

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

IN THE MATTER OF THE APPLICATION)
OF PUBLIC SERVICE COMPANY OF NEW)
MEXICO FOR REVISION OF ITS RETAIL)
ELECTRIC RATES PURSUANT TO ADVICE)
NOTICE NO. 507)

Case No. 14-00332-UT

)
)
PUBLIC SERVICE COMPANY OF NEW)
MEXICO,)

)
)
Applicant)
_____)

DIRECT TESTIMONY AND EXHIBITS

OF

JULIO C. AGUIRRE

DECEMBER 11, 2014

NMPRC CASE NO. 14-00332-UT
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WITNESS FOR
PUBLIC SERVICE COMPANY OF NEW MEXICO

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PNM EXHIBIT JCA-2	An Illustrative Example That Compares Using A Per Kwh Allocation Methodology Versus A Functional Allocation Methodology For Purposes Of Determining Cost Recovery Through The Renewable Energy Rider No. 36.
PNM EXHIBIT JCA-3	Redlined Copy Of Rate 16 Special Charges.
PNM EXHIBIT JCA-4	Derivation Of Proposed Rate 16 Charges.
PNM EXHIBIT JCA-5	Redlined Copies Of Existing Tariffs PNM Is Proposing To Modify In This Proceeding.

AFFIDAVIT

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I. INTRODUCTION AND PURPOSE

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Julio C. Aguirre and my business address is Public Service Company of New Mexico (“PNM” or “Company”), 414 Silver SW, Mail Stop 1115, Albuquerque, NM 87102.

Q. PLEASE DESCRIBE YOUR CURRENT POSITION AT PNM AND PROVIDE YOUR PROFESSIONAL WORK EXPERIENCE.

A. I have worked at PNM since November 2010 as a Senior Pricing Analyst in the Pricing and Regulatory Services Department, where I am responsible for providing rate design, pricing analysis, and marginal costing in support of PNM corporate, regulatory, and marketing objectives. Prior to assuming my current responsibilities at PNM, I worked as an Economist for the Regulatory Operations Staff of the Public Utilities Commission of Nevada.

Q. HAVE YOU PROVIDED TESTIMONY IN OTHER CASES BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION (“NMPRC” OR “COMMISSION”)?

A. Yes, I have. I have previously filed testimony in support of PNM’s applications in Case Nos. 12-00100-UT, 13-00113-UT and 12-00007-UT and 14-00111-UT. I have also provided expert witness testimony before the Public Utilities Commission of

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1 Nevada in various regulatory proceedings. A statement of my experience and
2 qualifications is attached as PNM Exhibit JCA-1.

3
4 **Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THIS**
5 **CASE?**

6 **A.** My testimony addresses three miscellaneous rate and tariff proposals. My testimony
7 will:

8 (1) Discuss the analysis comparing a functional allocation to a per kWh allocation
9 for the Renewable Energy Rider No. 36.

10 (2) Support PNM's proposed changes to Schedule 16- Special Charges

11 (3) Present and support various language changes proposed for tariffs under rate
12 schedules 2A, 2B, 3B, 3C, 4B, 5B, 15B, and 30B in accordance with PNM's
13 proposed rate design in this case. I also support the cancellation of Rate No. 23.

14 Finally, I sponsor Rule 530 Schedule O-4.
15

16 **Q. WHAT EXHIBITS ARE ATTACHED TO YOUR DIRECT TESTIMONY?**

17 **A.** I have attached the following exhibits to my testimony:

- 18 • PNM Exhibit JCA-1 – Julio C. Aguirre Statement of Qualifications.
- 19 • PNM Exhibit JCA-2 – An illustrative example that compares using a per kWh
20 allocation methodology versus a functional allocation methodology for purposes
21 of determining cost recovery through the Renewable Energy Rider No. 36.

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- 1 • PNM Exhibit JCA-3 – Redlined copy of Rate 16 Special Charges.
- 2 • PNM Exhibit JCA-4 – Derivation of proposed Rate 16 charges.
- 3 • PNM Exhibit JCA-5 – Redlined copies of existing tariffs PNM is proposing to
- 4 modify in this proceeding.

**II. FUNCTIONAL ALLOCATION FOR RECOVERY OF
RENEWABLE ENERGY RIDER COSTS**

8 **Q. PLEASE EXPLAIN WHY PNM IS DISCUSSING A FUNCTIONAL**
9 **ALLOCATION OF RENEWABLE ENERGY RIDER COSTS.**

10 **A.** In NMPRC Case No. 12-00007-UT, the Application for Approval of PNM’s
11 Renewable Energy Rider No. 36 (“Rider”), the Commission ordered PNM to file
12 testimony in its next rate case addressing: i) whether all of its costs of complying
13 with the RPS should be recovered through the Rider and, ii) whether cost recovery
14 should occur pursuant to a functional allocation, if the Company was proposing
15 continuation of the Rider. Mr. Ortiz addresses PNM’s request to continue using the
16 Rider. My testimony discusses cost recovery under the Rider using a functional
17 allocation.

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**Q. PLEASE DISCUSS HOW THIS FUNCTIONAL ALLOCATION ISSUE
AROSE IN NMPRC CASE NO. 12-00007-UT.**

A. In NMPRC Case No. 12-00007-UT, PNM argued that billing renewable energy costs on a per kWh basis improperly assumed that all recovered costs are energy costs, and ignored that some costs are related to demand.¹ PNM stated that a functional allocation should be used to properly reflect the portion of Renewable Portfolio Standard (“RPS”) compliance costs that should be allocated on a demand basis for the revenue requirements associated with the Rider. PNM explained that a functional allocation would recognize customers’ load factors, with industrial customers paying a separate demand charge. The Commission determined that the fairest way to recover renewable energy costs through the Rider may be pursuant to a functional allocation, which would recognize that some renewable energy costs should be allocated on a demand basis. However, in that case, a functional allocation was not proposed by any party or Staff and was only discussed for the first time at the hearing (not through prefiled testimony).

At hearing, it was elicited that recovery pursuant to a functional allocation could occur via an energy and demand charge or just an energy charge, but there was no testimony regarding which method would be preferable. It also was elicited that recovery pursuant to a functional allocation would result in different rate riders

¹ In NMPRC Case No. 12-00007-UT, the Commission ultimately adopted use of a per kWh basis for purposes of calculating the Renewable Energy Rider charges. PNM initially proposed a percentage of bill calculation for the Renewable Energy Rider.

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1 for each class, but there was no testimony regarding the advantages or
2 disadvantages associated with class-specific rate riders. With unanswered
3 questions about a functional allocation, the Commission determined that, if and
4 when PNM proposes continuation of the Rider in its next rate case, it should file
5 testimony addressing cost recovery under the Rider pursuant to a functional
6 allocation.

7
8 **Q. HAS PNM EVALUATED THE USE OF A FUNCTIONAL ALLOCATION**
9 **FOR THE COSTS ASSOCIATED WITH THE RIDER PURSUANT TO**
10 **NMPRC’S FINAL ORDER IN CASE NO. 12-00007-UT?**

11 **A.** Yes. PNM Exhibit JCA-2 presents the calculations for the projected 2016 Rider that
12 compares the current per kWh allocation methodology to a functional allocation
13 methodology. The functional allocation calculations presented in PNM Exhibit JCA-
14 2 separates the revenue requirements associated with the projected 2016 renewable
15 energy costs into two categories: (1) the procurement of bundled and unbundled
16 renewable energy and renewable energy credits (“RECs”); and (2) the revenue
17 requirements resulting from renewable energy plant investments (PNM-owned
18 facilities). Under the functional approach, the first category of costs is allocated to
19 all retail classes using retail sales (kWh). The second category uses the coincident
20 peak demand of retail classes, recognizing that some renewable energy costs should

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1 be allocated on a demand basis consistent with the discussion in Case No. 12-00007-
2 UT.

3
4 **Q. WHAT IS THE RESULTING RIDER RATE FOR 2016, ALSO**
5 **DESCRIBED IN PNM EXHIBIT JCA-2?**

6 **A.** For purposes of addressing the functional allocation, PNM utilizes the projected
7 renewable energy costs for 2016 more fully described in the testimony of Mr. Henry
8 Monroy. Additionally, PNM assumes that under a functional allocation, cost
9 recovery would still occur under the existing per kWh recovery method. The
10 projected revenue requirements of \$44,036,887 for renewable energy result in a
11 Rider rate of \$0.0059810 per kWh, using the existing per kWh allocation. Under a
12 functional allocation, there will be different rates applied to each rate class. These
13 Rider rates would vary from \$0.0002289 per kWh to \$0.0064657 per kWh. PNM
14 Exhibit JCA-2 shows the Rider rates applicable to each customer class.

15
16 **Q. IS THE COMPANY PROPOSING TO SUBSTITUTE THE CURRENT**
17 **PER KWH APPROACH WITH A FUNCTIONAL ALLOCATION?**

18 **A.** No. For several reasons, PNM requests continuation of the per kWh allocation
19 methodology for recovery of renewable costs through the Rider. First, the use of a
20 volumetric methodology (kWh) for the allocation and recovery of renewable energy
21 costs aligns with the New Mexico's RPS, which has been set as a percent of retail

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1 sales. Second, as PNM Exhibit JCA-2 demonstrates, the functional allocation shifts
2 more costs to the Residential and Small Power classes, which already are
3 experiencing a higher increase in this proceeding, compared to other classes.
4 Furthermore, certain non-residential customers have bill impact protection for
5 renewable energy costs as a result of the Large Customer cap. Therefore, regardless
6 of the allocation methodology, their share of renewable costs will remain the same.²
7 Also, the current method of using per kWh allocation has been in place since August
8 2012, and customers and other stakeholders are familiar with the method. Finally,
9 the per kWh allocation methodology is simple to calculate, while a functional
10 allocation will require the utilization of coincident peak demand data from individual
11 customers. These individual coincident peaks can be difficult to calculate with
12 accuracy due to the uncertainty of system peak occurrences, particularly due to the
13 prospective nature of the Rider.

III. RATE NO. 16 MODIFICATIONS

16 **Q. WHAT ARE PNM'S PROPOSED CHANGES TO RATE NO. 16?**

17 **A.** PNM proposes the following additions or modifications to the Rate No. 16 tariff:

- 18 1. New charges and provisions for services that are currently not included in Rate
19 No. 16;
- 20 2. Modified charges for existing services based on updated cost data; and,

² Pursuant to NMSA 1978 § 62-16-4(A)(2), RPS compliance costs for certain large customers is capped.

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1 3. Wording changes to Rate No. 16 to clarify how the existing charges are applied.

2
3 A redlined copy of the proposed tariff Rate 16 – Special Charges is attached in
4 PNM Exhibit JCA-3.

5
6 **Q. WHAT ARE RATE NO. 16 – SPECIAL CHARGES?**

7 **A.** The charges provided under Rate No. 16 – Special Charges are applicable to
8 customers who have requested any of the miscellaneous services described in this
9 tariff. Alternatively, Rate No. 16 can apply to customers whose actions or inactions
10 warrant application of such charges.

11
12 **Q. WHAT IS THE PURPOSE OF RATE NO. 16 – SPECIAL CHARGES?**

13 **A.** PNM collects miscellaneous charges from customers in exchange for performing
14 services not covered under typical electric service tariffs. The purpose of these
15 charges is to recover the reasonable cost that PNM incurs to provide these services.
16 In some cases, Rate No. 16 charges are used to discourage certain undesirable
17 customer behavior, such as meter tampering.

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1 **Q. PLEASE EXPLAIN WHY PNM IS UPDATING SOME OF THE**
2 **CHARGES IN RATE NO. 16.**

3 **A.** As one would expect, over time the cost of providing these miscellaneous services
4 has increased. Therefore, PNM must update the rates so that the amounts charged to
5 the customers benefiting from these services are in line with actual expenses. This
6 update assures that the costs to provide these miscellaneous services are not borne by
7 all customers, but by the cost-causers.

8
9 **Q. IS PNM ALSO PROPOSING LANGUAGE CHANGES TO RATE NO. 16?**

10 **A.** Yes, PNM proposes changes to the language in Rate No. 16 to clarify the intended
11 purpose of the charges assessed via this tariff. Please see PNM 530 Schedule O-4
12 for a complete explanation of these language changes.

13
14 **Q. PLEASE SUMMARIZE THE UPDATES TO THE CHARGES THAT PNM**
15 **IS PROPOSING TO RATE NO. 16.**

16 **A.** PNM is proposing to add two (2) new charges and modify the amounts assessed for
17 six (6) existing charges. The following chart provides a summary of the
18 modifications to the charges that PNM is proposing to Rate No. 16.

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	Description	Proposed	Current
New Charges	Off-site Meter Reading (OMR)		
	Meter Installation	\$ 16.00	n/a
	Reconnection at Pole/Transformer	\$ 164.00	n/a

	Description	Proposed	Current
Changes to Existing Charges	Reconnection		
	Business Hours	\$ 11.00	\$ 0.00
	After Business Hours	\$ 13.00	\$ 0.00
	Collection	\$ 11.00	\$ 9.00
	Connection		
	Business Hours (service is off)	\$ 11.00	\$ 7.00
	Business Hours (service is on)	\$ 6.00	\$ 7.00
	After Business Hours	\$ 14.00	\$ 10.00

Q. HOW DID PNM CALCULATE THE PROPOSED RATE NO. 16 CHARGES?

A. PNM Exhibit JCA-4 sets forth the detailed calculation of each proposed charge. To calculate these charges, PNM assessed the actual costs to provide these services. For example, the proposed Reconnection Charge of \$11.00 (normal hours) was derived based on the cost of labor (\$9.43), using the average time for completion of the work (0.18 man-hours) for orders completed from July 1, 2013 through June 30, 2014, plus the transportation cost (\$1.13). PNM rounded the proposed charge to the nearest dollar.

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Q. DOES PNM BELIEVE THAT PROPOSED RATE NO. 16 CHARGES ARE JUST AND REASONABLE AND ADDRESS THE CONCERNS EXPRESSED BY THE COMMISSION IN CASE NO. 07-00077-UT?

A. Yes. The proposed modifications to the Company's existing charges and the two new proposed charges under Schedule 16 reflect the actual costs incurred by the Company to provide these services to customers. As shown in the example discussed above, the proposed charges include direct labor costs, transportation costs and applicable overhead loadings. The values used in each calculation, such as average time to complete transactions, are based on actual transaction data corresponding to the base period used in this rate case. As such, the proposed new Rate No. 16 charges are cost-based and reflect the actual cost PNM currently incurs to provide these services to customers.

Q. HOW DO PNM'S PROPOSED RATE NO. 16 CHARGES COMPARE TO THOSE OF OTHER ELECTRIC INVESTOR-OWNED UTILITIES ("IOUS") ALSO SERVING IN NEW MEXICO?

A. PNM Exhibit JCA-4 at page 7 shows a comparison of some of PNM's proposed charges to other electric IOUs in the State. Overall, PNM's proposed charges are reasonable when compared to other electric utilities serving New Mexico.

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Q. HOW DO THESE PROPOSED RATE NO. 16 CHARGES COMPARE TO THE CUSTOMER-RELATED COSTS BEING CAPTURED THROUGH PNM'S PROPOSAL TO MODIFY ITS CUSTOMER CHARGE?

A. A central theme of PNM's rate design proposals in this case is to increase recovery of its fixed costs. Like the proposed Rate No. 16 cost-based rates, PNM also is proposing to collect from customers its fixed customer-related costs, which include the cost of customer service, the customer meter, customer meter reading, customer billing and other customer-related costs. These fixed customer-related costs are for standard or normal activities undertaken on behalf of customers. To the contrary, Rate No. 16 charges are meant to recover extraordinary or special tasks that PNM needs to undertake for its customers. For example, while the customer charge will recover customer meter reading, it is not meant to cover a special Off-Site Meter Reading ("OMR") meter installation (discussed below) for those situations when PNM has access issues associated with typical meter reading. Additionally, the revenue collected under Rate No. 16 is credited against the revenue requirement included in base rates. As such, PNM is not over recovering from customers by separately charging for these Rate No. 16 services.

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Q. PLEASE EXPLAIN THE NEW OFFSITE METER READING (“OMR”) METER INSTALLATION CHARGE THAT PNM IS PROPOSING IN THIS CASE.

A. PNM proposes an off-site meter reading (“OMR”) meter installation charge to directly recover the costs associated with installing an OMR meter for a customer. PNM installs OMR meters for certain customers to resolve access issues where the customer has denied or failed to provide PNM access to the meter. The proposed OMR charge will apply to customers who have either: (1) requested an OMR meter; or (2) are required by New Mexico Administrative Code (“NMAC”) to have an OMR meter installed as a result of access issues. PNM does not believe that other customers should bear the OMR meter installation costs.

Q. PLEASE EXPLAIN THE NEW RECONNECTION AT THE POLE/TRANSFORMER CHARGE THAT PNM IS PROPOSING.

A. PNM proposes a charge to directly assess the costs associated with a reconnection at the pole/transformer for customers who have been disconnected at the pole/transformer for non-payment or failure to allow PNM access to its facilities.

Reconnections at the pole/transformer are significantly more expensive to perform than reconnections of service at the meter because it requires the dispatch of a line crew, rather than the work being performed by a meter technician. As a

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1 result, PNM's typical reconnection charge does not cover the costs associated
2 with a reconnection at the pole/transformer. In order for PNM to perform a
3 reconnection at the pole/transformer, PNM must dispatch two linemen and a
4 bucket truck to perform the reconnection.

5
6 PNM notes that if a customer is due for disconnection, PNM will have notified
7 the customer to rectify the situation before the disconnection at the
8 pole/transformer is performed.

9
10 **IV. TARIFF HOUSEKEEPING CHANGES**

11 **Q. IS THE COMPANY MAKING ANY OTHER PROPOSED**
12 **MODIFICATIONS TO ITS TARIFFS?**

13 **A.** Yes. PNM is making several minor proposals to its tariff provisions. The details of
14 the tariff changes are outlined in 530 Schedule O-4.

15
16 **Q. CAN YOU EXPLAIN GENERALLY WHAT PNM IS TRYING TO**
17 **ACCOMPLISH WITH THESE HOUSEKEEPING CHANGES?**

18 **A.** PNM believes certain language changes are warranted to clarify the qualification
19 criteria under which a commercial customer should be served. While PNM makes
20 its best efforts to place its customers in the most advantageous rate schedule for
21 which customers qualify, it is important on a going-forward basis to clarify the

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1 language in certain rate schedules such that all ambiguity is eliminated.
2 Additionally, the tariffs must provide a clear path for customers to move from one
3 rate class to another, such that as customers grow or expand, they will be able to
4 understand and assess their progression to different rates schedules, and in most
5 cases, take advantage of more economical rate offerings.
6

7 **Q. WHAT IS THE COMPANY SPECIFICALLY PROPOSING WITH**
8 **RESPECT TO SMALL POWER SCHEDULES 2A AND 2B?**

9 **A.** Under the current Small Power Schedules 2A/2B, there is an ambiguity in the
10 qualification criteria when compared to General Power Schedule 3B/3C. Currently,
11 certain customers meeting the consumption threshold (i.e., having less than 50kW
12 and/or 15,000kWh in a month) for three to nine months can qualify for service under
13 both Small and General Power Schedules. This makes it difficult for customers to
14 select, and for the Company to determine, the appropriate applicable rate schedule.
15 PNM's proposed language clarifies the eligibility criteria for customers to be served
16 under the Small Power Schedules 2A/2B. Specifically, these customers will be
17 required to maintain the usage threshold for at least 10 months in order to qualify for
18 Schedules 2A/2B. Details regarding the modifications to the 2A and 2B rate
19 schedules are provided in 530 Schedule O-4.
20

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**Q. IS PNM ADDRESSING THE SAME ISSUE WITH RESPECT TO
GENERAL POWER SCHEDULES 3B AND 3C?**

A. Yes, as with Schedules 2A/2B, there is ambiguity in the qualification criteria for General Power. Currently, certain customers meeting the consumption threshold (i.e., having more than 50kW and/or 15,000kWh in a month) for three to nine months can qualify for service under both Schedules, making it difficult for customers to select, and for the Company to determine, the appropriate applicable rate schedule. PNM's proposed language clarifies the eligibility criteria for customers to be served under General Power Schedules 3B/3C. Specifically, these customers will be required to maintain the usage threshold for at least 3 months in order to qualify for General Power schedules 3B/3C. Details regarding the modifications to the 3B and 3C rate schedules are provided in 530 Schedule O-4.

**Q. IS PNM ADDRESSING OTHER QUALIFICATION CRITERIA WITH
RESPECT TO GENERAL POWER SCHEDULES 3B AND 3C?**

A. Yes. Under the current General Power TOU (3B) and General Power (Low Load Factor) TOU (3C) rates, customers meeting the usage threshold could qualify under either rate schedule based on their load factor. In order to add certainty to the application of these rate schedules, PNM is modifying the tariff language to provide a clear set of criteria to determine customer eligibility for service, which is a function of the customer's billable load factor. The proposed changes for Schedule

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1 3B and 3C will in fact correspond with PNM's proposed rate design, which will
2 maintain the existing economics of the General Power rate schedule. Schedule 3B
3 will remain as the more attractive alternative for qualifying customers with a 35% or
4 better load factor, while Schedule 3C will be a better alternative for qualifying
5 customers with a less than 35% load factor. Details regarding the modifications to
6 the 3B and 3C rate schedules are provided in 530 Schedule O-4.

7
8 **Q. PLEASE EXPLAIN THE COMPANY'S PROPOSAL TO SEPARATE**
9 **MINIMUM DEMAND FROM CUSTOMER CHARGES.**

10 **A.** Under current tariffs, PNM collects the customer's minimum demand in the
11 customer charge for all customer classes that have a demand charge. The proposed
12 tariff modifications will separately identify customer charges and minimum demand
13 charges for the applicable schedule. Customers who are billed demand charges will
14 pay at least the minimum demand set in the specific schedule times the demand rate,
15 along with the applicable customer charge. Thus, under PNM's proposal, the
16 minimum demand along with the remaining demand charges will appear together on
17 a line item in customers' bills, separate from the customer charge. PNM believes
18 that this proposal will result in increased transparency and will aid customers'
19 understanding of their electric bills. Additionally, separating customer charge from
20 the minimum demand helps establish a clear price signal for these larger customers,

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1 which can support economic efficiency in energy usage. PNM's existing Schedules
2 3B, 3C, 4B, 5B, 15B, 30B and 33B will be affected by this proposed tariff change.

3
4 **Q. IS THE COMPANY FILING A REVISED LARGE POWER FOR**
5 **STATION SERVICE (SCHEDULE 33B) TARIFF IN THIS CASE?**

6 **A.** Yes. PNM is filing revisions to the proposed Schedule 33B filed under NMPRC
7 Case No. 14-00102-UT. The revisions to this schedule include updated rates to
8 reflect the future test year cost allocation and proposed rate design for this class. The
9 revisions also incorporate expected changes to Schedule 33B consistent with the
10 Uncontested Stipulation filed in NMPRC Case No. 14-00102-UT. PNM
11 understands that the NMPRC has not yet approved this Uncontested Stipulation. If
12 further language revisions or other modification are required for Schedule 33B, the
13 Company will make these revisions accordingly. Schedule 33B is included in PNM
14 Exhibit JCA-5.

15
16 **Q. IS THE COMPANY PROPOSING TO ELIMINATE ANY TARIFFS AS**
17 **PART OF THE TARIFF HOUSEKEEPING?**

18 **A.** Yes. PNM is proposing to eliminate Rate No. 23, Special Contract Service for
19 Large Customers.

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1 **Q. WHY DOES THE COMPANY BELIEVE IT IS REASONABLE TO**
2 **ELIMINATE RATE 23?**

3 **A.** Since this rate was implemented on September 1, 2003 in NMPRC Case No. 3137,
4 only one customer has expressed interest in this rate. Actually, PNM was not
5 offering annual enrollment in Rate 23 when that customer made inquiries given that
6 PNM did not experience any incremental load, as measured by the system peak load,
7 in that particular year. Under the existing provisions of Rate 23, year-to-year
8 incremental load determines whether it can offer annual enrollment in Rate 23. As
9 such, no customer has ever taken service under this tariff.

