design and may change due to unforeseen routing or site specific conditions. Other costs are established by either using historical costs or using estimated costs determined by the governing agency and/or a bidding process. These other costs include, but are not limited to, permitting, right-of-way, contractor costs and environmental.

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	89901613	Year	2015											
Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total			
110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0			
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0			
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0			
370-Outside Services	0	0	0	0	0	0	0	0	0	0	0			
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0			
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0			
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0			
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0			
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0			
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0			
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0			
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0			
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0			
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0			
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0			
913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0			
914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0			
915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0			
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0			
921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0			
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0			
925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0			
926-A and G Loads	0	0	0	0	0	0	0	0	0	0	0			
928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0			
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0			
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0			
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0			
Cost Sum	0	0	0	0	0	0	0	0	0	0	0			
825-Clearings	0	0	0	0	0	0	0	0	0	0	0			
Clr Sum	0	0	0	0	0	0	0	0	0	0	0			
Proj Net	0	0	0	0	0	0	0	0	0	0	0			

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project 89901613	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110-Straight Time-General	0	0	58,400	0	0	0	0	0	0	0	0	0	0	58,400
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
370-Outside Services	0	182,459	182,459	0	0	0	0	0	0	0	0	0	0	364,918
374-Outside Svcs Legal	0	28,766	2,877	0	0	0	0	0	0	0	0	0	0	31,643
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913-Payroll Taxes Load	0	0	4,088	0	0	0	0	0	0	0	0	0	0	4,088
914-Pension and Benefits Load	0	0	13,035	0	0	0	0	0	0	0	0	0	0	13,035
915-Injuries and Damages Load	0	0	3,930	0	0	0	0	0	0	0	0	0	0	3,930
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925-E and S Loads	0	33,796	42,366	0	0	0	0	0	0	0	0	0	0	76,162
926-A and G Loads	0	17,574	20,279	0	0	0	0	0	0	0	0	0	0	37,853
928-AFUDC Debt Reg	0	230	746	0	0	0	0	0	0	0	0	0	0	976
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Sum	0	262,825	328,180	0	0	0	0	0	0	0	0	0	0	591,005
825-Clearings	0	0	-591,004	0	0	0	0	0	0	0	0	0	0	-591,004
Clr Sum	0	0	-591,004	0	0	0	0	0	0	0	0	0	0	-591,004
Proj Net	0	262,825	-262,824	0	0	0	0	0	0	0	0	0	0	1

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	89901613	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	58,400	0	0	0	0	0	0	0	0	0	0	0	0	58,400
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	370-Outside Services	364,918	0	0	0	0	0	0	0	0	0	0	0	0	364,918
	374-Outside Svcs Legal	31,643	0	0	0	0	0	0	0	0	0	0	0	0	31,643
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	4,088	0	0	0	0	0	0	0	0	0	0	0	0	4,088
	914-Pension and Benefits Load	13,035	0	0	0	0	0	0	0	0	0	0	0	0	13,035
	915-Injuries and Damages Load	3,930	0	0	0	0	0	0	0	0	0	0	0	0	3,930
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	76,162	0	0	0	0	0	0	0	0	0	0	0	0	76,162
	926-A and G Loads	37,853	0	0	0	0	0	0	0	0	0	0	0	0	37,853
	928-AFUDC Debt Reg	976	0	0	0	0	0	0	0	0	0	0	0	0	976
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	591,005	0	0	0	0	0	0	0	0	0	0	0	0	591,005
	825-Clearings	-591,004	0	0	0	0	0	0	0	0	0	0	0	0	-591,004
	Clr Sum	-591,004	0	0	0	0	0	0	0	0	0	0	0	0	-591,004
	Proj Net	1	0	0	0	0	0	0	0	0	0	0	0	0	1

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Project No: 89901815 Veranda 22 to Black Ranch 11 Feeder Tie

Company: 001-Electric Services

Location: 899 Distribution

Project Information

Construction Start Date 1/1/2016

Estimated Completion Date 6/30/2016

List Interim In-Service Dates

na

Project Need Justification

This project is driven by the need for additional tie capacity for an outage during peak load conditions of Black Ranch Substation. Currently for an outage of Black Ranch Substation, Scenic Feeder 13 provides backup support for 100% of Black Ranch Feeder 12 as well as for a portion of Black Ranch Feeder 11. Based on projected 2015 peak loads, Scenic Feeder 13 will be unable to provide backup support for both a portion of Black Ranch Feeder 11 and 100% of Black Ranch Feeder 12 in 2015.

The proposed tie will provide a path for Veranda 22 to back up a portion of Black Ranch Feeder 11 from the north. This will allow Scenic Feeder 11 to be used to back up the remainder of Black Ranch Feeder 11 from the south thereby reducing the load on Scenic Feeder 13. Scenic Feeder 13 will then provide backup support only for Black Ranch Feeder 12. With completion of the project the system, the additional tie will improve the system reliability in the area.

The types of costs that are covered by the project funds are internal labor, external labor, materials, equipment, and ROW.

Project Alternatives

This is the only viable solution. The only other alternative is to do nothing, which could cause extended power outages for customers due to lack of backup feeder tie capacity during an outage of Black Ranch Substation.

Technical Aspects

This project is to extend three phases of Veranda Feeder 22 by 10,400 ft. using 397AAC conductor and an overhead design to tie to Black Ranch Feeder 11 along Irving Blvd. In addition, 12,000 ft. of Veranda 22 is to be rebuilt using 397AAC conductor and an overhead design along Southern Blvd. west of Idalia Rd. to Encino Rd. and south of Southern Blvd. along Encino Rd. A SCADA controlled switch is to be installed as the normal open point north of Irving Blvd.

Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 01

Project	89901815	Year	2015										
	Cost_Type	Bal 3/31/15	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	110-Straight Time-General	0	0	0	0	0	0	0	0	0	0	0	
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	
	350-Material Issues-Major	0	0	0	0	0	0	0	0	0	0	0	
	370-Outside Services	0	0	0	0	0	0	0	0	0	0	0	
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	913-Payroll Taxes Load	0	0	0	0	0	0	0	0	0	0	0	
	914-Pension and Benefits Load	0	0	0	0	0	0	0	0	0	0	0	
	915-Injuries and Damages Load	0	0	0	0	0	0	0	0	0	0	0	
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	
	921-Stores / Purchasing Load	0	0	0	0	0	0	0	0	0	0	0	
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	
	925-E and S Loads	0	0	0	0	0	0	0	0	0	0	0	
	926-A and G Loads	0	0	0	0	0	0	0	0	0	0	0	
	928-AFUDC Debt Reg	0	0	0	0	0	0	0	0	0	0	0	
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	
	Cost Sum	0	0	0	0	0	0	0	0	0	0	0	
	825-Clearings	0	0	0	0	0	0	0	0	0	0	0	
	Clr Sum	0	0	0	0	0	0	0	0	0	0	0	
Proj Net		0	0	0	0	0	0	0	0	0	0	0	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 02

Project	89901815	Year	2016												
Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
110-Straight Time-General	0	1,825	1,825	0	32,110	40,145	33,355	0	0	0	0	0	0	109,260	
120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
350-Material Issues-Major	0	4,639	464	0	0	56,933	56,933	0	0	0	0	0	0	118,969	
370-Outside Services	0	3,650	3,650	19,710	20,440	1,849	7,000	0	0	0	0	0	0	56,299	
374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
913-Payroll Taxes Load	0	128	128	0	2,248	2,810	2,335	0	0	0	0	0	0	7,649	
914-Pension and Benefits Load	0	407	407	0	7,167	8,960	7,445	0	0	0	0	0	0	24,386	
915-Injuries and Damages Load	0	123	123	0	2,161	2,702	2,245	0	0	0	0	0	0	7,354	
918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
921-Stores / Purchasing Load	0	611	61	0	0	7,498	7,498	0	0	0	0	0	0	15,668	
922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
925-E and S Loads	0	1,724	1,055	3,154	10,260	18,144	17,490	0	0	0	0	0	0	51,827	
926-A and G Loads	0	841	494	1,640	4,372	8,231	8,094	0	0	0	0	0	0	23,672	
928-AFUDC Debt Reg	0	12	32	60	151	349	603	0	0	0	0	0	0	1,207	
929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cost Sum	0	13,960	8,239	24,564	78,909	147,621	142,998	0	0	0	0	0	0	416,291	
825-Clearings	0	0	0	0	0	0	-416,290	0	0	0	0	0	0	-416,290	
Clr Sum	0	0	0	0	0	0	-416,290	0	0	0	0	0	0	-416,290	
Proj Net	0	13,960	8,239	24,564	78,909	147,621	-273,292	0	0	0	0	0	0	1	

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Projects with clearings in 2015 and 2016, Budget data for 2015 - 2017

Cost Year 03

Project	89901815	Year	2017												
	Cost_Type	BegBal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	110-Straight Time-General	109,260	0	0	0	0	0	0	0	0	0	0	0	0	109,260
	120-Overtime-General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	350-Material Issues-Major	118,969	0	0	0	0	0	0	0	0	0	0	0	0	118,969
	370-Outside Services	56,299	0	0	0	0	0	0	0	0	0	0	0	0	56,299
	374-Outside Svcs Legal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	377-Outside Services-Temp Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	391-Jt Proj Bills to PNM-Non-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	530-Employee Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	610-Expenses - General	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	805-Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	807-Non Refundable Contribution	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	829-Construction Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	426-Capitalized Interest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	908-Luna AR - Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	909-Luna AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	913-Payroll Taxes Load	7,649	0	0	0	0	0	0	0	0	0	0	0	0	7,649
	914-Pension and Benefits Load	24,386	0	0	0	0	0	0	0	0	0	0	0	0	24,386
	915-Injuries and Damages Load	7,354	0	0	0	0	0	0	0	0	0	0	0	0	7,354
	918-San Juan AR-Labor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	921-Stores / Purchasing Load	15,668	0	0	0	0	0	0	0	0	0	0	0	0	15,668
	922-Minor Material Load	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	925-E and S Loads	51,827	0	0	0	0	0	0	0	0	0	0	0	0	51,827
	926-A and G Loads	23,672	0	0	0	0	0	0	0	0	0	0	0	0	23,672
	928-AFUDC Debt Reg	1,207	0	0	0	0	0	0	0	0	0	0	0	0	1,207
	929-AFUDC - Equity Regular	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	937-San Juan AR - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	961-Luna A&G PNMR D&V	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cost Sum	416,291	0	0	0	0	0	0	0	0	0	0	0	0	416,291
	825-Clearings	-416,290	0	0	0	0	0	0	0	0	0	0	0	0	-416,290
	Clr Sum	-416,290	0	0	0	0	0	0	0	0	0	0	0	0	-416,290
Proj Net	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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