10
11 Furthermore, this tariff is not attractive to customers because it transfers
12 significant risk to them. For example, if the market price for energy contracted
13 under Rate 23 would spike, customers will never be able to move back to retail
14 service. Given the lack of interest in the tariff and the customer risks imposed by
15 the tariff provisions, it is appropriate to eliminate this schedule in this case.

16
17 **Q. DO PNM'S PROPOSED CHANGES TO EXISTING TARIFFS HAVE ANY**
18 **ADVERSE EFFECT ON CUSTOMERS?**

19 **A.** No. PNM's proposed language changes merely elucidate and help enforce the
20 qualification criteria required for receiving service under the existing Small Power
21 and General Power rate classes. Furthermore, the proposed changes to separate the

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1 minimum demand from the customer charge in fact provides more transparency of
2 the company's rates, offer a clear price signal and facilitates customer's
3 understanding of their electric bill. Since no customer receives service under Rate
4 23, there is no adverse impact to any customer by eliminating the rate schedule.

5
6 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

7 **A. Yes.**

GCG#518979

Experience and qualifications

PNM Exhibit JCA-1

Is contained in the following 3 pages

JULIO C. AGUIRRE

EXPERIENCE AND QUALIFICATIONS

CURRENT POSITION: *Senior Pricing Analyst*, Pricing and Regulatory Services. Public Service Company of New Mexico (PNM)

EDUCATION:

B.S. International Economics, Autonomous University of Chihuahua (UACH), 2005.

M.A. Economics, *Specialization in Public Utility Policy & Regulation*. New Mexico State University (NMSU), 2007.

MBA, *Financial Management*. Anderson School of Management. University of New Mexico (UNM) Expected 2015.

EXPERIENCE:

Senior Pricing Analyst, Public Service Company of New Mexico (PNM). (11/2010-Present)

Economist, Regulatory Operations Staff, Public Utilities Commission of Nevada. (12/2009-11/2010).

Senior Utility Analyst, Regulatory Operations Staff, Public Utilities Commission of Nevada. (09/2007-11/2009)

Research Assistant, Center for Personal Finance and Economic Education (CEPFE), New Mexico State University (NMSU). (01/2006-06/2007)

Research Associate, Research Institute for Economic and Technological Development (IIDEyT), Chihuahua Mexico. (01/2002-05/2005)

PREVIOUS TESTIMONY

Proceeding	Regulatory Body	Docket No.
Application of Sierra Pacific Power Company for authority to begin to recover the costs of constructing the new Tracy Combined Cycle Unit and other plant additions and costs of service through an increase of its annual revenue requirement for general rates charged to all classes of electric customers and for relief properly related	Public Utilities Commission of Nevada	07-12001
Application of Nevada Power Company for approval of its 2008 Annual Demand Side Management Update Report as it relates to the Action Plan of its 2007-2026 Integrated Resource Plan.	Public Utilities Commission of Nevada	08-08011
Application of Sierra Pacific Power Company filed under Advice Letter No. 490-E to revise the Statement of Rates and Interruptible Irrigation Service Schedule No. IS-2 to increase the IS-2 rate and establish the Peak Period Non-Curtailment Penalty rate.	Public Utilities Commission of Nevada	08-10043
Application of Nevada Power Company for authority to increase its annual revenue requirement for general rates charged to all classes of customers to recover costs of acquiring the Bighorn Power Plant, constructing the Clark Peakers, environmental retrofits, and other generating, transmission, and distribution plant additions; to reflect changes in cost of service; and for relief properly related thereto.	Public Utilities Commission of Nevada	08-12002
Application of Southwest Gas Corporation for authority to increase its rates and charges for natural gas service for all classes of customers in Southern and Northern Nevada.	Public Utilities Commission of Nevada	09-04003
Application of Sierra Pacific Power Company d/b/a NV Energy filed under Advice Letter No. 503-E to revise Interruptible Irrigation Service Schedule No. IS-2 to increase the IS-2 rate and decrease the Peak Penalty rate.	Public Utilities Commission of Nevada	09-09020
Application of Nevada Power Company d/b/a NV Energy for approval of its 2010-2029 Triennial Integrated Resource Plan.	Public Utilities Commission of Nevada	10-02009

Annual Report of Nevada Power Company d/b/a NV Energy and Sierra Pacific Power Company d/b/a NV Energy on compliance with the Portfolio Standard for Renewable Energy for Compliance Year 2009.	Public Utilities Commission of Nevada	10-04002
Application of Sierra Pacific Power Company d/b/a NV Energy for authority to increase its annual revenue requirement for general rates charged to all classes of electric customers and for relief properly related thereto.	Public Utilities Commission of Nevada	10-06001
Application of Sierra Pacific Power Company d/b/a NV Energy for authority to increase its annual revenue requirement for general rates charged to all classes of gas customers and for relief properly related thereto.	Public Utilities Commission of Nevada	10-06002
Application of Sierra Pacific Power Company d/b/a NV Energy for approval of its 2011-2030 Triennial Integrated Resource Plan.	Public Utilities Commission of Nevada	10-07003
In the Matter of the Application of Public Service Company of New Mexico for Approval of the City of Santa Fe 2012 Underground Project Rider pursuant to Advice Notice No. 447.	New Mexico Public Regulation Commission	12-00100-UT
In the Matter of the Public Service Company of New Mexico's Advice Notice No. 471 and Request for Variance (Energy Efficiency Reconciliation).	New Mexico Public Regulation Commission	13-00113-UT
In the Matter of the Application of Public Service Company of New Mexico for Approval of Renewable Energy Rider No. 36 Pursuant to Advice Notice No. 439 and for Variances from Certain Filing Requirements.	New Mexico Public Regulation Commission	12-00007-UT
In the Matter of the Application of Public Service Company of New Mexico 's Advice Notice No. 490 and Request for Variance related to the Reconciliation of Energy Efficiency Costs, Revenues and Profit Incentives.	New Mexico Public Regulation Commission	14-00111-UT

An illustrative example that compares using a per kWh allocation methodology versus a functional allocation methodology for purposes of determining cost recovery through the Renewable Energy Rider No. 36

PNM Exhibit JCA-2

Is contained in the following 4 pages.

A B C D E F G H

Projected Renewable Energy Rider No. 36 at \$44,036,887 (Calendar Year 2016): Per kWh vs. Functional Revenue Allocation

Line No.	Consolidated Rate Class	Current Method Per kWh Allocation		Alternative Method Functionalized Allocation		Difference	%
		Revenue Allocated on Per kWh Basis	Renewable Energy Rider Rate per kWh	Revenue Allocated on a Functional Basis	Renewable Energy Rider Rate per kWh		
1	1 - Residential	\$19,190,833	\$0.0059810	\$20,746,169	\$0.0064657	\$1,555,336	8.10%
2	2 - Small Power	\$5,427,559	\$0.0059810	\$5,602,067	\$0.0061733	\$174,508	3.22%
3	3 - General Power	\$11,545,029	\$0.0059810	\$10,645,472	\$0.0055150	-\$899,557	-7.79%
4	4 - Large Power	\$5,392,659	\$0.0059810	\$4,916,709	\$0.0043454	-\$475,950	-8.83%
5	5 - Large Service for Customers >=8,000kW	\$126,389	\$0.0059810	\$126,389	\$0.0014696	\$0	0.00%
6	10 - Irrigation	\$154,281	\$0.0059810	\$139,667	\$0.0054145	-\$14,614	-9.47%
7	11 - Wtr/Swg Pumping	\$1,000,712	\$0.0059810	\$725,559	\$0.0043365	-\$275,152	-27.50%
8	15 - Universities 115 kV	\$406,613	\$0.0059810	\$373,725	\$0.0054972	-\$32,888	-8.09%
9	30 - Manufacturing (30 MW)	\$110,479	\$0.0059810	\$110,479	\$0.0002289	\$0	0.00%
10	33 - Large Service for Station Power	\$19,423	\$0.0059810	\$13,366	\$0.0041160	-\$6,056	-31.18%
11	34 - Large Power Service >=3,000kW	\$267,309	\$0.0059810	\$267,309	\$0.0011327	\$0	0.00%
12	6 - Private Lighting	\$96,636	\$0.0059810	\$89,939	\$0.0055665	-\$6,697	-6.93%
13	20 - Streetlighting	\$298,965	\$0.0059810	\$280,036	\$0.0056023	-\$18,930	-6.33%
14	Total	\$ 44,036,887		\$ 44,036,887		\$ 0	

Assumptions:

1. Coincident kW for large customers in Schedule 4B subject to cap were derived as a proportion of each customer's sales to total class' sales
2. Revenues for large customers subject to cap were increased by proposed class average increase
3. Revenue from capped customers is allocated proportionally between energy and demand related costs

Projected Renewable Energy Rider No. 36 at \$44,036,887 (Calendar Year 2016): Per kWh Revenue Allocation

Est. Renewable Energy Rider Annual Revenue Requirement [A] **\$44,036,887**

Source: HEM-1, line 12

Line No.	Consolidated Rate Class [B]	2016 Projected Bills [C]	2016 Total Projected Sales (kWh) [D]	Revenue from Capped Customers		Revenue from Non-Capped Customers				Avg. Annual Rider Charge [K] = [J] / [C] * 12
				2016 Projected Sales of Capped Customers (kWh) [E] = (A) on p. 4, lines 1-27	2016 Revenue with Caps (See p. 2, Column (C) line 27) [F] = Σ(\$110,479 or 2% of Revenues of Capped Customers)	Revenue from Non-Capped Customers [G] = [A] - Σ[F]	2016 Projected Sales of Non-Capped Customers (kWh) [H] = [D] - [E]	2016 Renewable Energy Rider Rate [I] = [G] / Σ[H]	Total Recovery Allocated on Per kWh Basis [J] = [F] + [H] * [I]	
1	1 - Residential	5,495,445	3,208,643,660	0	\$0	\$ 43,072,412	3,208,643,660	\$ 0.0059810	\$ 19,190,833	\$41.91
2	2 - Small Power	634,785	907,469,792	0	\$0		907,469,792	\$ 0.0059810	\$ 5,427,559	\$102.60
3	3 - General Power	52,002	1,930,290,534	0	\$0		1,930,290,534	\$ 0.0059810	\$ 11,545,029	\$2,664.13
4	4 - Large Power	2,594	1,131,474,613	306,800,000	\$460,297		824,674,613	\$ 0.0059810	\$ 5,392,659	\$24,943.83
5	5 - Large Service for Customers >=8,000kW	24	86,000,000	86,000,000	\$126,389		0	\$ 0.0059810	\$ 126,389	\$63,194.69
6	10 - Irrigation	3,792	25,795,279	0	\$0		25,795,279	\$ 0.0059810	\$ 154,281	\$488.26
7	11 - Wtr/Swg Pumping	1,884	167,315,661	0	\$0		167,315,661	\$ 0.0059810	\$ 1,000,712	\$6,373.96
8	15 - Universities 115 kV	12	67,984,267	0	\$0		67,984,267	\$ 0.0059810	\$ 406,613	\$406,612.54
9	30 - Manufacturing (30 MW)	12	482,610,203	482,610,203	\$110,479		0	\$ 0.0059810	\$ 110,479	\$110,479.00
10	33 - Large Service for Station Power	12	3,247,400	0	\$0		3,247,400	\$ 0.0059810	\$ 19,423	\$19,422.63
11	34 - Large Power Service >=3,000kW	48	236,001,800	236,001,800	\$267,309		0	\$ 0.0059810	\$ 267,309	\$66,827.31
12	6 - Private Lighting	N/A	16,157,184	0	\$0		16,157,184	\$ 0.0059810	\$ 96,636	N/A
13	20 - Streetlighting	N/A	49,986,012	0	\$0		49,986,012	\$ 0.0059810	\$ 298,965	N/A
14	Total	6,190,610	8,312,976,406	1,111,412,003	\$964,474		7,201,564,403		\$ 44,036,887	

Total Per kWh Rider No. 36 **\$ 0.0059810** [L]

Notes:

-Analysis incorporates capped customers per the Renewable Energy Act and 17.9.572 NMAC (See page 4 of 4).

Projected Renewable Energy Rider No. 36 at \$44,036,887 (Calendar Year 2016): Functional Revenue Allocation

RECs (PPAs+Other) \$ 21,475,763 [A]

PNM Owned Facilities (Plant) \$ 22,561,124 [B]

Total Renewables (Total) \$ 44,036,887 [C] = [A] + [B]

Line No.	Consolidated Rate Class	2016 Test Year Customers	2016 Test Year Meter kWh	2016 Test Year Generation kWh	2016 Test Year Generation System Coincident kW	2016 Projected Sales of Capped Customers at Meter (kWh)	2016 Projected Sales of Capped Customers at Generation (kWh)	2016 Estimated Coincident Peak of Capped Customers (kW)	2016 Revenue of Capped Customers (See p. 2, Column (C) line 27)	Revenue from Non Capped Customers	Recovery Allocated on a Functional Basis	Renewable Energy Rider Rate per kWh
		[D]	[E]	[F]	[G]	[H] = (A) on p. 4, lines 1-27	[I] = [H] + Losses	[J] = Customers CP from [G]	[K] = $\Sigma(\$110,479 \text{ or } 2\% \text{ of Revenues of Capped Customers})$	[L] = $\frac{A \text{ or } B}{[C]} \cdot \frac{[I] - \Sigma[K]}{[C] - \Sigma[K]}$	[M] = $\frac{((([F]-[I]) \cdot (\Sigma[F] - \Sigma[I])) \cdot [\text{Net A}]) + (([G] - [J]) \cdot (\Sigma[G] - \Sigma[J])) \cdot [\text{Net B}])}{[C]}$	[N] = [M]/[E]
1	1 - Residential	5,495,445	3,208,643,660	3,467,818,223	7,789,791	0	0		\$0		\$20,746,169	\$0.0064657
2	2 - Small Power	634,785	907,469,792	980,769,639	2,021,145	0	0		\$0		\$5,602,067	\$0.0061733
3	3 - General Power	52,002	1,930,290,534	2,086,207,569	3,427,843	0	0		\$0		\$10,645,472	\$0.0055150
4	4 - Large Power	2,594	1,131,474,613	1,200,544,592	1,964,513	306,800,000	325,528,365	532,679	\$460,297	Energy	\$4,916,709	\$0.0043454
5	5 - Large Service for Customers >=8,000kW	24	86,000,000	89,820,354	141,170	86,000,000	89,820,354	141,170	\$126,389	\$ 21,005,411	\$126,389	\$0.0014696
6	10 - Irrigation	3,792	25,795,279	27,878,863	44,030	0	0		\$0		\$139,667	\$0.0054145
7	11 - Wtr/Swg Pumping	1,884	167,315,661	177,529,314	168,042	0	0		\$0		\$725,559	\$0.0043365
8	15 - Universities 115 kV	12	67,984,267	70,833,246	124,805	0	0		\$0		\$373,725	\$0.0054972
9	30 - Manufacturing (30 MW)	12	482,610,203	506,523,020	703,122	482,610,203	506,523,020	703,122	\$110,479	Demand	\$110,479	\$0.0002289
10	33 - Large Service for Station Power	12	3,247,400	3,383,487	2,886	0	0		\$0		\$13,366	\$0.0041160
11	34 - Large Power Service >=3,000kW	48	236,001,800	247,695,436	303,951	236,001,800	247,695,436	303,951	\$267,309		\$267,309	\$0.0011327
12	6 - Private Lighting	N/A	16,157,184	17,462,262	29,263	0	0		\$0		\$89,939	\$0.0055665
13	20 - Streetlighting	N/A	49,986,012	54,023,576	91,759	0	0		\$0	Total	\$280,036	\$0.0056023
14	Total	6,190,610	8,312,976,406	8,930,489,581	16,812,320	1,111,412,003	1,169,567,174	1,680,922	\$964,474	\$ 43,072,413	\$44,036,887	

Notes:

-Analysis incorporates capped customers per the Renewable Energy Act and 17.9.572 NMAC (See page 4 of 4).

Renewable Energy Rider No. 36 Estimated Charges for Large Customers

A	B	C	D	E	F
2016					
<u>Largest Customers by Schedule: RER Charges at Estimated Total RER Cap</u>					
<u>(At this rate, Non-Governmental customers with annual energy usage in excess of 18,471,660 kWh are subject to the \$110,479 annual hard cap limit)</u>					
		(A)	(B)	(C)= Lower of \$110,479 or 2% of (B)	
Line No.	Customer	Schedule	Projected Sales 2016	Projected Revenue 2016	Cap Amount Renewable Energy Rider Charges
1	A	30B	482,610,203	\$29,987,758	\$110,479
2	B	34B	64,448,000	\$3,631,738	\$72,635
3	C	5B	55,321,637	\$3,902,017	\$78,040
4	D	34B	52,092,000	\$2,878,695	\$57,574
5	E	5B	30,678,363	\$2,417,452	\$48,349
6	F	34B	40,136,000	\$2,428,127	\$48,563
7	G	34B	79,325,800	\$4,426,903	\$88,538
8	H	4B	31,000,000	\$2,157,100	\$43,142
9	I	4B	25,700,000	\$1,738,695	\$34,774
10	J	4B	23,500,000	\$1,838,335	\$36,767
11	K	4B	16,800,000	\$1,167,308	\$23,346
12	L	4B	16,300,000	\$1,121,731	\$22,435
13	M	4B	16,000,000	\$1,487,559	\$29,751
14	N	4B	15,200,000	\$1,223,129	\$24,463
15	O	4B	14,800,000	\$1,034,342	\$20,687
16	P	4B	13,300,000	\$1,070,845	\$21,417
17	Q	4B	13,200,000	\$955,657	\$19,113
18	R	4B	13,200,000	\$1,019,958	\$20,399
19	S	4B	14,400,000	\$1,004,769	\$20,095
20	T	4B	12,500,000	\$888,623	\$17,772
21	U	4B	12,000,000	\$856,012	\$17,120
22	V	4B	11,600,000	\$708,031	\$14,161
23	W	4B	11,700,000	\$829,977	\$16,600
24	X	4B	11,000,000	\$757,857	\$15,157
25	Y	4B	11,500,000	\$846,319	\$16,926
26	Z	4B	10,900,000	\$984,597	\$19,692
27	AA	4B	12,200,000	\$1,323,984	\$26,480
28			1,111,412,003	\$72,687,518	\$964,474

Note: The \$99,000/Yr. Cap (adjusted by inflation) or 2% of revenues cap applies only to non-governmental customers with consumption exceeding 10 million kilowatt-hours per year, pursuant to 17.9.572.7.M. NMAC. Certain governmental customers can be exempted from the Renewable Energy Rider in accordance with 17.9.572.16 NMAC.

Renewable Energy Rider Charges for Large Customers

			2016
Line No.	Customers	Schedule	Capped Revenue from Large Customers
29	A	30B	\$110,479
30	C & E	5B	\$126,389
31	B,D,F & G	34B	\$267,309
32	H-AA	4B	\$460,297
33	Total		\$964,474

Redlined copy of Rate 16 Special Charges

PNM Exhibit JCA-3

Is contained in the following 3 pages.

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**98TH REVISED RATE NO. 16
CANCELING 87TH REVISED RATE NO. 16**

SPECIAL CHARGES

Page 1 of 3

APPLICABILITY: The rates on this Schedule are applicable to any customer who is rendered any of the services described in this Schedule. Applicable federal, state and local taxes and fees will be added to these charges. x

TERRITORY: All territory served by the Company in New Mexico.

CHARGES FOR SPECIAL SERVICE:

1. Temporary Service - For the initial establishment of any temporary 120/240 volt single phase service to any portable or nonpermanent structure, a connection charge of

\$263.00 for Overhead Service
\$50.00 for Underground Service

will be made assessed when not more than the service drop is required. x

If more than a single phase service drop is required for such temporary connections, an additional charge equal to the cost that is in excess of the cost of the service drop shall be paid by the customer.

2. Collection Charge - If the customer does not pay for electric service furnished within the time specified in the applicable rate schedule, the Company may, after notice is given to the Customer customer, make assess a collection charge of x

\$911.00 x

in the event it is necessary for the Company to collect or make payment arrangements away from the Company's established office.

3. Reconnection Charge - Whenever service is discontinued for nonpayment of charges, nonuse, or similar reasons as defined in Rule ~~10~~ the Company's rules on file with the NMPRC in the usual course of business, a charge of x

\$011.00 x

may be made assessed by the Company to cover the cost of reconnecting service when it is again requested if reconnection is made during normal Company business hours. If the ~~Customer~~ customer requests reconnection of service after normal business hours and the Company's schedule can accommodate such request, then a charge of x

\$013.00 x

may be made assessed by the Company for such special service. x

Advice Notice No. 425507

Gerard Ortiz
Executive Director, NM Retail Regulatory Services
GGG#512364

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

98TH REVISED RATE NO. 16
CANCELING 87TH REVISED RATE NO. 16

SPECIAL CHARGES

Page 2 of 3

4. Charge for Returned Check or Bank Draft Payment - The Company may apply a charge ☒ of

\$15.00

to the Customer's ~~customer's~~ account balance in the event the Customer's ~~customer's~~ check or bank draft payment is returned for insufficient funds to the Company unpaid. ☒

5. Customer Deposit - A deposit, when required, shall not exceed an amount equal to one-sixth (1/6) of the estimated annual billings or not more than one and one-half (1-1/2) times the estimated maximum monthly bill. Simple interest on deposits at the rate not less than the rate required by law shall accrue annually to the Customer's credit for the time the deposit is held by the Company. The deposit shall cease to draw interest on the date it is returned, on the date service is terminated, or on the date the refund is sent to the Customer's last known address. ☒

65. Charge for Meter Test - Upon request by a Customer ~~customer~~ the Company shall make a test of the meter serving him the customer. If the meter has been tested within the last 18 months, the Company may charge the Customer ~~customer~~. ☒

\$21.00

for making ~~such a~~ the test, such charge to be refunded to the Customer ~~customer~~ whenever the meter proves to be in excess of two percent in error. ☒

76. Connect Charge - For the initial establishment of any new customer account during regular business hours where service is off, a connect charge of \$711.00 will be made assessed by the Company to cover the costs incurred in establishing a new customer account. If the New customer requests establishment of a new customer account orders worked after normal business hours and the Company's schedule can accommodate such request, then a charge of will be billed at \$4014.00 will be assessed. ☒

For the initial establishment of any new customer account during regular business hours where service is already on, a charge of \$6.00 will be assessed by the Company ☒

87. Line Extension Estimate - A cost of \$57.00 per hour may be charged for the preparation of a formal, binding cost estimate for line extension construction or maintenance or related work to be performed at the customer's request, over and beyond the non-binding budgetary estimate routinely given at no cost. Each formal estimate is binding upon PNM for thirty (30) days. If the customer accepts the formal cost estimate and agrees to have PNM perform the work described in the work order estimate, the total cost of the estimate will be applied to reduce the customer's contribution to perform the job related work.

Advice Notice No. 425507

Gerard Ortiz
Executive Director, NM Retail Regulatory Services
GCG#512364

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

PNM Exhibit JCA-3
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98TH REVISED RATE NO. 16
CANCELING 87TH REVISED RATE NO. 16

SPECIAL CHARGES

Page 3 of 3

98. Tampering Charge – In cases of meter tampering, bypassing or diversion of a meter, an amount of \$200.00 shall be charged in addition to the amount due for usage and other charges as applicable. The customer shall be charged for all material and equipment necessary to repair or replace all Company equipment damaged due to meter tampering, ~~of~~ bypassing or other service diversion, and other costs necessary to correct service diversion where there is no damage to Company equipment damage, including incidents where service is reconnected without authority. An itemized bill of such charges must be provided to the customer. x
409. Late Payment Charge - All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional charge of 0.667 percent per month to the total balance in arrears, excluding gross receipts tax. Partial payment of amount due by ~~Customer~~ customer is applied first to oldest bill, including any other fees or charges assessed, if any, before any amount is applied to current bill. Customers qualifying to receive assistance pursuant to the LIHEAP program are exempt from the application of any late payment charges. x
10. Charge for Reconnection at the Pole/Transformer – Whenever service is disconnected at the pole/transformer for nonpayment of charges, nonuse, inability to access or other reasons as defined in the Company's rules on file with the NMPRC, a charge of \$164.00 shall be assessed by the Company to reconnect service at the pole/transformer. x
x
x
x
11. OMR Meter Installation Charge – In the event a structure is built so that the meter location is inaccessible or the meter becomes inaccessible to Company employees due to locked gates, customer pets or for any reason under the control of the customer and not by the Company, a charge of \$16.00 will be assessed for the installation of a remote meter reading device. x
x
x
x
x

Advice Notice No. 425507

Gerard Ortiz
Executive Director, NM Retail Regulatory Services
GGC#512364

Derivation of proposed Rate 16 charges.

PNM Exhibit JCA-4

Is contained in the following 7 pages.

#1 OMR Meter Installation Charge

Line #				
1				
2				
3				\$30.29 Avg Flat Rate
4				\$35.03 w/ Time Off Allowance
5				\$48.38 w/ Payroll
6				\$52.41 w/ A&G
7	Loaded Labor Rate (Line 5)		\$52.41	per man-hour
8		x		
9	Time per Meter Exchange		0.27	man-hours
10				
11				
12	Labor Cost (Line 7 x Line 9)		\$ 14.15	per Meter Install
13				
14		Plus		
15				
16	Transportation Rate		\$ 6.27	per hour
17		x		
18	Time per Meter Exchange		0.27	man-hours
19				
20	Transportation Cost (Line 16 x Line 18)		\$ 1.69	per Meter Install
21				
22				
23	TOTAL OMR METER INSTALLATION COST : (Line 12 + Line 20)		\$ 15.84	Note: Meter cost excluded.
24				
25	PROPOSED RATE/FEE:		\$ 16.00	

#2 Reconnect at Pole/Transformer Charge

Line #					
1					\$37.72 Avg Flat Rate
2					\$43.62 w/ Time Off Allowance
3					\$60.25 w/Payroll
4					\$65.26 w/ A&G
5	Loaded Labor Rate (Line 4 x 2)		\$ 130.52	per man-hour	
6		x			
7	Time per Reconnect		1.03	man-hours	
8					
9					
10	Labor Cost (Line 5 x Line 7)		\$ 134.44	per Reconnect at Pole or transformer	
11					
12		Plus			
13					
14	Transportation Rate		\$ 28.44	per hour	
15		x			
16	Time per Reconnect		1.03	man-hours	
17					
18	Transportation Cost (Line 14 x Line 16)		\$ 29.29	per Reconnect at Pole or Transformer	
19					
20					
21	TOTAL RECONNECT AT THE POLE/TRANSFORMER COST :		\$ 163.73	Note: Reconnection at Pole or Transformer	
22	(Line 10 + Line 18)				
23					
24					
25	PROPOSED RATE/FEE:		\$ 164.00		
26					
27					

#3 Reconnection Charge 31c order (Reconnect after Non-payment)

Line #	Normal Hours Charge:				
1	Loaded Labor Rate (Line 4)		\$52.41	per man-hour	\$30.29 Avg Flat Rate
2		x			\$35.03 w/ Time Off Allowance
3	Time per Reconnection		0.18	man-hours	\$48.38 w/Payroll
4					\$52.41 w/ A&G
6	Labor Cost (Line 1 x Line 3)		\$ 9.43	per Reconnection	
7		Plus			
8					
9	Transportation Rate		\$ 6.27	per hour	
10		x			
11	Time per Reconnection		0.18	man-hours	
12					
13	Transportation Cost (Line 9 x Line 11)		\$ 1.13	per Reconnection	
14					
15	TOTAL Reconnection cost: (Line 6 + Line 13)		\$ 10.56		
16					
17	PROPOSED RATE/FEE:		\$ 11.00		
18	After Hours Charge:				\$30.29
19					\$45.44 (x 1.5)
20	Loaded Labor Rate (Line 21)		\$67.98	per man-hour	\$62.76
21		x			\$67.98
22	Time per Reconnection		0.18	man-hours	
23					
24	Labor Cost (Line 20 x Line 22)		\$ 12.24	per Reconnection	
25					
26	Transportation Rate	Plus	6.27	per hour	
27					
28	Time per Reconnection		0.18	man-hours	
29					
30	Transportation Cost (Line 26 x Line 28)		\$ 1.13	per Reconnection	
31					
32	TOTAL Reconnection cost: (Line 24 + Line 30)		\$ 13.37		
33	PROPOSED RATE/FEE:		\$ 13.00		

#4 Collection Charge

Line #					
1					
2					
3					
4					
5					
6	Loaded Labor Rate (Line 9)		\$37.40	per man-hour	\$21.62 Avg Flat Rate
7		x			\$25.00 w/ Time Off Allowance
8	Time per Collection		0.26	man-hours	\$34.53 w/ Payroll
9					\$37.40 w/ A&G
10					
11	Labor Cost (Line 6 x Line 8)		\$ 9.72	per Collection	
12					
13		Plus			
14					
15	Transportation Rate		\$ 5.66	per hour	
16		x			
17	Time per Collection		0.26	man-hours	
18					
19	Transportation Cost (Line 15 x Line 17)		\$ 1.47	per Collection	
20					
21					
22	TOTAL Collection cost: (Line 11 + Line 19)		\$ 11.20		
23					
24	PROPOSED RATE/FEE:		\$ 11.00		
25					
26					

#5 Connect Charge (Turn On; Service is off)

Line #	Normal Hours Charge:				
1					\$30.29 Avg Flat rate
2					\$35.03 w/ Time Off Allowance
3	Loaded Labor Rate (Line 4)		\$52.41	per man-hour	\$48.38 w/Payroll
4		x			\$52.41 w/ A&G
5	Time per Connection		0.19	man-hours	
7					
8	Labor Cost (Line 3 x Line 5)		\$ 9.96	per Connection	
9					
10		Plus			
11					
12	Transportation Rate		\$ 6.27	per hour	
13		x			
14	Time per Connection		0.19	man-hours	
15					
16	Transportation Cost (Line 12 x Line 14)		\$ 1.19	per Connection	
17					
18	TOTAL Connection cost: (Line 8 + Line 16)		\$ 11.15		
19					
20	PROPOSED RATE/FEE:		\$ 11.00		
21	After Hours Charge:				
22					30.29
23	Loaded Labor Rate (Line 25)		67.98	per man-hour	45.44 (x 1.5)
24		x			62.76
25	Time per Connection		0.19	man-hours	\$67.98
26					
27	Labor Cost (Line 23 x Line 25)		12.92	per Connection	
28		Plus			
29	Transportation Rate		\$ 6.27	per hour	
30		x			
31	Time per Connection		0.19	man-hours	
32					
33	Transportation Cost (Line 29 x Line 31)		\$ 1.19	per Connection	
34					
35	TOTAL Connection Cost: (Line 27 + Line 33)		\$ 14.11		
36	PROPOSED RATE/FEE:		\$ 14.00		

#6 Connect Charge (Read Only; service is on.)

Line #			
1			
2			
3			\$ 26.65 Flat rate
4			
5			\$ 30.82 w/ Time Off Allowance
6			\$ 42.57 w/ Payroll
7			\$ 46.11 w/ A&G
8			
9			
10	Loaded Labor Rate (Line 7)	\$ 46.11 per man-hour	
11		x	
12	Time per Transfer of Service	0.12 man-hours	
13			
14			
15	Labor Cost (Line 10 x line 12)	\$ 5.53 per Transfer of Service	
16			
17		Plus	
18			
19	Transportation Rate	\$ 6.15 per hour	
20		x	
21	Time per Transfer of Service Order	0.12 man-hours	
22			
23	Transportation Cost (Line 19 x Line 21)	\$ 0.74 per Transfer of Service	
24			
25			
26	TOTAL TRANSFER OF SERVICE ORDER COST: (Line 15 + Line 23)	\$ 6.27	
27			
28	PROPOSED RATE/FEE:	\$ 6.00	

Comparison of PNM's Proposed Special Charges No. 16 vs. Other IOU's in NM

	Description	PNM's Proposed	EPE	SPS
New Charges	Off-site Meter Reading (OMR) Meter Installation	\$16.00	N/A	Based on Costs
	Reconnection at Pole/Transformer	\$164.00	\$138.00	Based on Costs
Changes to Existing Charges	Reconnection Business Hours	\$11.00	\$25.00	\$40.00
	After Business Hours	\$13.00	\$133.00	\$60.00
	Collection	\$11.00	N/A	\$10.00
	Connection			
	Business Hours (service is off)	\$11.00	\$12.00	\$0.00
	Business Hours (service is on)	\$6.00	\$12.00	\$0.00
	After Business Hours	\$14.00	\$12.00	\$60.00

Redlined copies of selected existing tariffs PNM is proposing to modify in this proceeding.

PNM Exhibit JCA-5

Is contained in the following 100 pages

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~20TH 19TH~~ REVISED RATE NO. 1A
CANCELING ~~19TH 18TH~~ REVISED RATE NO. 1A**

RESIDENTIAL SERVICE

Page 1 of 3

APPLICABILITY: The rates on this Schedule are available for single-family houses, individual farm units, individual apartments, or separate living quarters ordinarily designated and recognized as single-family living quarters for primarily domestic or home use. Service under this Schedule is not available for commercial rooming houses, multiple trailer parks, commercial, professional, or business establishments and the like, which shall be served under another applicable commercial Rate Schedule. All service shall be delivered at a single service location to be designated by the Company.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: Service available under this Schedule will normally be 120/240 volt or 120/208 volt single-phase service with single-phase motor operation being permitted where the size of individual motors does not exceed 5 HP. The following conditions of service also apply and are more fully defined in the Company's Rules and Regulations.

Three-phase service will be furnished under this Residential Rate Schedule only from existing lines on a 12-month continuous and nonseasonal basis.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION: The rate for electric service provided shall be the sum of A, B, C, D, and E:

<u>IN THE BILLING MONTHS OF:</u>	June, July and August	All Other Months	
(A) <u>CUSTOMER CHARGE:</u> (Per Metered Account)	\$5.00 12.80/Bill	\$5.00 12.80/Bill	x
(B) <u>ENERGY CHARGE:</u>			
First 450 kWh per Month	\$0.09 062370.1045693/kWh		x
\$0.09 062370.1045703/kWh			x
Next 450 kWh per Month	\$0.13 734550.1490526/kWh		x
\$0.11 851010.1294687/kWh			
All Additional kWh per Month	\$0.15 769600.1614179/kWh		
\$0.12 835200.1365885/kWh			x

Advice Notice No. ~~425~~507

Gerard T. Ortiz
Executive Director, NM Retail Regulatory Services
Vice President, PNM Regulatory Affairs

GCG#542386

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~20TH 19TH~~ REVISED RATE NO. 1A
CANCELING ~~19TH 18TH~~ REVISED RATE NO. 1A

RESIDENTIAL SERVICE

Page 2 of 3

- (C) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. ~~10-0008614-00332~~-UT. For this tariff, the base rate is ~~————\$0.02136130.0264140~~ per kWh, effective for fuel and purchased power expenses incurred beginning ~~August 21, 2011~~ January 10, 2015.

✖
X
X
X

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (D) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.
- (E) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the customer charge.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

Advice Notice No. ~~425~~507

Gerard T. Ortiz
~~Executive Director, NM Retail Regulatory Services~~
Vice President, PNM Regulatory Affairs

GCG#512386

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~20TH 19TH~~ REVISED RATE NO. 1A
CANCELING ~~19TH 18TH~~ REVISED RATE NO. 1A

RESIDENTIAL SERVICE

Page 3 of 3

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service, and shall not be resold or shared with others.

Advice Notice No. 425507

Gerard T. Ortiz

~~Executive Director, NM Retail Regulatory Services~~
Vice President, PNM Regulatory Affairs

GCG#512386

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~2019~~TH REVISED RATE NO. 1B
CANCELING ~~1918~~TH REVISED RATE NO. 1B

RESIDENTIAL SERVICE TIME-OF-USE RATE

Page 1 of 3

APPLICABILITY: The rates on this Schedule are available for single-family houses, individual farm units, individual apartments, or separate living quarters ordinarily designated and recognized as single-family living quarters for primarily domestic or home use. Service under this Schedule is not available for commercial rooming houses, multiple trailer parks, commercial, professional, or business establishments and the like, which shall be served under another applicable commercial Rate Schedule. All service shall be delivered at a single service location to be designated by the Company.

Residential customers switching from Schedule 1A to Schedule 1B and new residential customers requesting service under Schedule 1B will be required to take service under Schedule 1B for a minimum of twelve (12) consecutive months, unless service is disconnected by the customer.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: Service available under this Schedule will normally be 120/240 volt or 120/208 volt single-phase service with single-phase motor operation being permitted where the size of individual motors does not exceed 5 HP. The following conditions of service also apply and are more fully defined in the Company's Rules and Regulations.

Three-phase service will be furnished under this Residential Rate Schedule only from existing lines on a 12-month continuous and nonseasonal basis.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, and F below. On-Peak period is from 8:00 am to 8:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of April/May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

Advice Notice No. 425507

Gerard T. Ortiz
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Services Vice President, PNM Regulatory Affairs
GCG# 512335

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~2019~~TH REVISED RATE NO. 1B
CANCELING ~~1918~~TH REVISED RATE NO. 1B

RESIDENTIAL SERVICE TIME-OF-USE RATE

Page 2 of 3

IN THE BILLING MONTHS OF:	June, July and August	All Other Months	
(A) <u>CUSTOMER CHARGE:</u> (Per Metered Account)	\$ 20.81 <u>23.85</u> /Bill	\$ 20.81 <u>23.85</u> /Bill	
(B) <u>METER CHARGE:</u> (Per Metered Account)	\$ 2.255 <u>2.29</u> /Bill	\$ 2.255 <u>2.29</u> /Bill	
(C)(1) <u>ENERGY CHARGE:</u>			
On-Peak Period kWh:	\$ 0.206438 <u>0.1711968</u> /kWh	\$ 0.160721 <u>0.1479661</u> /kWh	
Off-Peak Period kWh:	\$ 0.06631880 <u>0.1204059</u> /kWh	\$ 0.06631880 <u>0.1204059</u> /kWh	x
(C)(2) <u>ENERGY CHARGE:</u>			
On-Peak Period kWh:	\$ 0.1702648 <u>0.1702648</u> /kWh	\$ 0.1471605 <u>0.1471605</u> /kWh	..
Off-Peak Period kWh:	\$ 0.1197504 <u>0.1197504</u> /kWh	\$ 0.1197504 <u>0.1197504</u> /kWh	x
(D) <u>FUEL AND PURCHASED POWER COST ADJUSTMENT:</u> The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 10-0008614-00332 -UT. For this tariff, base rate is \$ 0.02136130 <u>0.0264140</u> per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2011 January 10, 2015 .			x x x

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (E) OTHER APPLICABLE RIDERS: Any other PNM riders that apply to this tariff shall be billed to all customers in accordance with the terms of those riders.
- (F) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the sum of the customer charge and meter charge.

Advice Notice No. ~~425~~507

Gerard T. Ortiz
Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs
GCG# 512335

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~2019~~TH REVISED RATE NO. 1B
CANCELING ~~1918~~TH REVISED RATE NO. 1B**

RESIDENTIAL SERVICE TIME-OF-USE RATE

Page 3 of 3

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence, or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date the bill is rendered. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

*
*_

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service, and shall not be resold or shared with others.

Advice Notice No.425507

Gerard T. Ortiz

Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs

GCG# 512335

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~21ST~~ ~~20TH~~ REVISED RATE NO. 2A
CANCELING ~~2019TH~~ REVISED RATE NO. 2A**

SMALL POWER SERVICE

Page 1 of 34

APPLICABILITY: The rates on this Schedule are available for single- and three-phase service for commercial, business, professional, small industrial loads and shared residential wells. Service will be provided under this schedule if at least one of the following two conditions are met: 1) Customer's on-peak kW must be less than ~~an estimated 50 kW for at least 3 months during the next 12 continuous months or less than an actual 50 kW for at least 3 10 months during the previous 12 continuous months~~, or 2) Customer's consumption must be less than ~~an estimated 15,000 kWh for at least 3 months during the next 12 continuous months or less than an actual 15,000 kWh for at least 103 months during the previous 12 continuous months~~. All service shall be delivered at a single service location to be designated by the Company. For new customers, the company shall estimate the customer's usage data for the next 12 continuous months to determine the qualification under this rate schedule.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The type of service available under this Schedule will be determined by the Company and will be supplied at a single service location and would normally be one of the following:

- (1) 120/240 volt single-phase (overhead up to 85kW or underground up to 140kW), or
- (2) 240 volt delta three-phase (overhead only; up to ~~50~~ 125 kW), or X
- (3) Combination of 120/240 volt single-phase and 240 volt delta three-phase (overhead only; combined load not to exceed 75 kW; neither the single-phase nor the three-phase may exceed 50 kW), or
- (4) 120/208 volt three-phase grounded Y overhead transformer (up to 50kW),
- (5) 120/208 volt three-phase grounded Y from a padmount transformer,
- (6) 277/480 volt three-phase grounded Y from a padmount transformer, or
- (7) 277/480 volt three-phase from an overhead transformer (up to 125 kW).

Note: 240 volt three-phase service is not available from underground distribution systems.

Advice Notice No. ~~437~~507

Gerard T. Ortiz

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GCG#513676

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**21ST 20TH REVISED RATE NO. 2A
CANCELING 2019TH REVISED RATE NO. 2A**

SMALL POWER SERVICE

Page 2 of 34

Refer to the Company's Rules and Regulations for further details pertaining to availability of other voltages and special services. Where service is furnished at different locations, a separate bill will be rendered for each meter location.

For each service location the Company reserves the right to use either a single combination meter or separate single- and three-phase meters in which event the meter readings will be added arithmetically and a single bill under the above rates will be rendered to the customer.

Three-phase service will be supplied only on a 12-month continuous and nonseasonal basis.

Metering will normally be done at the secondary voltage. The Company reserves the right to meter in the most practical manner, either primary or secondary voltage.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION: The rate for electric service provided shall be the sum of A, B, C, D, E, and F:

<u>IN THE BILLING MONTHS OF:</u>	June, July and August	All Other Months	
(A) <u>CUSTOMER CHARGE:</u> (Per Metered Account)	\$8.46 <u>23.39</u> /Bill	\$8.46 <u>23.39</u> /Bill	X
(B) <u>ENERGY CHARGE:</u> All kWh per Month	\$0.128645 <u>10.1405045</u> /kWh	\$0.107591 <u>40.1220661</u> /kWh	X
(C) <u>ADDITIONAL TRANSFORMER CAPACITY:</u> Customers in this category may be given the option of installing separate metering and wiring to serve the fluctuating or intermittent load where it is used regularly in their business. Necessary transformer capacity will be provided by PNM for this service. In the event a separate service or transformer installation or additional transformer capacity is required for fluctuating loads, such service, unless otherwise provided for in the rate schedules will be metered and billed separately; the minimum charge will be on a 12-month basis at the rate of \$1.50 per month per kVA of capacity required, but not less than \$10 per month. The Customer's wiring to such equipment causing the need for additional transformer capacity shall be installed in a continuous length of rigid conduit or Company-approved cable.			
(D) <u>FUEL AND PURCHASED POWER COST ADJUSTMENT:</u> The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. <u>10-0008614-00332</u> -UT. For this tariff, base rate is \$0.02136130 <u>0.0264140</u> per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2011 <u>January 10, 2015</u> .			

Advice Notice No. 437507

Gerard T. Ortiz
Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs
GCG#513676

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~21ST 20TH~~ REVISED RATE NO. 2A
CANCELING ~~2019TH~~ REVISED RATE NO. 2A**

SMALL POWER SERVICE

Page 3 of 34

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (E) OTHER APPLICABLE RIDERS: Any other PNM riders that apply to this tariff shall be billed in accordance with the terms of those riders.
- (F) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the customer charge and additional transformer capacity charge if applicable.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

Advice Notice No. 437507

Gerard T. Ortiz

~~Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs~~

GCG#513676

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~21ST 20TH~~ REVISED RATE NO. 2A
CANCELING ~~2019TH~~ REVISED RATE NO. 2A

SMALL POWER SERVICE

Page 4 of 34

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service, shall not be resold, or shared with others. Should the customer's consumption or demand exceed 15,000 kWh or 50 kW per month, respectively, for any three months in a previous continuous 12-month period, the service will be transferred to the General Power Rate, Schedules 3B or 3C. The Company reserves the right to install metering equipment to determine whether this paragraph applies.

Advice Notice No. ~~437~~507

Gerard T. Ortiz
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~~Services~~ Vice President, PNM Regulatory Affairs
GCG#513676

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~21ST 20TH~~ REVISED RATE NO. 2B
CANCELING ~~120TH 9TH~~ REVISED RATE NO. 2B**

SMALL POWER SERVICE TIME-OF-USE RATE

Page 1 of 4

APPLICABILITY: The rates on this Schedule are available for single-phase and three-phase service for commercial, business, professional, small industrial loads, shared residential wells, and will be optional for customers served under Schedule 2A who apply in writing for service under this Schedule. Service will be provided under this schedule if at least one of the following two conditions are met: 1) Customer's on-peak kW must be less than ~~an estimated 50 kW for at least 3 months during the next 12 continuous months or less than an actual 50 kW for at least 3-10 months during the previous 12 continuous months,~~ or 2) customer's consumption must be less than ~~an estimated 15,000 kWh for at least 3 months during the next 12 continuous months or less than an actual 15,000 kWh for at least 3-10 months during the previous 12 continuous months.~~ All service shall be delivered at a single service location to be designated by the Company. For new customers, the company shall estimate the customer's usage data for the next 12 continuous months to determine the qualification under this rate schedule.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The type of service available under this Schedule will be determined by the Company and will be supplied at a single service location and would normally be one of the following:

- (1) 120/240 volt single-phase (overhead up to 85kW or underground up to 140kW), or
- (2) 240 volt delta three-phase (overhead only; up to 50 kW), or
- (3) Combination of 120/240 volt single-phase and 240 volt delta three-phase (overhead only; combined load not to exceed 75 kW; neither the single-phase nor the three-phase may exceed 50 kW), or
- (4) 120/208 volt three-phase grounded Y from overhead transformer (up to ~~125~~50 kW), X
- (5) 120/208 volt three-phase grounded Y from a padmount transformer,
- (6) 277/480 volt three-phase grounded Y from a padmount transformer, or

Advice Notice No. ~~437~~507

Gerard T. Ortiz
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~~Services Vice President, PNM Regulatory Affairs~~

GCG#513677

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

~~21ST 20TH~~ **REVISED RATE NO. 2B**
CANCELING ~~120TH 9TH~~ REVISED RATE NO. 2B

SMALL POWER SERVICE TIME-OF-USE RATE

Page 2 of 4

(7) 277/480 volt three-phase from an overhead transformer (up to 125 kW).

Note: 240 volt three-phase service is not available to service from underground distribution systems. Refer to the Company's Rules and Regulations for further details pertaining to availability of other voltages and special services. Where service is furnished at different locations, a separate bill will be rendered for each meter location.

For each service location the Company reserves the right to use either a single combination meter or separate single- and three-phase meters in which event the meter readings will be added arithmetically and a single bill under the above rates will be rendered to the customer.

Three-phase service will be supplied only on a 12-month continuous, and nonseasonal basis.

Metering will normally be done at the secondary voltage. However, the Company reserves the right to meter in the most practical manner, either primary or secondary voltage.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, and G below. On-Peak period is from 8:00 am to 8:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

X
X

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

X
X
X
X

<u>IN THE BILLING MONTHS OF:</u>		June, July and August	All Other Months
(A) <u>CUSTOMER CHARGE:</u> (Per Metered Account)		\$13.659.96/Bill	\$13.659.96/Bill
(B) <u>METER CHARGE:</u> (Per TOU Metered Account)		\$5.4013.43/Bill	\$5.4013.43/Bill
(C)(1) <u>ENERGY CHARGE:</u>			
On-Peak Period kWh:	\$0.22527960.1692523/kWh		
Off-Peak Period kWh:	\$0.17469800.1462855/kWh		
	\$0.06486730.1175420/kWh	\$0.06486730.1175420/kWh	

X

X

X

X

Advice Notice No. 437507

Gerard T. Ortiz
Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs

GCG#513677

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~21ST 20TH~~ REVISED RATE NO. 2B
CANCELING ~~120TH 9TH~~ REVISED RATE NO. 2B**

SMALL POWER SERVICE TIME-OF-USE RATE

Page 3 of 4

(C)(2)ENERGY CHARGE:

On-Peak kWh:	\$0.1702277/kWh	\$0.1471286/kWh
Off-Peak kWh:	\$0.1182194/kWh	\$0.1182194/kWh

x
x

- (D) **ADDITIONAL TRANSFORMER CAPACITY:** Customers in this category may be given the option of installing separate metering and wiring to serve the fluctuating or intermittent load where it is used regularly in their business. Necessary transformer capacity will be provided for this service. In the event a separate service or transformer installation or additional transformer capacity is required for fluctuating loads, such service, unless otherwise provided for in the rate schedules will be metered and billed separately; the minimum charge will be on a 12-month basis at the rate of \$1.50 per month per kVA of capacity required, but not less than \$10 per month. The Customer's wiring to such equipment causing the need for additional transformer capacity shall be installed in a continuous length of rigid conduit or Company-approved cable.

x
x
x

- (E) **FUEL AND PURCHASED POWER COST ADJUSTMENT:** The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. ~~10-0008614-00332~~-UT. For this tariff, base rate is ~~\$0.02136130.0264140~~ per kWh, effective for fuel and purchased power expenses incurred beginning ~~August 21, 2011~~ January 10, 2015.

x
x
x

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (F) **OTHER APPLICABLE RIDERS:** Any other PNM riders that apply to this tariff shall be billed in accordance with the terms of those riders.
- (G) **SPECIAL TAX AND ASSESSMENT ADJUSTMENT:** Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. ~~437~~507

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GCG#513677

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~21ST 20TH~~ REVISED RATE NO. 2B
CANCELING ~~120TH 9TH~~ REVISED RATE NO. 2B**

SMALL POWER SERVICE TIME-OF-USE RATE

Page 4 of 4

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the sum of the customer charge, meter charge, and additional transformer capacity if applicable.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence, or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service, shall not be resold or shared with others. Should the customer's consumption or demand exceed 15,000 kWh or 50 kW per month, respectively, for any three months in a previous continuous 12-month period, the service will be transferred to the General Power Rate Schedule 3B or 3C. The Company reserves the right to install metering equipment to determine whether this paragraph applies.

Advice Notice No. 437507

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**2019TH REVISED RATE NO. 3B
CANCELING 1918TH REVISED RATE NO. 3B**

GENERAL POWER SERVICE - TIME-OF-USE RATE

Page 1 of 5

APPLICABILITY: The rates on this Schedule are available to all customers who use the Company's standard service for general power, lighting, and/or water and sewage pumping services. Service will be provided under this schedule ~~for a qualifying customer whose average monthly load factor exceeds 35% and if at least one of the following two conditions are met: 1) Customer's on-peak kW must be at least an estimated 50 kW or more for at least 3 months during the next 12 continuous months or an actual 50 kW or more for at least 3 months during the previous 12 continuous months, or 2) Customer's consumption must be at least an estimated 15,000 kWh or more for at least 3 months during the next 12 continuous months or an actual 15,000 kWh or more for at least 3 months during the previous 12 continuous months.~~

~~For new customers, the company shall estimate the customer's usage data for the next 12 continuous months to determine the qualification under this rate schedule. Customer's monthly minimum demand under this rate shall be 50 kW. Service will be rendered under this schedule for an initial period of not less than 12 continuous months. When usage data is not available to calculate the load factor, the customer will be placed under PNM's Schedule 3C – General Power Service (Low Load Factor) – Time-Of-Use Rate.~~

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

~~This tariff is designed to be most beneficial to qualifying customers whose average load factor exceeds 35%. For a qualifying customer whose load factor does not exceed 35%, the customer may request in writing to be placed on PNM's Schedule 3C – General Power Service (Low Load Factor) – Time-Of-Use Rate.~~

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The type of service available under this Schedule will be determined by the Company and will be supplied at a single service location and would normally be one of the following:

- (1) 120/240 volt single-phase (overhead up to 85kW or underground up to 140kW), or *
- (2) 240 volt delta three-phase (overhead only), or
- (3) Combination of 120/240 volt single-phase and 240 volt delta three-phase (overhead only; combined load not to exceed 75 kW; neither the single-phase nor the three-phase may exceed 50 kW), or

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**2019TH REVISED RATE NO. 3B
CANCELING 1918TH REVISED RATE NO. 3B**

GENERAL POWER SERVICE - TIME-OF-USE RATE

Page 2 of 5

- (4) 120/208 volt three-phase grounded Y from an overhead transformer (up to 125 kW), or
- (5) 120/208 volt three-phase grounded Y from a padmount transformer,
- (6) 277/480 volt three-phase grounded Y from a padmount transformer, or
- (7) 277/480 three-phase from an overhead transformer (up to 125 kW).

Note: 240 volt three-phase service is not available from underground distribution systems. Refer to the Company's Rules and Regulations for further details pertaining to availability of these and other voltages and special service.

NET RATE PER MONTH OR ANY PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, and G below. On Peak period is from 8:00 am to 8:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

IN THE BILLING MONTHS OF: June, July and August All Other Months

(A) CUSTOMER CHARGE:

Customer Owned Transformer (Per Metered Account) (Includes up to 1 st 50 kW of Billed Demand)	\$857.00 68.80/Bill	\$638.50 68.80/Bill	*
			*
			*
			*
PNM Owned Transformer (Per Metered Account) (Includes up to 1 st 50 kW of Billed Demand)	\$873.50 68.80/Bill	\$655.00 68.80/Bill	*

**(B) ON-PEAK DEMAND
CHARGE:**

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~2019~~TH REVISED RATE NO. 3B
CANCELING ~~1918~~TH REVISED RATE NO. 3B

GENERAL POWER SERVICE - TIME-OF-USE RATE

Page 3 of 5

Customer Owned Transformer \$~~17.14~~20.85/kW \$~~12.77~~18.97/kW
(For All Billing Demand kW ~~above~~
~~50 kW~~ during On-Peak Period)

PNM Owned Transformer \$~~17.47~~21.18/kW \$~~13.10~~19.30/kW
(For All Billing Demand kW ~~above~~
~~50 kW~~ during On-Peak Period)

(C)(1) ENERGY CHARGE:

On-Peak kWh	\$ 0.0844 <u>2320.06</u> <u>77047</u> /kWh	\$ 0.0699 <u>3760.05</u> <u>85175</u> /kWh
Off-Peak kWh	\$ 0.0393 <u>0370.04</u> <u>59603</u> /kWh	\$ 0.0393 <u>0370.04</u> <u>59603</u> /kWh

(C)(2) ENERGY CHARGE:

On-Peak kWh:	\$ 0.0678 <u>939</u> /kWh	\$ 0.0586 <u>810</u> /kWh
Off-Peak kWh:	\$ 0.0460 <u>887</u> /kWh	\$ 0.0460 <u>887</u> /kWh

x

- (D) POWER FACTOR ADJUSTMENT: For demands of 250kW and above a power factor of 90 percent or higher the Company will supply, without additional charge, a maximum of 0.48 kVAR (Reactive Kilovolt Amperes) per kW of ~~billed demand~~Total Demand. The monthly bill will be increased \$0.27 for each kVAR in excess of the allowed 0.48 kVAR per kW of ~~billed demand~~Total Demand.

}

x

x

}

- (E) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. ~~10-0008614-00332~~-UT. For this tariff, base rate is ~~\$0.02136~~130.0264140 per kWh, effective for fuel and purchased power expenses incurred beginning ~~August 21, 2011~~January 10, 2015.

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}

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

}

- (F) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.

}

- (G) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and

Advice Notice No. ~~425~~507

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~~Services~~Vice President, PNM Regulatory Affairs

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**2019TH REVISED RATE NO. 3B
CANCELING 1918TH REVISED RATE NO. 3B**

GENERAL POWER SERVICE - TIME-OF-USE RATE

Page 4 of 5

Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: Absent any demand or consumption, the monthly minimum charge under this Schedule is the Customer Charge plus the Total Demand multiplied by the On-Peak Demand Charge rate.

TEMPORARY MINIMUM CHARGE: Temporary or unusual service will be covered by the Company's Rules and Regulations and in such cases the minimum charges, conditions of furnishing substation equipment, connection and disconnection of service, and special conditions, will be covered by special agreement with the customer and the customer shall pay for all expenses involved in furnishing of the temporary service.

DETERMINATION OF TOTAL DEMAND: ~~Total demand is billed as two rate elements: Minimum Demand and On-Peak Demand which is demand in excess of minimum demand during the on-peak period.~~ The total demand shall in no event be less than the highest of the following: (a) the actual metered on-peak kW demand, (b) 50 percent of the highest metered on-peak kW demand during the preceding 11 months, (c) the minimum demand defined on this Schedule, or (d) the contracted minimum kW demand should it exceed the minimum demand provided for on this Schedule.

Metering shall normally be at the secondary voltage; however, the Company reserves the right to meter customer's consumption at the available primary voltage, in which event the metered kWh, kW demand, and kVAR shall be multiplied by 0.98 to allow for transformer losses.

For each service location the Company reserves the right to use either a single combination meter or a separate single- and a separate three-phase meter, in which event the kW and kWh will be added arithmetically and a single bill under the above rates will be rendered to the Customer.

Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and kVAR by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the customer.

For water and sewage pumping only, the total kW demand, kVAR demand, and kWh consumption for each type of like service (water or sewage pumping) shall be the arithmetic sum of kW, kWh and kVAR measured at each service location as described above. In no case will the total aggregate billing demand

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~2019~~TH REVISED RATE NO. 3B
CANCELING ~~1918~~TH REVISED RATE NO. 3B**

GENERAL POWER SERVICE - TIME-OF-USE RATE

Page 5 of 5

be less than 50 kW nor less than the minimum specified in the customer's service application or contract with the Company.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence, or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

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✖

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service and shall not be resold or shared with others.

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~2ND 3RD~~ REVISED RATE NO. 3C
CANCELING ~~2ND 1ST~~ REVISED RATE NO. 3C**

GENERAL POWER SERVICE (LOW LOAD FACTOR)--TIME-OF-USE RATE

Page 1 of 5

APPLICABILITY: The rates on this Schedule are available to all customers who use the Company's standard service for general power, lighting, and/or water and sewage pumping services. Service will be provided under this schedule for a qualifying customer whose average monthly load factor does not exceed 35% and if at least one of the following two conditions are met: 1) Customer's on-peak kW must be at least an estimated 50 kW or more for at least 3 months during the next 12 continuous months or an actual 50 kW or more for at least 3 months during the previous 12 continuous months, or 2) Customer's consumption must be at least an estimated 15,000 kWh or more for at least 3 months during the next 12 continuous months or an actual 15,000 kWh or more for at least 3 months during the previous 12 continuous months.

For new customers, the company shall estimate the customer's usage data for the next 12 continuous months to determine the qualification under this rate schedule. Customer's monthly minimum demand under this rate shall be 50 kW. Service will be rendered under this schedule for an initial period of not less than 12 continuous months. When usage data is not available to calculate the load factor, the qualifying customer will be placed under this Schedule.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

This tariff is designed to be most beneficial to qualifying customers whose average load factor does not exceed 35%. For a qualifying customer whose load factor exceeds 35%, the customer may request in writing to be placed on PNM's Schedule 3B — General Power Service — Time-Of-Use Rate.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The type of service available under this Schedule will be determined by the Company and will be supplied at a single service location and would normally be one of the following:

- (1) 120/240 volt single-phase (overhead up to 85kW or underground up to 140kW), or *
- (2) 240 volt delta three-phase (overhead only), or
- (3) Combination of 120/240 volt single-phase and 240 volt delta three-phase (overhead only; combined load not to exceed 75 kW; neither the single-phase nor the three-phase may exceed 50 kW), or

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~2ND~~ ~~3RD~~ **REVISED RATE NO. 3C**
CANCELING ~~2ND~~ ~~1ST~~ REVISED RATE NO. 3C

GENERAL POWER SERVICE (LOW LOAD FACTOR)--TIME-OF-USE RATE

Page 2 of 5

- (4) 120/208 volt three-phase grounded Y from an overhead transformer (up to 125 kW), or
- (5) 120/208 volt three-phase grounded Y from a padmount transformer, or
- (6) 277/480 volt three-phase grounded Y from a padmount transformer, or
- (7) 277/480 three-phase from an overhead transformer (up to 125 kW).

Note: 240 volt three-phase service is not available from underground distribution systems. Refer to the Company's Rules and Regulations for further details pertaining to availability of these and other voltages and special service.

NET RATE PER MONTH OR ANY PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, and G below. On Peak period is from 8:00 am to 8:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

IN THE BILLING MONTHS OF: June, July and August All Other Months

(A) <u>CUSTOMER CHARGE:</u>				X
Customer Owned Transformer	\$326.00	68.80/Bill	\$256.50	68.80/Bill
(Per Metered Account)				X
(Includes up to 1 st 50 kW of				X
Billed Demand)				X
PNM Owned Transformer	\$342.50	68.80/Bill	\$273.00	68.80/Bill
(Per Metered Account)				
(Includes up to 1 st 50 kW of				
Billed Demand)				X
(B) <u>ON-PEAK DEMAND CHARGE:</u>				
Customer Owned Transformer	\$6.52	10.40/kW	\$5.13	9.45/kW
				X
				X
				X
				X

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Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs

GCG#512344

X

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~2ND~~ ~~3RD~~ **REVISED RATE NO. 3C**
CANCELING ~~2ND~~ ~~1ST~~ REVISED RATE NO. 3C

GENERAL POWER SERVICE (LOW LOAD FACTOR)--TIME-OF-USE RATE

Page 3 of 5

(For All Billing Demand kW
Above 50 kW During
On-Peak Period)

PNM Owned Transformer	\$ 6.85 <u>10.73</u> /kW	\$ 5.46 <u>9.78</u> /kW
(For <u>All Billing Demand kW</u> <u>Above 50 kW</u> During On-Peak Period)		

(C)(1) ENERGY CHARGE:

On-Peak kWh	\$0.1109026/kWh	\$0.0958536/kWh
Off-Peak kWh	\$0.0845246/kWh	\$0.0845246/kWh

x

(C)(2) ENERGY CHARGE:

On-Peak kWh	\$0.13929340.1110949/kWh	\$0.10492990.0960198/kWh
Off-Peak kWh	\$0.06277670.0846712/kWh	\$0.06277670.0846712/kWh

x

x

x

(D) POWER FACTOR ADJUSTMENT: For demands of 250kW and above a power factor of 90 percent or higher the Company will supply, without additional charge, a maximum of 0.48 kVAR (Reactive Kilovolt Amperes) per kW of ~~billed demand~~Total Demand. The monthly bill will be increased \$0.27 for each kVAR in excess of the allowed 0.48 kVAR per kW of ~~billed demand~~Total Demand.

x

x

x

(E) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. ~~10-0008614-00332~~14-00332-UT. For this tariff, base rate is ~~\$0.02136130.0264140~~ per kWh, effective for fuel and purchased power expenses incurred beginning ~~August 21, 2011~~January 10, 2015.

x

x

x

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

x

(F) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.

x

(G) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**^{2ND} ^{3RD} REVISED RATE NO. 3C
CANCELING ^{2ND} ^{1ST} REVISED RATE NO. 3C**

GENERAL POWER SERVICE (LOW LOAD FACTOR)--TIME-OF-USE RATE

Page 4 of 5

Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: Absent any demand or consumption, the monthly minimum charge under this Schedule is the Customer Charge plus the Total Demand multiplied by the On-Peak Demand Charge rate.

TEMPORARY MINIMUM CHARGE: Temporary or unusual service will be covered by the Company's Rules and Regulations and in such cases the minimum charges, conditions of furnishing substation equipment, connection and disconnection of service, and special conditions, will be covered by special agreement with the customer and the customer shall pay for all expenses involved in furnishing of the temporary service.

DETERMINATION OF TOTAL DEMAND: ~~Total demand is billed as two rate elements: Minimum Demand and On-Peak Demand which is demand in excess of minimum demand during the on-peak period.~~ The total demand shall in no event be less than the highest of the following: (a) the actual metered on-peak kW demand, (b) 50 percent of the highest metered on-peak kW demand during the preceding 11 months, (c) the minimum demand defined on this Schedule, or (d) the contracted minimum kW demand should it exceed the minimum demand provided for on this Schedule.

Metering shall normally be at the secondary voltage; however, the Company reserves the right to meter customer's consumption at the available primary voltage, in which event the metered kWh, kW demand, and kVAR shall be multiplied by 0.98 to allow for transformer losses.

For each service location the Company reserves the right to use either a single combination meter or a separate single- and a separate three-phase meter, in which event the kW and kWh will be added arithmetically and a single bill under the above rates will be rendered to the Customer.

Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and kVAR by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the customer.

For water and sewage pumping only, the total kW demand, kVAR demand, and kWh consumption for each type of like service (water or sewage pumping) shall be the arithmetic sum of kW, kWh and kVAR measured at each service location as described above. In no case will the total aggregate billing demand

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

~~2ND 3RD~~ **REVISED RATE NO. 3C**
CANCELING ~~2ND 1ST~~ REVISED RATE NO. 3C

GENERAL POWER SERVICE (LOW LOAD FACTOR)--TIME-OF-USE RATE

Page 5 of 5

be less than 50 kW nor less than the minimum specified in the customer's service application or contract with the Company.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence, or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

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LIMITATION OF RATE: Electric service under this Schedule is not available for standby service and shall not be resold or shared with others.

Advice Notice No. 425507

Gerard T. Ortiz

Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs

GCG#512344

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

189TH REVISED RATE NO. 4B
CANCELING 178TH REVISED RATE NO. 4B

LARGE POWER SERVICE -- TIME-OF-USE RATE

Page 1 of 4

APPLICABILITY: The rates on this Schedule are available to all customers who use the Company's standard service for Large Power. Customer's minimum demand under this rate shall be 500 kW. Service will be rendered under this schedule for an initial period of not less than 12 continuous months.

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Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The service available under this Schedule shall be three-phase service delivered and metered at the Company's available secondary distribution, primary distribution or transmission voltage. The delivery voltage of the Company will depend upon the capacity available and necessary to take care of customer's initial and anticipated future requirements, and the Company shall be the sole judge as to the voltage it can make available so as to provide for adequate capacity to the customer. Underground service is not available at transmission voltage. Underground service is available only in designated underground distribution system areas.

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The customer must sign a facilities contract or appropriate line extension agreement for any transmission or distribution cost incurred by the company not covered through rates on this tariff. Liquidated damages provisions will be included in the contract or line extension agreement unless otherwise agreed to by the Company.

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All contract modifications must be in writing and executed as a supplement to the contract.

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DISTRIBUTION EQUIPMENT: All distribution transformers, the necessary structures, voltage regulating devices, lightning arrestors, and accessory equipment required by the customer in order to utilize the Company's service shall be installed, paid for, and owned, operated, and maintained by the customer.

The customer shall also provide at his expense suitable protective equipment and devices so as to protect Company's system and its service, to other electric users, from disturbances or faults that may occur on customer's system or equipment. This must include a gang-operated switch located next to the metering installation and capable of interrupting the customer's entire load.

All such distribution equipment is to be installed by the customer and shall be of an approved design and shall conform to the Company's standards.

The customer shall at all times keep each of the three phases balanced as far as practicable so as not to affect service and voltage to other customers served by the Company. The customer shall not operate any equipment in a manner which will cause voltage disturbances elsewhere on Company's system. The customer shall at all times maintain a power factor of at least 90 percent. Power factors less than 90 percent shall be subject to the Power Factor Adjustment charge described below.

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Advice Notice No. 425507

Gerard T. Ortiz

~~Executive Director, NM Retail Regulatory~~
~~Services Vice President, Regulatory Affairs~~

GCG#512343

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

139TH REVISED RATE NO. 4B
CANCELING 178TH REVISED RATE NO. 4B

LARGE POWER SERVICE -- TIME-OF-USE RATE

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NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, and G below. On-Peak period is from 8:00 am to 8:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

IN THE BILLING MONTHS OF: June, July and August All Other Months

(A) CUSTOMER CHARGE:

Customer Owned Transformer \$7,915.00506.34/Bill
\$6,280.00506.34/Bill
(Per Metered Account)
(Includes up to 1st 500-
kW of Billed Demand)

PNM Owned Transformer* \$8,735.00506.34/Bill
\$7,100.00506.34/Bill
(Per Metered Account)
(Includes up to 1st 500-
kW of Billed Demand)

*The Company will provide one distribution transformer not to exceed 1500 KVA in size and one pad mounted switchgear, if required, placed on a pad provided by the customer. Except for the Albuquerque downtown network as defined in PNM Rule 2, if a customer requires more than the standard installation described above, the entire customer requirement will be handled by an appropriate contract based on the total cost of installation. Qualifying customers on the Albuquerque downtown network will be charged at the standard PNM Owned Transformer rate.

(B) ON-PEAK PERIOD DEMAND CHARGE:

Customer Owned Transformer \$15.8318.74/kW
\$12.5616.76/kW
(For All Billing Demand kW above 500
kW during On-Peak Period)

PNM Owned Transformer \$17.4720.44/kW
\$14.2018.46/kW

Advice Notice No. 425507

Gerard T. Ortiz
Executive Director, NM Retail Regulatory
Services Vice President, Regulatory Affairs

GCG#512343

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

189TH REVISED RATE NO. 4B
CANCELING 178TH REVISED RATE NO. 4B

LARGE POWER SERVICE -- TIME-OF-USE RATE

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(For All Billing Demand kW above 500
kW during On-Peak Period)

(C)(1) ENERGY CHARGE:

On-Peak kWh	\$0.07043730.0665384/kWh
\$0.05531120.0575095/kWh	
Off-Peak kWh	\$0.03658150.0453806/kWh
\$0.03658150.0453806/kWh	

(C)(2) ENERGY CHARGE:

On-Peak kWh:	\$0.0666114/kWh	\$0.0575725/kWh
Off-Peak kWh:	\$0.0454304/kWh	\$0.0454304/kWh

x

- (D) POWER FACTOR ADJUSTMENT: The above rates are based on a power factor of 90 percent or higher and the Company will supply, without additional charge, a maximum of 0.48 kVAR (Reactive Kilovolt Amperes) per kW of billed demand Total Demand. The monthly bill will be increased \$0.27 for each kVAR in excess of the allowed 0.48 kVAR per kW of billed demand Total Demand.

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- (E) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 10-0008614-00332-UT. For this tariff, base rate is \$0.02116200.0259317 per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2011 January 10, 2015.

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All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (F) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.

x

- (G) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

x

MONTHLY MINIMUM CHARGE: Absent any demand or consumption, the monthly minimum charge under this Schedule is the Customer Charge plus the Total Demand multiplied by the On-Peak Demand Charge rate.

Advice Notice No. 425507

Gerard T. Ortiz

Executive Director, NM Retail Regulatory
Services Vice President, Regulatory Affairs

GCG#512343

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

189TH REVISED RATE NO. 4B
CANCELING 178TH REVISED RATE NO. 4B

LARGE POWER SERVICE -- TIME-OF-USE RATE

Page 4 of 4

TEMPORARY MINIMUM CHARGE: Temporary or unusual service will be covered by the Company's Rules and Regulations and in such cases the minimum charges, conditions of furnishing substation equipment, connection and disconnection of service, and special conditions, will be covered by special agreement with the customer and the customer shall pay for all expenses involved in furnishing of the temporary service.

DETERMINATION OF TOTAL DEMAND: ~~Total demand is billed as two rate elements: Minimum Demand and On-Peak Demand which is demand in excess of minimum demand during the on-peak period.~~ The total demand shall in no event be less than the highest of the following: (a) the actual metered on-peak kW demand, (b) 50 percent of the highest metered on-peak kW demand during the preceding 11 months, (c) the minimum demand defined on this Schedule, or (d) the contracted minimum kW demand should it exceed the minimum demand provided for on this Schedule.

Metering shall normally be at the primary distribution voltage. The Company reserves the right to meter at the secondary voltage of customer's transformers, in which event the metered kWh, kW demand, and kVAR shall be multiplied by 1.02 to allow for transformer losses. In the event the customer receives service at 46 kV or higher voltage and is metered at the higher voltage, the metered kWh, kW, and kVAR shall be multiplied by 0.98 to allow for transformer losses.

Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and kVAR by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the customer.

Advice Notice No. 425507

Gerard T. Ortiz

Executive Director, NM Retail Regulatory
Services Vice President, Regulatory Affairs

GCG#512343

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

189TH REVISED RATE NO. 4B
CANCELING 178TH REVISED RATE NO. 4B

LARGE POWER SERVICE -- TIME-OF-USE RATE

Page 5 of 4

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable for damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increase reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence, or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

x
x
x

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service, and shall not be resold or shared with others. ~~Should the customer's demand exceed 10,000 kW for three months in any 12-month continuous period, the service will be transferred to another rate schedule for customers of this size.~~

Advice Notice No. 425507

Gerard T. Ortiz

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GCG#512343

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~21ST 20TH~~ REVISED RATE NO. 5B
CANCELING ~~20TH 19TH~~ REVISED RATE NO. 5B

LARGE SERVICE FOR CUSTOMERS
≥ 8,000 KW MINIMUM AT 115 KV, 69 KV, 46 kV or 34.5 KV

Page 1 of 4

APPLICABILITY: The rates on this schedule are available to retail customers who contract for a definite capacity commensurate with the customer's normal requirements but in no case less than 8,000 kW of capacity and who takes service directly from PNM's transmission system at 115 kV or the Company's primary distribution voltage of 69kV, 46kV or 34.5kV. Minimum demand under this schedule shall be 8,000 kW

Service shall be furnished at the Company's available transmission voltage of 115 kV and/or at the Company's distribution voltage of 69 kV, 46 kV or 34.5 kV. Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The service available under this schedule shall be three-phase service delivered at the Company's available transmission voltage of 115 kV and/or distribution voltage of 69kV, 46 kV or 34.5kV.

SERVICE WITH A CONTRACT DEMAND OF 8,000 KW OR MORE:

1. The Company will provide service under this rate schedule to retail customers who contract for a demand of 8,000 kW or more and who take service from PNM's transmission system at 115 kV and/or distribution system at 69 kV, 46 kV or 34.5 kV only if the customer agrees to a specified period of service under this rate schedule of not less than one year. The customer must sign a facilities contract or appropriate line extension agreement for any transmission or distribution cost incurred by the Company for the customer not covered through rates on this tariff. Liquidated damages provisions will be included in the contract or line extension agreement unless otherwise agreed to by the Company.
2. All contract modifications must be in writing and executed as a supplement to the Contract.

SUBSTATION EQUIPMENT: All substation and distribution transformers, the necessary structures, voltage regulating devices, lightning arrestors, and accessory equipment required by the customer in order to utilize the Company's service at 115 kV, 69 kV, 46 kV, or 34.5 kV shall be installed, paid for, owned, operated, and maintained by the customer.

The customer shall also provide at customer's expense suitable protective equipment and devices so as to protect Company's system and service, and other electric users, from disturbances or faults that may occur on the customer's system or equipment.

The customer shall at all times keep each of the three phases balanced as far as practicable so as not to affect service and voltage to other customers served by the Company. The customer shall

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG#517957

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~21ST 20TH~~ REVISED RATE NO. 5B
CANCELING ~~20TH 19TH~~ REVISED RATE NO. 5B

LARGE SERVICE FOR CUSTOMERS
≥ 8,000 KW MINIMUM AT 115 KV, 69 KV, 46 kV or 34.5 KV

Page 2 of 4

not operate any equipment in a manner which will cause voltage disturbances elsewhere on the Company's system.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, and G below. On-Peak period is from 8:00am to 8:00pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

IN THE BILLING MONTHS OF: June, July and August All Other Months

(A) <u>CUSTOMER CHARGE:</u> (Per Metered Account) (Includes up to 1 st 8,000 kW of Billed Demand)	\$93,920.00 <u>2,631.96</u> /Bill	\$78,160.00 <u>2,631.96</u> /Bill	X
(B) <u>ON-PEAK DEMAND CHARGE:</u> (For <u>All</u> Billing Demand kW Above 8,000 kW During On-Peak Period)	\$11.74 <u>16.50</u> /kW	\$9.77 <u>14.73</u> /kW	X
(C)(1) On-Peak kWh	<u>ENERGY CHARGE:</u> \$0.077608 <u>0.0539980</u> /kWh	\$0.055391 <u>0.0466707</u> /k	
Off-Peak kWh	Wh \$0.034391 <u>0.0377778</u> /kWh \$0.034391 <u>0.0377778</u> /kWh		
(C)(2) <u>ENERGY CHARGE:</u>			
On-Peak kWh:	\$0.0538971/kWh	\$0.0465835/kWh	
Off-Peak kWh:	\$0.0377072/kWh	\$0.0377072/kWh	X
(D) <u>POWER FACTOR ADJUSTMENT:</u> The above rates are based on a power factor of 90 percent or higher and the Company will supply, without additional charge, a maximum of 0.48 kVAR (Reactive Kilovolt Amperes) per kW of <u>billable demand</u> <u>Total Demand</u> . The monthly bill will be increased \$0.27 for each kVAR in excess of the allowed 0.48 kVAR per kW of <u>billable demand</u> <u>Total Demand</u> .			X X X

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG#517957

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~21ST 20TH~~ REVISED RATE NO. 5B
CANCELING ~~20TH 19TH~~ REVISED RATE NO. 5B

LARGE SERVICE FOR CUSTOMERS
≥ 8,000 KW MINIMUM AT 115 KV, 69 KV, 46 kV or 34.5 KV

Page 3 of 4

- (E) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 40-0008614-00332-UT. For this tariff, base rate is \$0.02077230.0255254 per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2014 ~~January 10, 2015~~.

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (F) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.
- (G) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the Company and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the Customer Charge plus the minimum contract demand multiplied by the On-Peak Demand Charge rate.

DETERMINATION OF ON-PEAK PERIOD TOTAL DEMAND CHARGE: The total demand shall in no event be less than the highest of the following: (a) the actual metered on-peak kW demand, (b) 50 percent of the highest metered on-peak kW demand during the preceding 11 months, (c) the minimum demand defined on this Schedule, or (d) the contracted minimum kW demand should it exceed the minimum demand provided for on this Schedule.

Metering shall normally be at the primary distribution voltage. The Company reserves the right to meter at the secondary voltage of customer's transformers, in which event the metered kWh, kW demand, and kVAR shall be multiplied by 1.02 to allow for transformer losses. In the event the customer receives service at 46 kV or higher voltage and is metered at the higher voltage, the metered kWh, kW, and kVAR shall be multiplied by 0.98 to allow for transformer losses.

Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and kVAR by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the customer.

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Vice President, PNM Regulatory Affairs

GCG#517967

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~21ST 20TH~~ REVISED RATE NO. 5B
CANCELING ~~20TH 19TH~~ REVISED RATE NO. 5B

LARGE SERVICE FOR CUSTOMERS
≥ 8,000 KW MINIMUM AT 115 KV, 69 KV, 46 kV or 34.5 KV

Page 4 of 4

~~The On-Peak period demand charge for any month shall be as determined by appropriate measurement as defined by the Company, but in no event shall it be less than the highest of the following: (a) the actual metered kW demand minus minimum demand; or (b) 50 percent of the highest kW demand during the preceding 11 months minus minimum demand, or (c) zero the minimum contract demand.~~

~~Metering shall normally be at customer's substation secondary voltage. The Company reserves the right to meter at the substation primary voltage level, in which event the metered kWh, kW demand, and kVAR shall be multiplied by 0.98 to allow for losses.~~

~~Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and kVAR by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the customer.~~

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, or are the results of acts of public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable for damages. Customers whose reliability requirements exceed these normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The metering must be installed on each service location at a point accessible to Company personnel at any time.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service, is not available to customers served in the downtown area of Albuquerque when served by the underground network system, and shall not be resold or shared with others.

Advice Notice No. 493507

Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG#517957

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**132TH REVISED RATE NO. 6
CANCELING 121TH REVISED RATE NO. 6**

PRIVATE AREA LIGHTING SERVICE

Page 1 of 5

APPLICABILITY: Applicable to private area lighting under agreement for lights installed before February 23, 1991. These rates are for existing lights installed before ~~February 23, 1991~~ August 21, 2011.

TERRITORY: All territory served by the Company in New Mexico.

Applies to individual customers for existing lights installed before ~~February 23, 1991~~ August 21, 2011 on a 12-month continuous, nonseasonal basis at locations on the Company's distribution system where such facilities may be operated as an integral part of the Company's facilities. This service is not available for the lighting of public or semipublic thoroughfares.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION: The charge per month will be the sum of the applicable components of A, B, C and D.

A. LIGHT CHARGE (All lights installed on existing wood poles or installed on a separate wood poles not more than 150 feet from existing secondary facilities, to burn from dusk-to-dawn)

Description	Monthly kWh Usage	Monthly Charge
<u>Mercury Vapor ("MV") Lights</u>		
175W MV Light	73	\$13.47
400W MV Light	162	\$25.16
<u>Metal Halide ("MH") Lights</u>		
400W MH Light	162	\$25.52
1,000W MH Light	380	\$54.32
<u>High Pressure Sodium ("HPS") Lights</u>		
100W HPS Light	45	\$9.94
200W HPS Light	89	\$15.93
400W HPS Light	165	\$26.10

B. POLE CHARGE (Only for poles installed exclusively for providing service to a light under this Schedule)

Description	Monthly Charge
Pole	\$3.66

Advice Notice No. xxx

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#506452

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

132TH REVISED RATE NO. 6
CANCELING 121TH REVISED RATE NO. 6

PRIVATE AREA LIGHTING SERVICE

Page 2 of 5

~~*A. For each 7,000 lumen mercury vapor lamp installed on existing wood pole or installed on a separate wood pole not more than 150 feet from existing secondary facilities, to burn from dusk-to-dawn, the rate per month shall be \$11.18. This rate, and the adjustments set forth below, are based on an average monthly consumption of 73 kWh.~~

~~**B. For each 9,500 lumen high pressure sodium lamp installed, to burn from dusk-to-dawn, the rate shall be \$9.59 per month. This rate, and the adjustments set forth below, are based on an average monthly consumption of 45 kWh.~~

~~**C. For each 50,000 lumen 400 watt high pressure sodium floodlight installed, to burn from dusk-to-dawn, the rate shall be \$25.54 per month. This rate, and the adjustments set forth below, are based on an average monthly consumption of 165 kWh.~~

**POLE CHARGE:

~~Applicable to 50,000 lumen 400 watt high pressure sodium floodlights.~~

- ~~1. 30 Foot Wood Pole \$3.47~~
- ~~2. 35 Foot Wood Pole \$3.82~~
- ~~3. 40 Foot Wood Pole \$4.45~~

~~Plus adjustment 1 as set forth below.~~

~~*These lights are considered nonstandard and are not available for new installations after November 17, 1980.~~

~~**These lights and poles are not available for new installations after February 23, 1991.~~

~~LAMP SPECIFIC CHARGES: (Applicable to former PNM-TNMP customers taking electric service in the following NM counties: Grant, Lincoln, Hidalgo and Otero)~~

"Nite - Liter"

Lamp Wattage	Lamp Output	Lamp Type	Usage per Mo.	Monthly Rate
175	7,000 lumen	Mercury Vapor*	73 kWh	\$10.79
400	21,500 lumen	Mercury Vapor*	162 kWh	\$20.77
100	9,500 lumen	High Pressure Sodium	45 kWh	\$10.23
200	22,000 lumen	High Pressure Sodium	89 kWh	\$18.58

Advice Notice No. xxx

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#506452

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**132TH REVISED RATE NO. 6
CANCELING 121TH REVISED RATE NO. 6**

PRIVATE AREA LIGHTING SERVICE

Page 3 of 5

~~*Service under this rate is restricted to those installations and those customers receiving service as of September 22, 1993.~~

~~FLOOD LIGHTING: (Applicable to former PNM-TNMP customers taking electric service in the following NM counties: Grant, Lincoln, Hidalgo and Otero)~~

Lamp Wattage	Lamp Output	Lamp Type	Usage per Mo.	Monthly Rate
400	34,000 lumen	Metal Halide	162 kWh	\$24.51
1,000	110,000 lumen	Metal Halide	380 kWh	\$52.40
200	22,000 lumen	High Pressure Sodium	89 kWh	\$21.02
400	50,000 lumen	High Pressure Sodium	165 kWh	\$28.18

~~Additional Pole Charge: In the event customer desires a light to be installed on a pole, which will require the Company to install an additional pole, or poles, customer will be charged a distribution cost of \$1.90 per month per pole.~~

C. FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 14-003320-00086-UT. For this tariff, base rate is ~~\$0.02136130~~ \$0.0264140 per kWh, effective for fuel and purchased power expenses incurred beginning ~~May 15, 2011~~ January 10, 2015.

All kWh usage under this tariff will be subject to a Fuel and Purchased Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

D. OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.

SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or Privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: ~~Payments for lamps, standards, and lighting fixtures installed in~~

Advice Notice No. xxx

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#606452

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

132TH REVISED RATE NO. 6
CANCELING 121TH REVISED RATE NO. 6

PRIVATE AREA LIGHTING SERVICE

Page 4 of 5

~~accordance with the rates specified above~~The monthly minimum charge under this tariff consists of any applicable Light and Pole charges, plus any applicable riders, fees, and taxes..

SPECIAL CONDITIONS:

- A. General - Private Area Lighting service is supplied in accordance with the customer's written application and under Company's Service Regulations and this Schedule. Customer shall furnish to Company, without cost to the Company, all rights, permits, and easements necessary to permit the installation and maintenance of Company's facilities on, over, under, and across private property where and as needed in providing service hereunder.
- B. Ownership of Facilities - All lamps, poles, and fixtures shall be and remain the property of the Company.
- ~~C. Changes and Additions - All facilities have been installed under agreement having an initial term of not less than three years. Relocation of facilities, after the same shall have been installed, shall be at the customer's expense.~~
- C. Relocation of Facilities - Relocation for service under this tariff is prohibited.
- D. Maintenance and Operation - Company shall be obligated to furnish lighting from dusk-to-dawn, and at all times replace and repair, at its own cost and expense, all broken or damaged lamps, poles, and other facilities used in the system; however the Company reserves the right to cancel this Agreement in event of excessive damage to its equipment by vandalism, malicious mischief, encroachment of excessive light upon adjacent property, or other causes.
- E. Outages - It shall be the duty of the customer to report to the Company the failure of any lamp covered by agreement to burn, or to burn adequately. The Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore proper service.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy; however, interruptions or partial interruptions may accrue or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

Advice Notice No. xxx

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Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#606462

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**132TH REVISED RATE NO. 6
CANCELING 121TH REVISED RATE NO. 6**

PRIVATE AREA LIGHTING SERVICE

Page 5 of 5

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

Advice Notice No. xxx

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#506452

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~1918~~TH REVISED RATE NO. 10A
CANCELING ~~1817~~TH REVISED RATE NO. 10A**

IRRIGATION SERVICE

Page 1 of 3

APPLICABILITY: The rates on this Schedule are available ONLY for irrigation pumping installations of not less than 5 HP and where service is used to irrigate three or more acres of land used principally for agricultural purposes.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The type of service available under this Schedule will normally be 240 or 480 volts, three-phase service supplied at a single service location.

Refer to the Company's Rules and Regulations for further details pertaining to availability of other voltages and special services.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION: The rate for electric service provided shall be the sum of A, B, C, D, and E:

IN THE BILLING MONTHS OF:	June, July and August	All Other Months	
(A) CUSTOMER CHARGE: Per Metered Account)	\$8.19 <u>43.28</u> /Bill	\$8.19 <u>43.28</u> /Bill	X
(B) ENERGY CHARGE:	\$0.09823560 <u>.1125563</u> /kWh	\$0.08952670 <u>.0975777</u> /kWh	X
(C) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 10-0008614-00332 -UT. For this tariff, base rate is \$0.02136130 <u>.0264140</u> per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2011 <u>January 10, 2015</u> .			X X X

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

Advice Notice No. ~~425~~507

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**1918TH REVISED RATE NO. 10A
CANCELING 1817TH REVISED RATE NO. 10A**

IRRIGATION SERVICE

Page 2 of 3

- (D) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.
- (E) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

METERING VOLTAGE: The above rates are based upon metering at the customer's service voltage of 240 or 480 volts. The Company reserves the right to meter customer's requirements at the Company's primary voltage, in which event the billing kWh shall be the metered kWh multiplied by 0.98 to allow for transformer losses.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the customer charge.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence or other obstruction.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

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Advice Notice No. 425507

Gerard T. Ortiz
~~Executive Director, NM Retail Regulatory~~
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GCG#512346

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**1918TH REVISED RATE NO. 10A
CANCELING 1817TH REVISED RATE NO. 10A**

IRRIGATION SERVICE

Page 3 of 3

TERMS OF CONTRACT: Service will be rendered under this Schedule upon application by the customer for an initial contract period of not less than 12 months. Refer to the Company's Rules and Regulations for information concerning terms and requirements of contract.

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service and shall not be resold or shared with others. Upon abandonment or failure to use water pumped with electric power for one irrigation season, or if lands are irrigated by water from other sources, Company may remove its facilities without any liability to customer.

Advice Notice No. 425507

Gerard T. Ortiz

Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs

GCG#512346

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~1918~~TH REVISED RATE NO. 10B
CANCELING ~~1817~~TH REVISED RATE NO. 10B**

IRRIGATION SERVICE TIME-OF-USE RATE

Page 1 of 4

APPLICABILITY: The rates on this Schedule are available ONLY for irrigation pumping installations of not less than 5 HP and where service is used to irrigate three or more acres of land used principally for agricultural purposes.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of the Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The type of service available under this Schedule will normally be 240 or 480 volts, three-phase service supplied at a single service location.

Refer to the Company's Rules and Regulations for further details pertaining to availability of other voltages and special services.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, and F. On-Peak period is from 8:00 am to 8:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

IN THE BILLING MONTHS OF: June, July and August All Other Months

(A) CUSTOMER CHARGE: (Per Metered Account)	\$8.1912.85/Bill	\$8.1912.85/Bill	X
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(B) METER CHARGE: (Per TOU Metered Account)	\$2.8430.43/Bill	\$2.8430.43/Bill	X
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(C)(1) On-Peak Period kWh:	ENERGY CHARGE: \$0.13803530.1338841/kWh	\$0.12634490.1157166/kWh
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Advice Notice No. 425507

Gerard T. Ortiz
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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

1918TH REVISED RATE NO. 10B
CANCELING 1817TH REVISED RATE NO. 10B

IRRIGATION SERVICE TIME-OF-USE RATE

Page 2 of 4

Off-Peak Period	kWh:	\$0.06286400	<u>\$0.0937695/kWh</u>	\$0.06286400	<u>\$0.0937695/kWh</u>	
(C)(2)ENERGY CHARGE:						
On-Peak kWh:			<u>\$0.1338168/kWh</u>		<u>\$0.1156585/kWh</u>	
Off-Peak kWh:			<u>\$0.0937224/kWh</u>		<u>\$0.0937224/kWh</u>	x
						x
						x
						x

Advice Notice No. 425507

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~1918~~TH REVISED RATE NO. 10B
CANCELING ~~1817~~TH REVISED RATE NO. 10B

IRRIGATION SERVICE TIME-OF-USE RATE

Page 3 of 4

- (D) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. ~~10-0008614-00332~~-UT. For this tariff, base rate is ~~\$0.02136130.0264140~~ per kWh, effective for fuel and purchased power expenses incurred beginning ~~August 21, 2011~~ January 10, 2015. x
x
x

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (E) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.
- (F) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the sum of the customer charge and the meter charge.

METERING VOLTAGE: The above rates are based upon metering at the customer's service voltage of 240 or 480 volts. The Company reserves the right to meter customer's requirements at the Company's primary voltage, in which event the billing kWh shall be the metered kWh multiplied by 0.98 to allow for transformer losses.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way without any intervening wall, fence, or other obstruction.

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Advice Notice No. 425507

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Services Vice President, PNM Regulatory Affairs
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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

1918TH REVISED RATE NO. 10B
CANCELING 1817TH REVISED RATE NO. 10B

IRRIGATION SERVICE TIME-OF-USE RATE

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TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

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TERMS OF CONTRACT: Service will be rendered under this Schedule upon application by the customer for an initial contract period of not less than 12 months. Refer to the Company's Rules and Regulations for information concerning terms and requirements of contract.

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service and shall not be resold or shared with others. Upon abandonment or failure to use water pumped with electric power for one irrigation season, or if lands are irrigated by water from other sources, Company may remove its facilities without any liability to customer.

Advice Notice No. 425507

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~~Executive Director, NM Retail Regulatory~~
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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**1918TH REVISED RATE NO. 11B
CANCELING 187TH REVISED RATE NO. 11B**

**WATER AND SEWAGE PUMPING SERVICE--
TIME-OF-USE RATE**

Page 1 of 4

APPLICABILITY: The rates on this Schedule are available to all municipal and private corporations for municipal water and sewage pumping purposes where the combined load is in excess of 2,500 kW.

Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION: The rate for electric service provided shall be the sum of A, B, C, D, and E. On-Peak period is from 8:00 am to 8:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week). Effective with the first billing cycle of May 2016 On-peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

<u>IN THE BILLING MONTHS OF:</u>	<u>June, July, and August</u>	<u>All Other Months</u>	
(A) <u>CUSTOMER CHARGE:</u> (Per Metered Account)	\$491.60 <u>243.93</u> /Bill	\$491.60 <u>243.93</u> /Bill	x
(B) <u>ENERGY CHARGE:</u>			x
On-Peak Period <u>kWh:</u>	\$0.19031670.1643002/kWh	\$0.12262310.1420054/kWh	x
Off-Peak Period <u>kWh:</u>	\$0.03674130.0518635/kWh	\$0.03674130.0518635/kWh	x
(C) <u>FUEL AND PURCHASED POWER COST ADJUSTMENT:</u>			x
The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 10-0008614-00332-UT. For this tariff, base rate is \$0.02116200.0259317 per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2011 <u>January 10, 2015.</u>			x

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

Advice Notice No. 425 507

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**1918TH REVISED RATE NO. 11B
CANCELING 187TH REVISED RATE NO. 11B**

**WATER AND SEWAGE PUMPING SERVICE--
TIME-OF-USE RATE**

Page 2 of 4

- (D) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.
- (E) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: The monthly minimum charge under this Schedule is the customer charge.

METERING VOLTAGE: The above rates are based upon metering at a normal primary voltage of 2,400 volts or higher. The Company reserves the right to meter customer's requirements at the normal available secondary voltage, in which event the billing kWh shall be the metered kWh multiplied by 1.02 to allow for transformer losses.

SERVICE VOLTAGE: The Company will continue to serve existing installations, as of the effective date of this Schedule, at the voltages now furnished. For motor loads to be installed at new locations or additional motor loads to be installed at existing locations, the service voltage to be furnished by Company will be nominally:

For individual loads rated 50 kW or less, 240 volts, three-phase.

For individual loads rated above 50 kW, at the primary voltage available in the area.

For lighting and incidental use at voltages other than above, Company will continue to furnish such special voltages up to the capacity of its existing facilities. For additional requirements at existing locations and for new service locations, customer shall provide the necessary transformers for lighting and other incidental use.

POWER FACTOR: The above rates are based upon the customer's maintaining, at the time of its maximum demand, a power factor as determined by accepted metering standards of not less than 90 percent leading or lagging, and such minimum power factor shall be maintained by customer at each point of service.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However interruptions or partial interruptions may occur or service may be

Advice Notice No. ~~425~~ 507

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**1918TH REVISED RATE NO. 11B
CANCELING 187TH REVISED RATE NO. 11B**

**WATER AND SEWAGE PUMPING SERVICE--
TIME-OF-USE RATE**

Page 3 of 4

curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable in damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The meter socket must be installed on each service location at a point accessible from a public right-of-way or PNM easement without any intervening wall, fence, or other obstruction.

SUBSTATION AND PROTECTIVE EQUIPMENT: For all existing installations as of April 24, 1972, the Company will continue to furnish the existing substation equipment as now installed. The Company may require the customer to advance a part or all of the cost of facilities required to provide service for new load additions at existing locations or for service at new locations when the load is 50 kW or less and the estimated revenue does not justify the necessary investment.

For service at new locations when the load is greater than 50 kW, all transformers, the necessary distribution structures, voltage regulating devices, lightning arrestors, and accessory equipment required by the customer in order to utilize the Company's service shall be installed, paid for, owned, operated, and maintained by the customer.

The customer shall also provide at his expense suitable protective equipment and devices so as to protect Company's system and its service, to other electric users, from disturbances or faults that may occur on customer's system or equipment. This must include a gang-operated switch capable of interrupting the customer's entire load.

All such substation and protective equipment is to be installed by the customer and shall be of an approved design and shall conform to the Company's standards and Rules and Regulations. The customer shall at all times keep each of the three phases balanced as far as practicable so as not to affect service and voltage to other customers served by the Company. The customer shall not operate any equipment in a manner that will cause voltage disturbances elsewhere on the Company's system.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is

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Advice Notice No.-425 507

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~1918~~TH REVISED RATE NO. 11B
CANCELING ~~187~~TH REVISED RATE NO. 11B

WATER AND SEWAGE PUMPING SERVICE--
TIME-OF-USE RATE

Page 4 of 4

rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

TERMS OF CONTRACT: Company reserves the right to require a suitable contract where additional facilities or extensions are required to be furnished by Company to provide additional or enlargement of service at existing or new service locations.

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service and shall not be resold or shared with others.

Advice Notice No. ~~425~~ 507

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**4039TH REVISED RATE NO. 12
CANCELING 389TH REVISED RATE NO. 12**

COGENERATION AND SMALL POWER PRODUCTION FACILITIES

Page 1 of 8

APPLICABILITY:

This Rate is available to qualifying cogeneration and small power production facilities which operate in parallel with the Company's system and which demonstrate Qualifying Facility ("QF") status in accordance with Federal Energy Regulatory Commission ("FERC") Rules and Regulations, 18 CFR Part 292, Subpart B, Sections 292.201 through 292.207. This Schedule sets out the Company's energy purchase rates and the applicable rates and charges for specified services provided by the Company pursuant to 17.9.570 NMAC ("Rule 570"). Service will be furnished in accordance with the Company's Rules and Regulations, the New Mexico Public Regulation Commission's ("NMPRC's") Rules and Regulations as applicable and any amendments or modifications thereto. For QFs rated at 10kW or less, the provisions of Rule 570.14 and any amendments or modifications thereto apply. These Rules and Regulations, the Company's retail rate schedules and NMPRC Rules and Regulations as amended, are a part of this Schedule as if fully written herein. These documents are available at the Company's offices and are on file with the NMPRC.

TERRITORY:

All territory served by the Company in New Mexico.

TYPE OF SERVICE:

The type of service will be alternating current, generated at 60 hertz, single- or three-phase at one of the Company's standard primary or secondary distribution voltages.

TERMS AND CONDITIONS:

Service will be rendered under this Schedule upon submission of an Application for Interconnection by the QF, its acceptance by the Company and ultimate execution of an Interconnection Agreement which delineates the obligations of the QF and the Company, and upon completion of the interconnection of the QF to the Company's system.

INTERCONNECTION REQUIREMENTS:

For QFs rated at 10 MW or less the interconnection provisions of Rule 568 apply. For QFs rated greater than 10 MW the interconnection provisions of Rule 569 apply.

METERING OPTIONS:

The metering options available to QFs are specified in Rule 570. For QFs rated at 10 kW or less, Rule 570.14 applies.

Advice Notice No. 488507

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Vice President, PNM Regulatory Affairs

GCG #547470

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**4039TH REVISED RATE NO. 12
CANCELING 389TH REVISED RATE NO. 12**

COGENERATION AND SMALL POWER PRODUCTION FACILITIES

Page 2 of 8

ENERGY PURCHASES

ENERGY PURCHASE PAYMENTS TO QUALIFYING FACILITIES:

For a QF that wishes to contract for energy sales to the Company, the Company will offer rates based upon the average of the Company's economy energy purchases for the corresponding month of the preceding calendar year. In the event the Company does not engage in economy energy purchases in any given month, the energy rate for that month will be the monthly average of hourly incremental energy costs including variable operation and maintenance expenses.

**Purchase Energy Rates By Costing Period (in \$ per kWh)
Secondary Distribution Voltage**

Applies to Schedules 1A, 1B, 2A, 2B, 3B, 3C, 10A & 10B

	<u>On-Peak Rate Per kWh</u>	<u>Off-Peak Rate Per kWh</u>	<u>Non-TOU Rate Per kWh</u>	
January	\$0.031244	\$0.031244	\$0.031244	✖
February	\$0.026745	\$0.031343	\$0.030374	✖
March	\$0.010698	\$0.021396	\$0.015283	✖
April	\$0.033164	\$0.026745	\$0.029801	✖
May	\$0.021396	\$0.021396	\$0.021396	✖
June	\$0.028885	\$0.028885	\$0.028885	✖
July	\$0.048033	\$0.034986	\$0.039826	✖
August	\$0.056699	\$0.056699	\$0.056699	✖
September	\$0.030294	\$0.030294	\$0.030294	✖
October	\$0.024549	\$0.037886	\$0.034042	✖
November	\$0.032094	\$0.024605	\$0.026695	✖

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG #547470

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~4039~~TH REVISED RATE NO. 12
CANCELING ~~389~~TH REVISED RATE NO. 12

COGENERATION AND SMALL POWER PRODUCTION FACILITIES

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December \$0.039583 \$0.039583 \$0.039583

Primary Distribution Voltage

Applies to Schedules 4B & 11B

	<u>On-Peak Rate Per kWh</u>	<u>Off-Peak Rate Per kWh</u>	
January	\$0.030951	\$0.030951	✕
February	\$0.026495	\$0.031050	✕
March	\$0.010598	\$0.021196	✕
April	\$0.032854	\$0.026495	✕
May	\$0.021196	\$0.021196	✕
June	\$0.028615	\$0.028615	✕
July	\$0.047584	\$0.034659	✕
August	\$0.056169	\$0.056169	✕
September	\$0.030010	\$0.030010	✕
October	\$0.024319	\$0.037532	✕
November	\$0.031794	\$0.024375	✕
December	\$0.039213	\$0.039213	✕

Substation Voltage

Applies to Schedule 30B & 34B

	<u>On-Peak Rate Per kWh</u>	<u>Off-Peak Rate Per kWh</u>	
January	\$0.030543	\$0.030543	✕
		Advice Notice No. 488 ⁵⁰⁷	✕
			✕

Gerard T. Ortiz
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GCG #54747

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February	\$0.026145	\$0.030640	
March	\$0.010458	\$0.020916	
April	\$0.032420	\$0.026145	✕
May	\$0.020916	\$0.020916	✕
June	\$0.028237	\$0.028237	✕
July	\$0.046955	\$0.034201	✕
August	\$0.055427	\$0.055427	✕
September	\$0.029614	\$0.029614	✕
October	\$0.023998	\$0.037036	✕
November	\$0.031374	\$0.024053	✕
December	\$0.038695	\$0.038695	✕

Sub-Transmission Voltage

Applies to Schedule 5B

	<u>On-Peak Rate Per kWh</u>	<u>Off-Peak Rate Per kWh</u>	
January	\$0.030382	\$0.030382	✕
February	\$0.026008	\$0.030479	✕
March	\$0.010403	\$0.020806	✕
April	\$0.032249	\$0.026008	✕
May	\$0.020806	\$0.020806	✕
June	\$0.028088	\$0.028088	✕
July	\$0.046708	\$0.034022	✕

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

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PUBLIC SERVICE COMPANY OF NEW MEXICO
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COGENERATION AND SMALL POWER PRODUCTION FACILITIES

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August	\$0.055136	\$0.055136	
September	\$0.029458	\$0.029458	
October	\$0.023872	\$0.036841	
November	\$0.031209	\$0.023927	✕
December	\$0.038491	\$0.038491	✕

Transmission Voltage

Applies to Schedule 15B & ~~33~~B

	<u>On-Peak Rate Per kWh</u>	<u>Off-Peak Rate Per kWh</u>	
January	\$0.030324	\$0.030324	✕
February	\$0.025958	\$0.030420	✕
March	\$0.010383	\$0.020766	✕
April	\$0.032187	\$0.025958	✕
May	\$0.020766	\$0.020766	✕
June	\$0.028034	\$0.028034	✕
July	\$0.046618	\$0.033956	✕
August	\$0.055030	\$0.055030	✕
September	\$0.029402	\$0.029402	✕
October	\$0.023826	\$0.036770	✕
November	\$0.031149	\$0.023881	✕
December	\$0.038417	\$0.038417	✕

¹On-Peak (8 a.m.--8 p.m. Monday-Friday) Only Energy Purchase Payments--Available to QFs whose generation is limited to peak periods only.

Advice Notice No. ~~488~~⁵⁰⁷

Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
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COGENERATION AND SMALL POWER PRODUCTION FACILITIES

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²Off-Peak Only Energy Purchase Payments--Available to QFs whose generation is limited to off-peak periods only.

³Average Energy Purchase Payments--Available to QFs whose generation is not limited to peak periods only or off-peak periods only.

OPERATIONAL CIRCUMSTANCES:

In the event the Company disconnects and thereby discontinues purchases from a QF due to operational circumstances, the Company will notify the NMPRC and the affected QF in accordance with Rule 570.13(C).

Actual discontinuance of purchases from QFs will take place only when such operational circumstances actually occur and not necessarily during periods when such conditions are expected to occur.

POWER SALES

SUPPLEMENTARY POWER:

QFs are entitled to supplementary power under the same retail rate schedules that would be applicable to other retail customers of the Company having power requirements equal to the supplementary power requirements of the QF.

To determine the amount of supplementary power required, supplementary power will be measured to each QF through appropriate metering devices which are adequate to determine whether supplementary or backup power is being utilized. The Company reserves the right to determine the appropriate metering configuration.

BACKUP POWER:

QFs are entitled to backup power for forced outages under the same retail rate which would be applicable absent its QF generation. Rates for backup power will not contain demand ratchets or power factor penalties.

The rates for backup power may contain a monthly reservation fee, not to exceed 10 percent of the monthly demand charge contained in the retail rate schedule (unless otherwise permitted by the NMPRC) which would be applicable to the customer absent its QF generation. Such a reservation fee will not be charged while a QF is taking backup power. Reservation fees are stated as per a kW charge. Monthly reservation fees are computed by applying the per kW charges times the demand which would be applicable absent QF generation.

MAINTENANCE POWER:

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Gerard T. Ortiz
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Maintenance power rates will be the same as the retail rate which would be applicable to the QF absent its QF generation. The maintenance power demand charge will be determined by multiplying the applicable demand charge by the ratio of the number of weekdays maintenance power was required to the total weekdays in the month as summarized below. No demand charge will apply for maintenance power taken during the Company's off-peak hours.

\$___/kW times the ratio of $\frac{\text{Number of Weekdays in maintenance period}}{\text{Number of weekdays in the month}}$

MAINTENANCE AVAILABILITY:

Maintenance power will be available to QFs for a minimum period of thirty days per year, scheduled outside of the designated peak months of the Company.

MAINTENANCE POWER SCHEDULING:

Maintenance power will be provided to QFs for periods of maintenance scheduled in advance with the concurrence of the Company. A QF must schedule such maintenance with the Company by giving the Company advance notice dependent on the length of the outage as follows:

<u>Length of Outage*</u>	<u>Advance Notice*</u>
1 day	5 days
2 to 5 days	30 days
6 to 30 days	90 days

*All days are calendar days.

INTERRUPTIBLE POWER:

On a case by case basis, PNM will offer an interruptible rate to any QF that requests such a rate. PNM will make its initial offer of this rate within 30 business days of receipt of such a request by a QF.

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG #547470

**PUBLIC SERVICE COMPANY OF NEW MEXICO
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**4039TH REVISED RATE NO. 12
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COGENERATION AND SMALL POWER PRODUCTION FACILITIES

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CUSTOMER CHARGE:

The Customer charges from a utility for a QF shall be the same as the retail tariff rate applicable to the customers in the same rate class absent its QF generation.

NET RATE PER MONTH OR ANY PART THEREOF FOR EACH SERVICE LOCATION:

The following peak period demand charges, peak and off-peak energy rates by rate class are applicable to supplementary, back-up, maintenance, and interruptible power as specified in the preceding provisions of this Schedule. The Company's retail rate schedules as amended are part of this Schedule as if fully written herein, and must be referenced to determine applicable provisions specific to each Rate Class that are not explicitly provided in this Rate Schedule. This Rate Schedule does, however, contain exceptions to the application of the retail rate schedules to comply with the provisions of Rule 570 and must be applied as specified herein.

For QFs rated at 10kW or less, the provisions of Rule 570.14 and any amendments or modifications thereto apply.

TERMS OF PAYMENT:

The Company will prepare a monthly billing statement itemizing all applicable charges due the Company for supplementary power, back-up power, maintenance power, and/or interruptible power and also itemizing all applicable credits due the QF for Energy Purchases. If the amount due the QF exceeds that due the Company a payment will be made to the QF. All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

Advice Notice No. ~~488~~507

Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG #517470

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

~~9TH~~ ~~8TH~~ **REVISED RATE NO. 15B**
CANCELING ~~87TH~~ REVISED RATE NO. 15B

LARGE SERVICE FOR PUBLIC UNIVERSITIES $\geq 8,000$ KW
MINIMUM WITH CUSTOMER-OWNED GENERATION FACILITIES SERVED AT 115 KV

Page 1 of 5

APPLICABILITY: The rates on this schedule are available to any retail Customer which is a public university, with a minimum contract demand of 8,000 kW or more, operates Customer-owned generation, requests full requirements service from the Company commensurate with the Customer's normal electric service requirements, and takes service directly from PNM's transmission system at 115 kV. Minimum demand under this schedule shall be 8,000 kW.

Service shall be exclusively furnished at the Company's available transmission voltage of 115 kV. Service will be furnished in accordance with the Company's Rules and Regulations and any subsequent revisions thereto. Those Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. Those Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The service available under this Schedule shall be three-phase service delivered at the Company's available transmission voltage of 115 kV.

FULL REQUIREMENTS SERVICE: The Company shall provide electrical service to a Customer under this rate sufficient to meet the entire capacity and energy requirements of the Customer at the Points of Delivery specified in the Customer's Service Agreement. Subject to the other applicable provisions in this Schedule, the Company will provide service under this Schedule sufficient to satisfy up to the full service and load requirements of the Customer at any time.

1. The Company will provide full requirements service under this rate schedule to eligible retail customers who take service from PNM's transmission system at 115 kV only if the Customer agrees in a Service Agreement with the Company to an initial period of service under this Schedule of not less than one year. The Customer must sign a facilities contract or appropriate line extension agreement for any transmission or distribution cost incurred by the Company for the Customer not covered through rates on this schedule. Liquidated damages provisions will be included in any such contract or line extension agreement unless otherwise agreed to by the Company.
2. All Service Agreements, facilities contracts and line extension agreements between the Customer and the Company must be in writing. Any modifications to those agreements must also be in writing and executed as a supplement to the relevant contract.

SUBSTATION EQUIPMENT: All substation transformers, the necessary structures, voltage regulating devices, lightning arrestors, and accessory equipment required by the Customer in order to utilize the

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
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**~~9TH~~ ~~8TH~~ REVISED RATE NO. 15B
CANCELING ~~8TH~~ REVISED RATE NO. 15B**

LARGE SERVICE FOR PUBLIC UNIVERSITIES $\geq 8,000$ KW
MINIMUM WITH CUSTOMER-OWNED GENERATION FACILITIES SERVED AT 115 KV

Page 2 of 5

Company's service at 115 kV shall be installed, paid for, owned, operated, and maintained by the Customer.

The Customer shall also provide, at Customer's expense, suitable protective equipment and devices so as to protect Company's system and service, and other electric users, from disturbances or faults that may occur on the Customer's system or equipment. All Customer-owned generation facilities shall be installed and operated in accordance with the Company's interconnection and safety standards, as specified in an attachment to Customer's Service Agreement.

The Customer shall at all times keep each of the three phases balanced as far as practicable so as not to affect service and voltage to other customers served by the Company. The Customer shall not operate any equipment in a manner, which will cause voltage disturbances elsewhere on the Company's system.

SUBSTATION BACKUP CAPACITY: The Company and the Customer may agree in Customer's Service Agreement that for a specified period of time certain Company-owned substation and distribution capacity shall be reserved for Customer to provide backup service when a Customer-owned substation is temporarily out of service for maintenance or repairs. Such temporary backup service shall be billed at the rate of \$0.77 per kW of demand per billing month. Such demand shall be the higher of (1) the amount of reserve capacity specified in the contract; or (2) the highest actual metered demand at the back-up point of delivery during previous 12 consecutive months of any billing period.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, and G below. On-Peak period is from 8:00 am to 8:00 pm Monday through Friday (maximum of 60 hours per week). Off-Peak period is all times other than On-Peak period (minimum of 108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

<u>IN THE BILLING MONTHS OF:</u>		<u>June, July and August</u>	<u>All Other Months</u>		
(A)	<u>CUSTOMER CHARGE:</u> (Per Metered Account) (Includes up to 1 st 3,000 kW of Billed Demand)	\$74,080.00 <u>4,412.74/Bill</u>	\$63,440.00 <u>4,412.74/Bill</u>	x	x
					x

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x

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GCG#5

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

9TH 8TH REVISED RATE NO. 15B
CANCELING 87TH REVISED RATE NO. 15B

LARGE SERVICE FOR PUBLIC UNIVERSITIES $\geq 8,000$ KW
MINIMUM WITH CUSTOMER-OWNED GENERATION FACILITIES SERVED AT 115 KV

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(B) ON-PEAK DEMAND
CHARGE: \$9.2619.82/kW \$7.9317.22/kW
(For All Billing Demand kW
Above 8,000 kW
During On-Peak Period)

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**9TH 8TH REVISED RATE NO. 15B
CANCELING 8TH REVISED RATE NO. 15B**

LARGE SERVICE FOR PUBLIC UNIVERSITIES ≥ 8,000 KW
MINIMUM WITH CUSTOMER-OWNED GENERATION FACILITIES SERVED AT 115 KV

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(C)(1) <u>ENERGY CHARGE:</u>			
On-Peak Period kWh:	\$0.07948950.0403753/kWh	\$0.06212730.0348966/kWh	x
Off-Peak Period kWh:	\$0.03173320.0277558/kWh	\$0.03173320.0277558/kWh	x

(C)(2) <u>ENERGY CHARGE:</u>			
On-Peak kWh:	\$0.0404408/kWh	\$0.0349532/kWh	
Off-Peak kWh	\$0.0278009/kWh	\$0.0278009/kWh	x

- (D) POWER FACTOR ADJUSTMENT: The above rates are based on a power factor of 90 percent or higher and the Company will supply, without additional charge, a maximum of 0.48 kVAR (Reactive Kilovolt Amperes) per kW of billable demand Total Demand. The monthly bill will be increased \$0.26 for each kVAR in excess of the allowed 0.48 kVAR per kW of billable demand Total Demand. x
x
x

- (E) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 10-0008614-00332-UT. For this tariff, base rate is \$0.02073190.0254639 per kWh, effective for fuel and purchased power expenses incurred beginning May 15, 2011 January 10, 2015.

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (F) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.

- (G) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the Company and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

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PUBLIC SERVICE COMPANY OF NEW MEXICO
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~~9TH~~ ~~8TH~~ REVISED RATE NO. 15B
CANCELING ~~87TH~~ REVISED RATE NO. 15B

LARGE SERVICE FOR PUBLIC UNIVERSITIES $\geq 8,000$ KW
MINIMUM WITH CUSTOMER-OWNED GENERATION FACILITIES SERVED AT 115 KV

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MONTHLY MINIMUM CHARGE: Absent any demand or consumption, the monthly minimum charge under this Schedule is the Customer Charge ~~plus the minimum demand multiplied by the On-Peak Demand Charge rate.~~

DETERMINATION OF ON-PEAK PERIOD TOTAL DEMAND CHARGE: The On-Peak period demand for any month shall be as determined by the actual metered Customer coincident peak kW On-Peak demand served from the Company's 115 kV transmission facilities multiplied by the On-Peak Demand Charge rate, but in no event shall it be less than the highest of the following: (a) the actual metered Customer coincident peak kW demand ~~minus minimum demand~~; or (b) 50 percent of the highest Customer coincident peak kW demand during the preceding 11 months ~~minus minimum demand~~ unless otherwise provided for in Customer's Service Agreement, or (c) ~~zero~~ the minimum demand.

Metering shall normally be at PNM's transmission voltage of 115 kV. Upon mutual agreement between the Company and the Customer, metering may be at the secondary voltage of a Customer-Owned substation in which event the metered kWh, kW demand, and kVAR shall be multiplied by 1.02 to allow for losses.

Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the Customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and kVAR by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the Customer.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, or are the results of acts of public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable for damages. Customers whose reliability requirements exceed these normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Customer shall provide the company with reasonable access to Customer owned substation equipment. Procedures and method for access must be mutually agreeable between Customer

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Gerard T. Ortiz

~~Executive Director, NM Retail Regulatory~~
~~Services Vice President, PNM Regulatory Affairs~~

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**9TH 8TH REVISED RATE NO. 15B
CANCELING 87TH REVISED RATE NO. 15B**

LARGE SERVICE FOR PUBLIC UNIVERSITIES \geq 8,000 KW
MINIMUM WITH CUSTOMER-OWNED GENERATION FACILITIES SERVED AT 115 KV

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and Company, and shall be addressed in Customer's Service Agreement. Emergency situations will be addressed by the Customer and the Company.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

LIMITATION OF RATE: The Customer shall not resell electric power and energy purchased under this Schedule unless agreed to in writing by the Company; provided, however, nothing herein shall be interpreted to prohibit: (A) the Customer from distributing and providing electric power and energy purchased under this Schedule to any affiliate or wholly-owned subsidiary of the Customer or to any third party entities located on the Customer's campus which receive electric service off of Customer's Customer-owned electric distribution system; or (B) the sale or provision of electric power and energy purchased under this Schedule to the Customer, its affiliates or wholly-owned subsidiaries, or to any third party entities located on the Customer's campus which receive electric service off of Customer's Customer-owned electric distribution system by any entity to which Customer's Service Agreement applicable to service hereunder is assigned. Electric service under this Schedule is not available to customers served in the downtown area of Albuquerque when served by the underground network system, and shall not be resold or shared with others.

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~98~~TH REVISED RATE NO. 16
CANCELING ~~87~~TH REVISED RATE NO. 16

SPECIAL CHARGES

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APPLICABILITY: The rates on this Schedule are applicable to any customer who is rendered any of the services described in this Schedule. Applicable federal, state and local taxes and fees will be added to these charges. x

TERRITORY: All territory served by the Company in New Mexico.

CHARGES FOR SPECIAL SERVICE:

1. Temporary Service - For the initial establishment of any temporary 120/240 volt single phase service to any portable or nonpermanent structure, a connection charge of

\$263.00 for Overhead Service
\$50.00 for Underground Service

will be ~~made assessed~~ when not more than the service drop is required. x

If more than a single phase service drop is required for such temporary connections, an additional charge equal to the cost that is in excess of the cost of the service drop shall be paid by the customer.

2. Collection Charge - If the customer does not pay for electric service furnished within the time specified in the applicable rate schedule, the Company may, after notice is given to the ~~Customer~~customer, ~~make assess~~ a collection charge of x

\$911.00 x

in the event it is necessary for the Company to collect or make payment arrangements away from the Company's established office.

3. Reconnection Charge - Whenever service is discontinued for nonpayment of charges, nonuse, or similar reasons as defined in ~~Rule 10~~the Company's rules on file with the ~~NMPRC~~ in the usual course of business, a charge of x

\$911.00 x

may be ~~made assessed~~ by the Company to cover the cost of reconnecting service when it is again requested if reconnection is made during normal Company business hours. If the ~~Customer~~customer requests reconnection of service after normal business hours and the Company's schedule can accommodate such request, then a charge of x

\$913.00 x

may be ~~made assessed~~ by the Company for such ~~special~~ service. x

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CANCELING ~~87~~TH REVISED RATE NO. 16

SPECIAL CHARGES

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4. Charge for Returned Check or Bank Draft Payment - The Company may apply a charge of ~~X~~

\$15.00

to the Customer's ~~customer's~~ account balance in the event the Customer's ~~customer's~~
~~check or bank draft payment is returned for insufficient funds to the Company unpaid.~~ ~~X~~

- ~~5. Customer Deposit - A deposit, when required, shall not exceed an amount equal to one-
sixth (1/6) of the estimated annual billings or not more than one and one-half (1-1/2) times
the estimated maximum monthly bill. Simple interest on deposits at the rate not less than
the rate required by law shall accrue annually to the Customer's credit for the time the
deposit is held by the Company. The deposit shall cease to draw interest on the date it is
returned, on the date service is terminated, or on the date the refund is sent to the
Customer's last known address.~~ ~~X~~

- ~~65. Charge for Meter Test - Upon request by a Customer-customer the Company shall make
a test of the meter serving himthe customer. If the meter has been tested within the last
18 months, the Company may charge the Customer-customer.~~ ~~X~~

\$21.00

~~for making such atthe test, such charge to be refunded to the Customer-customer
whenever the meter proves to be in excess of two percent in error.~~ ~~X~~

- ~~76. Connect Charge - For the initial establishment of any new customer account during
regular business hours where service is off, a connect charge of \$711.00 will be made
assessed by the Company to cover the costs incurred in establishing a new customer
account. If the New customer requests establishment of a new customer account orders
worked after normal business hours and the Company's schedule can accommodate
such request, then a charge of will be billed at \$1014.00 will be assessed.~~ ~~X~~

~~For the initial establishment of any new customer account during regular business hours
where service is already on, a charge of \$6.00 will be assessed by the Company~~ ~~X~~

- ~~87. Line Extension Estimate - A cost of \$57.00 per hour may be charged for the preparation
of a formal, binding cost estimate for line extension construction or maintenance or
related work to be performed at the customer's request, over and beyond the non-binding
budgetary estimate routinely given at no cost. Each formal estimate is binding upon PNM
for thirty (30) days. If the customer accepts the formal cost estimate and agrees to have
PNM perform the work described in the work order estimate, the total cost of the estimate
will be applied to reduce the customer's contribution to perform the job related work.~~

Advice Notice No. 425507

Gerard Ortiz
Executive Director, NM Retail Regulatory Services
Vice President, PNM Regulatory Affairs

GCG#512364

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

98TH REVISED RATE NO. 16
CANCELING 87TH REVISED RATE NO. 16

SPECIAL CHARGES

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98. Tampering Charge – In cases of meter tampering, bypassing or diversion of a meter, an amount of \$200.00 shall be charged in addition to the amount due for usage and other charges as applicable. The customer shall be charged for all material and equipment necessary to repair or replace all Company equipment damaged due to meter tampering, of bypassing or other service diversion, and other costs necessary to correct service diversion where there is no damage to Company equipment damage, including incidents where service is reconnected without authority. An itemized bill of such charges must be provided to the customer. x
109. Late Payment Charge - All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional charge of 0.667 percent per month to the total balance in arrears, excluding gross receipts tax. Partial payment of amount due by Customer customer is applied first to oldest bill, including any other fees or charges assessed, if any, before any amount is applied to current bill. Customers qualifying to receive assistance pursuant to the LIHEAP program are exempt from the application of any late payment charges. x
10. Charge for Reconnection at the Pole/Transformer – Whenever service is disconnected at the pole/transformer for nonpayment of charges, nonuse, inability to access or other reasons as defined in the Company's rules on file with the NMPRC, a charge of \$164.00 shall be assessed by the Company to reconnect service at the pole/transformer. x
11. OMR Meter Installation Charge – In the event a structure is built so that the meter location is inaccessible or the meter becomes inaccessible to Company employees due to locked gates, customer pets or for any reason under the control of the customer and not by the Company, a charge of \$16.00 will be assessed for the installation of a remote meter reading device. x

Advice Notice No. 425507

Gerard Ortiz
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Vice President, PNM Regulatory Affairs

GCG#512364

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**154TH REVISED RATE NO. 20
CANCELING 143TH REVISED RATE NO. 20**

**INTEGRATED SYSTEM STREETLIGHTING
AND FLOODLIGHTING SERVICE – NEW INSTALLATIONS–**

Page 1 of 10

APPLICABILITY: Applicable to streetlighting and floodlighting systems and under contract with any municipal corporation or other political subdivision within the State of New Mexico.

AVAILABILITY: Available within ~~all areas served by the company in New Mexico~~ the incorporated limits of cities and towns and adjacent territory served by the Company in its Albuquerque, Valencia, Sandoval, Clayton, Deming, Las Vegas, East Mountain, and Santa Fe Divisions and territory contiguous thereto.

MINIMUM CHARGE: Payment for lamps, standards, and lighting fixtures installed in accordance with the rates specified below.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

NET RATE PER MONTH OR PART THEREOF: The charge per month will be the sum of the applicable components of A, B, C, D, E, & F and G.

A. LIGHT CHARGE (for unmetered lights where maintenance is provided by the Company and included in the Monthly Charge):

Standard Light Type	Monthly kWh Usage	Monthly Charge (Company Owned)	Monthly Charge (Customer Owned)
Mercury Vapor ("MV") Lights (1)			
175W MV	73	\$16.83	\$8.16
400W MV	162	\$27.22	\$18.11
Low Pressure Sodium ("LPS") Lights (1)			
55W LPS	28	\$12.93	\$3.13
135W LPS	63	\$18.49	\$7.04
High Pressure Sodium ("HPS") Lights			
70W HPS	31	\$12.14	\$3.47
100W HPS	45	\$13.70	\$5.03
200W HPS	89	\$18.45	\$9.95
250W HPS	107	\$21.07	\$11.96
400W HPS	165	\$27.56	\$18.45

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Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#516817

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**154TH REVISED RATE NO. 20
CANCELING 143TH REVISED RATE NO. 20**

**INTEGRATED SYSTEM STREETLIGHTING
AND FLOODLIGHTING SERVICE –NEW INSTALLATIONS–**

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Light Emitting Diode ("LED") Lights

43W LED Streetlight	15	\$9.55	N/A
54W LED Streetlight	19	\$9.97	N/A
130W LED Streetlight	46	\$12.67	N/A
258W LED Streetlight	92	\$21.41	N/A

(1) Service under this rate is restricted to those installations and customers receiving service as of August 21, 2011.

B. METERED SERIES STREET LIGHTING: For PNM owned and maintained metered lights, and customer owned metered lights where maintenance is not provided by the Company and is not included in the monthly charge.

Description	Monthly Rate (Company Owned (1))	Monthly Rate (Customer Owned)
Metered Lighting	\$0.229523	\$0.0958247

(1) Service under this rate is restricted to those installations receiving service as of ~~November 1, 2014~~ August 21, 2011.

C. CUSTOMER OWNED AND MAINTAINED LIGHTING Charges: (for unmetered lights where maintenance is not provided by the Company and is not included in the Monthly Charge)

Fixture Wattage Range	Monthly kWh Usage (2)	Monthly Charge
From 0.0 to 10.0 Watts	3.555	\$0.34
From 10.1 to 20.0 Watts	7.110	\$0.68
From 20.1 to 30.0 Watts	10.665	\$1.02
From 30.1 to 40.0 Watts	14.220	\$1.36
From 40.1 to 50.0 Watts	17.775	\$1.70
From 50.1 to 60.0 Watts	21.330	\$2.04
From 60.1 to 70.0 Watts	24.885	\$2.38
From 70.1 to 80.0 Watts	28.440	\$2.73
From 80.1 to 90.0 Watts	31.995	\$3.07
From 90.1 to 100.0 Watts	35.550	\$3.41
From 100.1 to 110.0 Watts	39.105	\$3.75
From 110.1 to 120.0 Watts	42.660	\$4.09
From 120.1 to 130.0 Watts	46.215	\$4.43

Advice Notice No. 478

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**154TH REVISED RATE NO. 20
CANCELING 143TH REVISED RATE NO. 20**

**INTEGRATED SYSTEM STREETLIGHTING
AND FLOODLIGHTING SERVICE – NEW INSTALLATIONS**

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From 130.1 to 140.0 Watts	49.770	\$4.77
From 140.1 to 150.0 Watts	53.325	\$5.11
From 150.1 to 160.0 Watts	56.880	\$5.45
From 160.1 to 170.0 Watts	60.435	\$5.79
From 170.1 to 180.0 Watts	63.990	\$6.13
From 180.1 to 190.0 Watts	67.545	\$6.47
From 190.1 to 200.0 Watts	71.100	\$6.81
From 200.1 to 210.0 Watts	74.655	\$7.15
From 210.1 to 220.0 Watts	78.210	\$7.49
From 220.1 to 230.0 Watts	81.765	\$7.84
From 230.1 to 240.0 Watts	85.320	\$8.18
From 240.1 to 250.0 Watts	88.875	\$8.52
From 250.1 to 260.0 Watts	92.430	\$8.86
From 260.1 to 270.0 Watts	95.985	\$9.20
From 270.1 to 280.0 Watts	99.540	\$9.54
From 280.1 to 290.0 Watts	103.095	\$9.88
From 290.1 to 300.0 Watts	106.650	\$10.22
From 300.1 to 310.0 Watts	110.205	\$10.56
Fixture Wattage Range	Monthly kWh Usage (1)	Monthly Charge
From 310.1 to 320.0 Watts	113.760	\$10.90
From 320.1 to 330.0 Watts	117.315	\$11.24
From 330.1 to 340.0 Watts	120.870	\$11.58
From 340.1 to 350.0 Watts	124.425	\$11.92
From 350.1 to 360.0 Watts	127.980	\$12.26
From 360.1 to 370.0 Watts	131.535	\$12.60
From 370.1 to 380.0 Watts	135.090	\$12.94
From 380.1 to 390.0 Watts	138.645	\$13.29
From 390.1 to 400.0 Watts	142.200	\$13.63

- (1) Monthly kWh usage = Maximum Wattage in range x ~~356~~355.5 hours per month / 1,000 Watts per kW.
- (2) For alternative lights larger than 400W, the applicable usage and rate shall be the sum of the 390.1 - 400.0 Watts row in the table above plus a wattage range such that the resulting range encompasses the actual wattage of the light (Example: for a 600 Watt light, the applicable usage and charge is determined by adding the 390.1 – 400.0 Watts row and the 190.1 – 200.0 Watts row together, resulting in a 590.1 – 600.0 Watt Range with a monthly usage of 213.300 kWh and a monthly charge of \$20.44).

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Gerard T. Ortiz
Vice President, NM Regulatory Affairs

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
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DB. POLE CHARGE: For company owned lighting attached to a dedicated street lighting pole.

Description	Monthly Charge (Company Owned)
Wood Pole	\$5.20
Non-Wood Pole	\$7.81

C. MONTHLY RATE: (Applicable to former PNM-TNMP customers taking electric service in the following NM counties: Grant, Lincoln, Hidalgo and Otero)

(A) Lamp Specific Charges

Metered Series Street Lighting

Per kWh Schedule I (Company Owned Light)	\$0.1038625
Per kWh Schedule II (Customer Owned Light)	\$0.0958706

Unmetered Street Lighting Schedule III - Overhead Wood Pole

Lamp Wattage	Lamp Output	Lamp Type	Lights	Usage per Mo.	Co./Cust. Owned	Monthly Rate
175	8,150 lumen	Mercury Vapor *	1	73	Company	\$7.41
400	21,500 lumen	Mercury Vapor *	1	162	Company	\$16.66
100	9,500 lumen	High Pressure Sodium	1	45	Company	\$9.68
200	22,000 lumen	High Pressure Sodium	1	89	Company	\$12.24
400	50,000 lumen	High Pressure Sodium	1	165	Company	\$16.66
55	8,000 lumen	Low Pressure Sodium	1	28	Company	\$9.68
135	22,500 lumen	Low Pressure Sodium	1	63	Company	\$13.90

* Service under this rate is restricted to those installations and customers receiving service as of September 22, 1993.

Unmetered Street Lighting Schedule IV - Overhead Metal Standard

Lamp Wattage	Lamp Output	Lamp Type	Lights	Usage per Mo.	Co./Cust. Owned	Monthly Rate
175	8,150 lumen	Mercury Vapor *	1	73	Company	\$7.41

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Gerard T. Ortiz
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400	21,500 lumen	Mercury Vapor *	1	162	Company	\$19.13
400	21,500 lumen	Mercury Vapor *	2	324	Company	\$33.52
100	9,500 lumen	High Pressure Sodium	1	45	Company	\$17.83
200	22,000 lumen	High Pressure Sodium	1	89	Company	\$19.89
400	50,000 lumen	High Pressure Sodium	1	165	Company	\$23.57
55	8,000 lumen	Low Pressure Sodium	1	28	Company	\$9.68

* Service under this rate is restricted to those installations and customers receiving service as of September 22, 1993.

Unmetered Street Lighting Schedule V - Underground

Wood Pole:

Lamp Wattage	Lamp Output	Lamp Type	Lights	Usage per Mo.	Co./Cust. Owned	Monthly Rate
175	8,150 lumen	Mercury Vapor *	1	73	Company	\$7.41
100	9,500 lumen	High Pressure Sodium	1	45	Company	\$12.52
200	22,000 lumen	High Pressure Sodium	1	89	Company	\$14.70
55	8,000 lumen	Low Pressure Sodium	1	28	Company	\$9.68

Metal Standard:

Lamp Wattage	Lamp Output	Lamp Type	Lights	Usage per Mo.	Co./Cust. Owned	Monthly Rate
400	21,500 lumen	Mercury Vapor *	1	162	Company	\$19.13
400	21,500 lumen	Mercury Vapor *	2	324	Company	\$33.52
100	9,500 lumen	High Pressure Sodium	1	45	Company	\$12.52
200	22,000 lumen	High Pressure Sodium	1	89	Company	\$20.78
400	50,000 lumen	High Pressure Sodium	1	165	Company	\$23.57
55	8,000 lumen	Low Pressure Sodium	1	28	Company	\$9.68
135	22,500 lumen	Low Pressure Sodium	1	63	Company	\$13.90

* Service under this rate is restricted to those installations and customers receiving service as of September 22, 1993.

Unmetered Street Lighting Schedule VI – Customer Owned Lighting

Lamp Wattage	Lamp Output	Lamp Type	Lights	Usage per Mo.	Co./Cust. Owned	Monthly Rate
175	8,150 lumen	Mercury Vapor	1	73	Customer	\$7.00

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400	21,500 lumen	Mercury Vapor	1	162	Customer	\$15.53
100	9,500 lumen	High Pressure Sodium	1	45	Customer	\$4.31
200	22,000 lumen	High Pressure Sodium	1	89	Customer	\$8.53
400	50,000 lumen	High Pressure Sodium	1	165	Customer	\$15.82

- E. FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 140-00332-UT. For this tariff, base rate is \$0.0264140 per kWh, effective for fuel and purchased power expenses incurred beginning January 10, 2015.

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- FE. OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.

- GF. SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

SPECIAL CONDITIONS:

I. Installation and Ownership of Lighting Facilities:

a) Company Owned Lighting Facilities-:

Upon request from the Customer, the Company shall install Company owned streetlighting fixtures at its own expense up to the limits provided by the Installation Allowance Table below, with any remaining expenses being the responsibility of the Customer. All lighting facilities shall be and remain the property of the Company.

Company Owned Light & Pole Installation Allowances

High Pressure Sodium Lighting Facilities

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Gerard T. Ortiz
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70W High Pressure Sodium Street Light	\$1,000.00
100W High Pressure Sodium Street Light	\$1,000.00
200W High Pressure Sodium Street Light	\$980.00
250W High Pressure Sodium Street Light	\$1,050.00
400W High Pressure Sodium Flood Light	\$1,050.00
400W High Pressure Sodium Street Light	\$1,050.00

Light Emitting Diode ("LED") Lighting Facilities

43W LED Street Light	\$770.00
54W LED Street Light	\$770.00
130W LED Street Light	\$760.00
258W LED Street Light	\$1,140.00

Dedicated Streetlight Poles

Wood Pole	\$850.00
Non-Wood Pole	\$1,010.00

b) Customer Owned Lighting Facilities:-

- i. The Customer shall be obligated to install its own streetlighting fixtures and poles at its own expense. The Company shall inspect and approve all Customer installed streetlighting prior to it being placed under this Rate.-
- ii. If requested by the Customer, poles, or fixtures may be installed by the Company or an agent approved by the Company. Customer shall pay the Company for all installation costs of the facilities where such installation is done by the Company or the Company's agent.
- iii. All facilities installed to provide electric service to customer owned streetlights under this tariff shall be and remain the property of the Company.
- iv. The Customer is required to provide specific performance data on the total energy consumption of each non-standard fixture installed.

A. —Applicable only to total Company-owned lighting systems:

1. Installation: A luminaire and up to 150 feet of service wire will be supplied upon request

at the Company's expense. The Company will install the luminaire on a company-owned distribution pole at no cost to the customer. The customer shall pay the Company for the additional cost of service to any location in excess of 150 feet, the installation of a stand

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Gerard T. Ortiz
Vice President, NM Regulatory Affairs

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
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~~alone streetlight pole, or for any other additional labor or materials needed to supply service to the luminaire. All such facilities shall be and remain the property of the Company.~~

- ~~2. Services and Other Appurtenances: All luminaire to be installed under the Company-owned rate shall be installed by the Company on a block-to-block basis, provided, however, that in event the customer wants the Company to install a luminaire or multiple luminaire, in an isolated area which cannot follow the block-to-block pattern, and such extension will involve a departure from such pattern, then and in such event the customer shall be obligated to pay the Company the cost and expense coincident to the construction of the additional extension.~~

~~B. Applicable Only to Total Customer-Owned Lighting Systems Which Are To Be Maintained by PNM:~~

- ~~1. All lamps, poles, or fixtures shall be installed by the Company or an agent approved by the Company, except that with written permission of the Company, the customer may install its own streetlighting facilities at its own expense.~~
- ~~2. All streetlighting facilities shall be paid for by the customer and shall be approved by the Company prior to installation.~~
- ~~3. 3. Customer shall pay Company for all installation of the facilities where such installation is done by the Company or the Company's agent.~~

II. Highway Signs:

No service to or maintenance of highway signs connected to the lighting system is included under this schedule.

III. Changes and Additions:

Relocations and changes, other than normal operation and maintenance of any luminaries, poles, or fixtures after the same have been installed, including system replacements or knock-down replacements, will be at the expense of the customer. If requested by the customer, Company agrees to make all replacements for knock-downs of Customer owned light poles and to bill the Customer for all costs associated with such replacements. Customer agrees to coordinate recovery efforts with Company in instances where Company has potential legal liability from claims of the parties responsible for Customer owned pole

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

154TH REVISED RATE NO. 20
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INTEGRATED SYSTEM STREETLIGHTING
AND FLOODLIGHTING SERVICE —NEW INSTALLATIONS—

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~~damage. —The Company will attempt to recover the costs of knock-down replacements of Company owned light poles from the parties responsible. Any unrecoverable costs will be billed to the customer. Customer agrees to coordinate recovery efforts with Company in instances where Company has potential legal liability from claims of the parties responsible for pole damage. Unrecoverable cost will be billed to the customer. The Company will furnish to the customer a copy of all information pertaining to the identity and circumstances of the knock-down when same becomes available to the Company.~~

IV. Operation and Maintenance:

A. A. —Total Company-Owned System:

The Company will perform normal operation and maintenance of the lighting system which includes routine maintenance, ~~periodic lamp replacement repairs~~ and fixture servicing sufficient to maintain an overall lighting efficiency of approximately 70 percent, and including all spot lamp replacement required by faulty lamps.

Major repair and fixture replacements required due to vandalism, vehicle accidents, projectiles, or acts of God will be performed by the Company at the expense of the customer.

Mandatory replacement of or alterations to working luminaire to bring them into compliance with existing or future laws or ordinances will be performed by the Company at the expense of the customer.

It shall be the duty of the customer to report to the Company the failure of any lamp covered by the ~~contract~~Rate to burn, or to burn adequately, and it shall thereafter be the obligation of the Company to at once restore such lamp to service subject, however, to the provisions of Special Conditions I, above and to subsequent provisions of this item as to replacements. Any lamp so reported as failing to burn, or to burn adequately, shall be replaced or repaired and returned to regular operation within seventy-two (72) hours from the time of notice of such failure to the Company. Pole hits and failures due to the loss of underground conductors or control equipment —are excluded from the 72 hour requirement and shall be repaired as material availability and scheduling permits. —

B. B. —Total Customer-Owned System: ~~The rates included herein under Part~~

~~Page 1; Section A - "Light Charge (for unmetered lights where maintenance is provided by the Company and included in the Monthly Charge": Maintenance under this section only includes periodic—faulty photoelectric cell—replacement, replacement—offaulty lamp replacement, faulty fixture fuse replacement, and incidental lens cleaning. All—other operation and maintenancemay be done by the Company at the request and expense of the~~

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
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~~customer. The Company will not stock maintenance items that are considered nonstandard by the Company for use in maintaining customer-owned lighting systems. Stocking of these nonstandard items is the sole responsibility of the customer.~~

Page 2; Sections B - "Metered Series Street Lighting", and C - "Customer Owned and Maintained Lighting". Maintenance under these sections is the responsibility of the customer.

All other operation and maintenance, including traffic control costs and troubleshooting customer owned systems may be done by the Company at the request and expense of the customer. The Company will not stock maintenance items that are considered nonstandard by the Company for use in maintaining customer-owned lighting systems. Stocking of these nonstandard items is the sole responsibility of the customer.

V. Termination:

Service to any lamp installed hereunder shall be terminated by the Company upon receipt of thirty (30) days notice and coincident with such notice, payment of the Company's depreciated investment per for any lamp and/or pole associated with the removal of any Company owned lighting facilities.

VI. In the event of a conflict between the terms of this rate schedule and any provision contained in the streetlighting contract in effect, the relevant terms of the rate schedule shall control.

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~9TH~~ ~~8TH~~ REVISED RATE NO. 30B
CANCELING ~~87TH~~ REVISED RATE NO. 30B**

**LARGE SERVICE FOR MANUFACTURING
FOR SERVICE \geq 30,000 KW MINIMUM AT
DISTRIBUTION VOLTAGE**

Page 1 of 4

APPLICABILITY: The rates on this schedule are available to any retail manufacturing customer who contracts for a definite capacity commensurate with customer's normal requirements but in no case less than 30,000 kW of capacity, who has a load factor of at least 80%, and takes service at PNM's primary distribution voltage. Minimum demand under this schedule shall be 30,000 kW.

Service shall be normally furnished and metered at the Company's available primary distribution voltage of 12,000 volts or higher. Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The service available under this Schedule shall be three-phase service delivered at the Company's available primary distribution voltage of 12,000 volts or higher. The delivery voltage of the Company will depend upon the capacity available and necessary to take care of customer's initial and contemplated future requirements and the Company shall be the sole judge as to the voltage it can make available so as to provide for adequate capacity to the customer.

SERVICE WITH A CONTRACT DEMAND OF 30,000 KW OR MORE:

1. The Company will provide service under this Rate Schedule to retail manufacturing customers who contract for a demand of 30,000 kW and a load factor of 80% who take service from PNM's primary distribution system only if the customer agrees to a specified period of service under this tariff of not less than one year. The customer must sign a facilities contract or appropriate line extension agreement for any transmission or distribution cost incurred by the Company after initiation of the contract for the customer not covered through rates on this tariff. Liquidated damages provisions will be included in the contract or line extension agreement.
2. All contract modifications must be in writing and executed as a supplement to the contract.

DISTRIBUTION EQUIPMENT: All distribution transformers, the necessary structures, voltage regulating devices, lightning arrestors, and accessory equipment required by the customer in order to utilize the

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~9TH~~ ~~8TH~~ REVISED RATE NO. 30B
CANCELING ~~8TH~~ REVISED RATE NO. 30B**

**LARGE SERVICE FOR MANUFACTURING
FOR SERVICE ≥ 30,000 KW MINIMUM AT
DISTRIBUTION VOLTAGE**

Page 2 of 4

Company's service at primary distribution level shall be installed, paid for, owned, operated, and maintained by the customer.

The customer shall also provide at customer's expense suitable protective equipment and devices so as to protect Company's system and service, to other electric users, from disturbances or faults that may occur on the customer's system or equipment.

The customer shall at all times keep each of the three phases balanced as far as practicable so as not to affect service and voltage to other customers served by the Company. The customer shall not operate any equipment in a manner, which will cause voltage disturbances elsewhere on Company's system.

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, and G below. On-Peak period is from 8:00am to 8:00pm Monday through Friday (60 hours per week). Off Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

IN THE BILLING MONTHS OF:

June, July and August

All Other Months

(A)	<u>CUSTOMER CHARGE:</u> (Per Metered Account) (Includes up to 1 st 30,000 kW of Billed Demand)	\$345,600.00 <u>27,744.61/Bill</u>	\$280,200.00 <u>27,744.61/Bill</u>	x
(B)	<u>ON-PEAK DEMAND CHARGE:</u> (For <u>All</u> Billing Demand kW Above 30,000 kW During On-Peak Period)	\$11.52 <u>24.98/kW</u>	\$9.34 <u>22.25/kW</u>	x

Advice Notice No. 425507 x

Gerard T. Ortiz
Executive Director, NM Retail Regulatory
Services Vice President, PNM Regulatory Affairs x
GCG#512360

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~9TH~~ ~~8TH~~ REVISED RATE NO. 30B
CANCELING ~~87TH~~ REVISED RATE NO. 30B

LARGE SERVICE FOR MANUFACTURING
FOR SERVICE ≥ 30,000 KW MINIMUM AT
DISTRIBUTION VOLTAGE

Page 3 of 4

(C)(1) ENERGY CHARGE:
On-Peak Period kWh: \$0.07273430.0398038/kWh \$0.05640040.0345519/kWh
Off-Peak Period kWh: \$0.03548710.0271899/kWh \$0.03548710.0271899/kWh

(C)(2) ENERGY CHARGE:
On-Peak kWh: \$0.0398013/kWh \$0.0345497/kWh
Off-Peak kWh: \$0.0271882/kWh \$0.0271882/kWh

(D) POWER FACTOR ADJUSTMENT: The above rates are based on a power factor of 90 percent or higher and the Company will supply, without additional charge, a maximum of 0.48 kVAR (Reactive Kilovolt Amperes) per kW of billable demand Total Demand. The monthly bill will be increased \$0.27 for each kVAR in excess of the allowed 0.48 kVAR per kW of billable demand Total Demand.

(E) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 10-0008614-00332-UT. For this tariff, base rate is \$0.02088210.0256507 per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2011 January 10, 2015.

x
x
x

All kWh usage under this tariff will be subject to a Fuel and Purchase Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

(F) OTHER APPLICABLE RIDERS: Any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.

(G) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the Company and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~9TH~~ 8TH REVISED RATE NO. 30B
CANCELING ~~87TH~~ REVISED RATE NO. 30B**

**LARGE SERVICE FOR MANUFACTURING
FOR SERVICE \geq 30,000 KW MINIMUM AT
DISTRIBUTION VOLTAGE**

Page 4 of 4

MONTHLY MINIMUM CHARGE: Absent any demand or consumption, the monthly minimum charge under this Schedule is the Customer Charge plus the minimum contract demand multiplied by the On-Peak Demand Charge rate.

DETERMINATION OF ~~ON-PEAK PERIOD~~ TOTAL DEMAND: The ~~On-Peak period~~ Total Demand for any month shall be as determined by appropriate measurement as defined by the Company, but in no event shall it be less than the highest of the following: (a) the actual metered kW demand ~~minus minimum demand~~; or (b) 50 percent of the highest kW demand during the preceding 11 months ~~minus minimum demand~~, or (c) ~~zero the minimum contract demand.~~

Metering shall be at PNM's primary distribution voltage.

Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and kVAR by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the customer.

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, or are the result of acts of public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable for damages. Customers whose reliability requirements exceed those normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The metering must be installed on each service location at a point accessible to Company personnel at anytime.

Advice Notice No. 425507

Gerard T. Ortiz

~~Executive Director, NM Retail Regulatory~~
Services Vice President, PNM Regulatory Affairs

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~9TH~~ ~~8TH~~ REVISED RATE NO. 30B
CANCELING ~~8TH~~ REVISED RATE NO. 30B**

**LARGE SERVICE FOR MANUFACTURING
FOR SERVICE \geq 30,000 KW MINIMUM AT
DISTRIBUTION VOLTAGE**

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TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

LIMITATION OF RATE: Electric service under this Schedule is not available for standby service, is not available to customers served in the downtown area of Albuquerque when served by the underground network system, and shall not be resold or shared with others.

Advice Notice No. 425507

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

1ST REVISED RATE NO. 33B
REPLACING ORIGINAL RATE NO. 33B

LARGE SERVICE FOR STATION POWER (TIME-OF-USE)

Page 1 of 4

APPLICABILITY: The rates on this schedule are available only to electric generation station customers who require a minimum demand for electric service of no less than 500 kW. Customer's minimum demand under this rate shall be 500 kW.

1. Service will be furnished subject to the Company's Rules and Regulations and any subsequent revisions. These Rules and Regulations are available at the Company's office and are on file with the New Mexico Public Regulation Commission. These Rules and Regulations are a part of this Schedule as if fully written herein.

TERRITORY: All territory served by the Company in New Mexico.

TYPE OF SERVICE: The service available under this schedule is provided through one of the options listed below:

1. Three-phase service delivered at the Company's available transmission voltage of 115 kV.
2. Three-phase service delivered at a Company owned distribution substation.

STATION SERVICE WITH A CONTRACT MINIMUM DEMAND OF 500 KW OR MORE: The Company will provide service under this rate schedule to electric generation station customers who require demand of 500 kW or more for a term not less than 12 months. The customer must sign a facilities contract or appropriate line extension agreement for any transmission or distribution costs incurred by the Company not covered through rates on this tariff. In that case, liquidated damages provisions will be included in the contract or line extension agreement unless otherwise agreed to by the Company.

All contract modifications must be in writing and executed as a supplement to the contract.

SUBSTATION EQUIPMENT: For customers receiving service under Option 1 of Type of Service, All substation and distribution transformers, the necessary structures, voltage regulating devices, lightning arrestors, and accessory equipment required by the customer in order to utilize the Company's service at 115 kV shall be installed, paid for, owned, operated, and maintained by the customer. For customers receiving service under Option 2 of Type of Service, distribution transformers, the necessary structures, voltage regulating devices, lightning arrestors and accessory equipment required by the customer in order to utilize the Company's service at a Company owned distribution substation shall be installed, paid for owned, operated, and maintained by the customer.

The customer shall also provide at customer's expense suitable protective equipment and devices so as to protect the Company's system and service and other electric users from disturbances or faults that may occur on the customer's system or equipment.

The customer shall at all times keep each of the three phases balanced as far as practicable so as not to affect service and voltage to other customers served by the Company. The customer shall not operate any equipment in a manner which will cause voltage disturbances elsewhere on the Company's system.

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

1ST REVISED RATE NO. 33B
REPLACING ORIGINAL RATE NO. 33B

LARGE SERVICE FOR STATION POWER (TIME-OF-USE)

Page 2 of 4

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective upon approval): The rate for electric service provided shall be the sum of A, B, C(1), D, E, F, G and H below. On-Peak period is from 8:00am to 8:00pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

NET RATE PER MONTH OR PART THEREOF FOR EACH SERVICE LOCATION (Effective on the first billing cycle of May 2016): The rate for electric service provided shall be the sum of A, B, C(2), D, E, and F below. On-Peak period is from 10:00 am to 10:00 pm Monday through Friday (60 hours per week). Off-Peak period is all times other than On-Peak period (108 hours per week).

IN THE BILLING MONTHS OF: June, July and August All Other Months

(A) <u>CUSTOMER CHARGE:</u> (Per Metered Account) (Includes up to 1 st 500 kW of Billed Demand)	\$349,882,695.00/Bill	\$349,882,305.00.00/Bill
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(B) <u>ON-PEAK DEMAND CHARGE:</u> (For All Billing Demand Above 500 kW- During On-Peak Period)	\$4,815.39/kW	\$4,294.61/kW
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(C)(1) <u>ENERGY CHARGE:</u> On-Peak kWh	\$0.04648450.0456655/kWh
Off-Peak kWh	\$0.03795880.0396746/kWh
	\$0.02303390.0313208/kWh
	\$0.02303390.0313208/kWh

(C)(2) <u>ENERGY CHARGE:</u> On-Peak kWh	\$0.0457936/kWh	\$0.0397859/kWh
Off-Peak kWh	\$0.0314087/kWh	\$0.0314087/kWh

(D) POWER FACTOR ADJUSTMENT: The above rates are based on a power factor of 90 percent or higher and the Company will supply, without additional charge, a maximum of 0.48 RkVA (Reactive Kilovolt Amperes) per kW of billable demandTotal Demand. The monthly bill will be increased \$0.27 for each RkVA in excess of the allowed 0.48 RkVA per kW of billable demandTotal Demand.

(E) COMPANY OWNED SUBSTATION CHARGES: If the customer takes service under this schedule at a Company Owned Substation (Option 2 Listed in TYPE OF SERVICE Section), that Service shall be assessed a substation charge of \$690.00 per month plus \$1.38 per kW applied toBillable Total DemandkW for all demand above 500 kW.

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG#518640

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

1ST REVISED RATE NO. 33B
REPLACING ORIGINAL RATE NO. 33B

LARGE SERVICE FOR STATION POWER (TIME-OF-USE)

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- (F) FUEL AND PURCHASED POWER COST ADJUSTMENT: The above rates are based upon a base fuel cost for energy approved in NMPRC Case No. 10-00086-UT14-00332-UT. For this tariff, the base fuel rate is \$0.02073190.0254639 per kWh, effective for fuel and purchased power expenses incurred beginning August 21, 2011~~January 10, 2015~~.

All kWh usage under this tariff will be subject to a Fuel and Purchased Power Cost Adjustment Clause ("FPPCAC") factor calculated according to the provisions in PNM's Rider 23.

The appropriate FPPCAC factor will be applied to all kWh appearing on bills rendered under this tariff.

- (G) OTHER APPLICABLE RIDERS: PNM Rider 36, and any other PNM riders that may apply to this tariff shall be billed in accordance with the terms of those riders.
- (H) SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the Company and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE: ~~Absent any demand or consumption, The~~ monthly minimum charge under this Schedule is the Customer Charge plus the Total Demand multiplied by the On-Peak Demand Charge Rate.

DETERMINATION OF ON-PEAK PERIOD DEMAND CHARGE~~TOTAL DEMAND~~: ~~The Total Demand~~On-Peak period demand charge for any month shall be as determined by appropriate measurement as defined by the Company, but in no event shall in no event it be less than the highest of the following: (a) the actual metered on-peak kW demand, minus minimum demand; or (b) 50 percent of the highest metered on-peak kW demand during the preceding 11 months minus minimum demand, or (c) the minimum demand defined on this Schedule, or (d) the contracted minimum kW demand should it exceed the minimum demand provided for on this Schedule~~0~~.

Metering shall normally be at PNM's transmission voltage of 115 kV. Upon mutual agreement between the Company and the Customer, metering may be at the secondary voltage of a Company-Owned substation in which event the metered kWh, kW demand, and RkVA shall be multiplied by 1.02 to allow for losses.

Where highly fluctuating or intermittent loads which are impractical to determine properly (such as welding machine, electric furnaces, hoists, elevators, X-rays, and the like) are in operation by the Customer, the Company reserves the right to determine the billing demand by increasing the 15-minute measured maximum demand and RkVA by an amount equal to 65 percent of the nameplate rated kVA capacity of the fluctuating equipment in operation by the Customer.

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

1ST REVISED RATE NO. 33B
REPLACING ORIGINAL RATE NO. 33B

LARGE SERVICE FOR STATION POWER (TIME-OF-USE)

Page 4 of 4

INTERRUPTION OF SERVICE: The Company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Company, or are the results of acts of public enemies, accidents, strikes, legal processes, governmental restrictions, fuel shortages, breakdown or damages to generation, transmission, or distribution facilities of the Company, repairs or changes in the Company's generation, transmission, or distribution facilities, and in any such case the Company will not be liable for damages. Customers whose reliability requirements exceed these normally provided should advise the Company and contract for additional facilities and increased reliability as may be required. The Company will not, under any circumstances, contract to provide 100 percent reliability.

ACCESSIBILITY: Equipment used to provide electric service must be physically accessible. The metering must be installed on each service location at a point accessible to Company personnel at any time.

TERMS OF PAYMENT: All bills are net and payable within twenty (20) days from the date of bill. If payment for any or all electric service rendered is not made within thirty (30) days from the date the bill is rendered, the Company shall apply an additional late payment charge as defined in Rate 16 Special Charges.

LIMITATION OF RATE: Electric service under this Schedule shall not be resold or shared with others.

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Gerard T. Ortiz
Vice President, PNM Regulatory Affairs

GCG#518640

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**112TH REVISED RIDER NO. 8
CANCELING 101TH REVISED RIDER NO. 8**

INCREMENTAL INTERRUPTIBLE POWER RATE
APPLICABLE TO RATE NOS. 3B, 3C, 4B and 34B

Page 1 of 4

EXPLANATION OF RIDER: Public Service Company of New Mexico (the Company) is offering an Incremental Interruptible Power Rate ("IIPR") Rider to qualifying Customers who can interrupt their incremental On-Peak billed demand requirements during the on-peak period. The Company's purpose in offering this Rider is to promote efficient and flexible utilization of the Company's generation and transmission and distribution capacity now and in the future.

The Company may petition to revise the terms and conditions of the Rider in the future to accommodate changing conditions and experience. Potential changes may include but not be limited to requiring participants to install direct load control equipment, reducing the response time to 10 minutes, or changes in the rates to reflect changing costs and requirements. All such changes will be submitted to the New Mexico Public Regulation Commission (NMPRC) for approval with appropriate notice to Customers.

ELIGIBILITY: This rider is available only to customers who were taking service under PNM's Rider 8 (~~EIIPR~~) as of the date of the execution of the Stipulation in NMPRC Case 2761. Qualifying customers must also meet each of the following conditions:

1. Eligibility for this Rider requires a Customer to maintain a special contract with the Company for service under this Rider.
2. Continued eligibility for this Rider requires Incremental Interruptible Demand ("IID") of at least 100 kW on average over the Base Period above the Base Demand, as described below that can be interrupted within 30 minutes after notice from the Company.
3. Customers taking service under this Rider cannot take service under any other PNM Economic Development rider.

APPLICATION: Applications are no longer accepted for service under this rider.

BASE PERIOD BILLING DETERMINANTS: Base Period billing determinants will consist of Average Base Demand, Peak Base Demand, On-Peak Average Base Energy and Off-Peak Minimum Base energy. These billing determinants shall be determined for each of the two PNM seasonal billing periods, the Summer period (June, July and August) and the Other period (all remaining months). The Average Base Demands shall be the 3-month average peak demand in the Summer period and the 9-month average peak demand in the Other period. The Peak Base Demands shall be the highest peak demand in the Summer period and the highest peak demand in the Other period.

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PUBLIC SERVICE COMPANY OF NEW MEXICO
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112TH REVISED RIDER NO. 8
CANCELING 101TH REVISED RIDER NO. 8

INCREMENTAL INTERRUPTIBLE POWER RATE
APPLICABLE TO RATE NOS. 3B, 3C, 4B and 34B

Page 2 of 4

These billing determinants may be adjusted to reflect the Customer's normal operations as specified in paragraph 2 of the Contract section below, and may be adjusted to include any incremental demand not designated as IID. To the extent that some portion of the Customer's incremental demand is not designated as IID, the Base Period billing determinants shall be specified in accordance with an analysis of the nature of the designated IID and its impact on the Customer's load profile that is acceptable to both the Company and Customer. For existing Customers, the Base Period shall be the 12 billing months immediately preceding the effective date of the contract for service under this Rider. Base Demand and Base Energy shall be zero for Customers with no billing history only to the extent that all incremental demand is designated as IID.

INCREMENTAL INTERRUPTIBLE DEMAND (IID):

1. IID is that portion of the Customer's monthly-metered on-peak demand above the Average Base Demand that is served under this Rider. This also means that if the Customer's load grows and the Customer does not wish to interrupt this additional load, the Customer must notify the Company to adjust Base Period billing determinants accordingly. Such adjustments may require review and analysis by the Company. The Customer shall provide 60 days advance written notice of the need for such adjustments.
2. That portion of the Customer's IID load above the Peak Base Demand is subject to interruptions, which begin during the Company's on-peak period with a 30-minute notice. The on-peak period is defined under the base rate schedules under which Rider 8 customers receive service currently from 8:00 a.m. to 8:00 p.m. Monday through Friday including holidays. An interruption may be extended up to two (2) hours into off-peak period, but the initial notice to the customer (the notice that an interruption will begin in 30 minutes) must have occurred during the Company's on-peak period. Interruptions will be made for two reasons: (i) for testing purposes; (ii) in the event of a PNM system emergency.
3. Interruptions for testing purposes will be made to test interrupting or monitoring equipment and the ability of the Customer to effect the required interruption.
4. Test Interruptions will be limited to 2 (two) per calendar year.
5. For system emergency interruptions, which are called during on-peak periods, the Company will endeavor to interrupt participants receiving service under the Rider before interrupting or curtailing service to firm customers.
6. During the period of interruption the Customer's metered ~~on-peak~~ demand shall be no greater than the Peak Base Demand. Failure of the Customer to make the required interruption within the specified time for response or to maintain the required interruption shall result in the discount rate applicable to IID be set to \$0.00 per kW for that billing month as described in paragraph 1 of the

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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**112TH REVISED RIDER NO. 8
CANCELING 101TH REVISED RIDER NO. 8**

INCREMENTAL INTERRUPTIBLE POWER RATE
APPLICABLE TO RATE NOS. 3B, 3C, 4B and 34B

Page 3 of 4

Rates Section below. In addition, future application of this Rider shall be discontinued if the Customer has failed to make the required interruption more than two times during any calendar year as requested by the Company.

7. In the event of an interruption under this Rider, the Company will endeavor to provide notices of interruption to all participants receiving service under the Rider at or about the same time, consistent with the interruption notification arrangements in place between the Company and the Customer.

CONTRACT:

1. Existing Customer contracts will be automatically renewed for subsequent one-year periods except as follows: no less than one year prior to the end of the contract period, Customer gives notice to PNM of its desire to renew the contract for a period of less than one year. The Customer has the right to terminate the contract at any time by giving thirty (30) days written notice to the Company. In the event that amended terms and conditions of the Rider are approved by the NMPRC, participants' contracts will be subject to such amended terms and conditions.
2. IID shall exclude increases in billed demand resulting from resumption of normal Customer operations following a strike, fire, equipment failure, plant shutdown, or other interruption of operations in the Base Period. In the event that such an occurrence has taken place during the Base Period, the base period billing determinants will be adjusted to reflect normal operations.
3. The Company will install and the Company shall be responsible for the cost of installation, and maintenance of all equipment or modifications necessary for the Customer to fulfill its interruption obligation. Such equipment shall include but not be limited to communication equipment such that interruption notification from the Company to the Customer can be reliably accomplished. Any special requirements regarding interruption notification procedures or equipment shall be specified in the contract for service under this Rider. Customers will provide and pay for dedicated phone lines as required.
4. The contract may contain provisions concerning sub-metering of the IID portion of the Customer's load.

TERRITORY: All territory served by the Company.

RATE RIDER LIMITS: It is intended that the rates contained in this Rider shall be greater than or equal to the incremental cost of providing electric service to the customer. If the Company becomes aware that the continued offering of the Rider is detrimental to other existing Customers on the Company's system or that the rates contained in the Rider are no longer projected to be greater than or equal to the incremental

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PUBLIC SERVICE COMPANY OF NEW MEXICO
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112TH REVISED RIDER NO. 8
CANCELING 101TH REVISED RIDER NO. 8

INCREMENTAL INTERRUPTIBLE POWER RATE
APPLICABLE TO RATE NOS. 3B, 3C, 4B and 34B

Page 4 of 4

cost of providing electric service to the Customer, the Company shall discontinue the availability of the Rider to participants or petition the NMPRC for appropriate adjustments in the Rider. If the Company elects to discontinue the availability of the Rider, the Company will promptly notify the NMPRC of such discontinuance. If the Company discontinues the availability of the Rider, Customers with existing contracts will be given notice of non-renewal of such contracts but will continue to receive service under the Rider until the expiration of the existing contract period.

DURATION: This Rider shall remain in effect until it is expressly discontinued.

RATES:

1. The customer's monthly base electric bill shall be calculated in accordance with the terms and conditions set for the in the customer's base electric tariff (Schedules 3B, 3C, 4B & 34B). In addition to monthly base electric charges, all billable demand above the customer's Average Base Demand ("IID Demand") shall be subject to the discount rates described below:

	Summer Months (Jun. – Aug.)	Other Months (Sep. – May)	
Substation (34B)	\$15.83 per kW-mo. Discount	\$7.38 per kW-mo. Discount	x
Primary (4B)	\$15.83 per kW-mo. Discount	\$4.08 per kW-mo. Discount	x
Secondary (3B & 3C)	\$6.85 per kW-mo. Discount	\$0.38 per kW-mo. Discount	x

2. As described in paragraph 6 of the Incremental Interruptible Demand Section above, Customers that fail to make their required interruption will be billed under the normally applicable rate schedule for the billing month in which the failure occurred. All demand and energy will be billed at the normally applicable rates.
3. All other terms and conditions of the applicable rate schedule for a specific Customer are incorporated herein to the extent such terms and conditions are not inconsistent with this Rider.

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PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

54TH REVISED RIDER NO. 23
CANCELING 34TH RD REVISED RIDER NO. 23

FUEL AND PURCHASED POWER COST ADJUSTMENT CLAUSE ("FPPCAC") APPLICABLE
TO RETAIL ENERGY RATE SCHEDULES

Page 1 of 3

EXPLANATION OF RIDER: Pursuant to the New Mexico Public Regulation Commission's (NMPRC) Final Order in NMPRC Case No. 13-00187-UT Public Service Company of New Mexico ("PNM" or the "Company") is authorized to continue use of a Fuel and Purchased Power Cost Adjustment Clause ("FPPCAC") to recover from its retail customers increases or refund decreases in its fuel and purchased power costs above or below a base fuel cost per kWh.

APPLICABILITY: The FPPCAC Factors, differentiated by Service Category, apply to all kilowatt-hours ("kWh") consumed by customers taking retail service under PNM's Retail Energy Rate Schedules listed below and will appear on the customer's monthly bill as a line item calculated on all kWh of delivered energy.

<u>Service Category</u>	<u>Applicable Rate Schedules</u>
Secondary	1A - Residential 1B - Residential TOU 2A - Small Power 2B - Small Power TOU 3B - General Power TOU 3C - General Power TOU (Low Load Factor) 6 - Private Area Lighting Schedule 6 10A - Irrigation Schedule 10A 10B - Irrigation TOU 20 - Streetlighting
Primary	4B - Large Power TOU 11B - Water and Sewage Pumping TOU
Substation	30B - Industrial Power TOU (12.5 kV, 30MW Min.) <u>34B - Large Power Service >= 3,000 kW TOU</u>
Sub Transmission	5B - Industrial Power TOU (Mines 34.5/46/115 kV)
Transmission	15B - Industrial Power TOU (Universities 115 kV) 33B - Large Service for Station Power TOU

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DURATION: The FPPCAC shall remain in effect until terminated by the Commission. PNM shall make a continuation filing no later than four years from the date of approval of the FPPCAC by the Commission, pursuant to NMPRC Rule 550.17(A)

RATE ADJUSTMENT PROVISIONS:

The FPPCAC fuel factor shall be reset quarterly beginning July 1, 2014.

Advice Notice No. 5070

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Vice President, NM Regulatory Policy

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PUBLIC SERVICE COMPANY OF NEW MEXICO
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~~54TH~~ REVISED RIDER NO. 23
CANCELING ~~34TH~~ RD REVISED RIDER NO. 23

FUEL AND PURCHASED POWER COST ADJUSTMENT CLAUSE ("FPPCAC") APPLICABLE
TO RETAIL ENERGY RATE SCHEDULES

Page 2 of 3

The cost elements that will be recovered through the FPPCAC shall include the following: FERC Accounts 501.0 – Coal ~~and nuclear fuel handling~~; 501.2 - Natural Gas Purchases; 501.4 – Oil Consumption; ~~501.6 - Residual Waste, 501.7 – Gypsum Waste, 501.8 Coal Fuel Handling~~ 518.0 – Nuclear ~~and nuclear fuel handling~~ disposal; 547.0 – Gas Purchases; 555.0 – Purchased Power; 447.0 – Sales for Resale. (Ninety percent (90%) of off-system sales margins shall be credited to customers effective July 1, 2013 through December 31, 2016 and 100% of off-system sales margins shall be credited to customers effective January 1, 2017.)

a) The FPPCAC fuel factor shall be calculated as follows:

i) The FPPCAC fuel factor shall be set annually, at the beginning of each Fuel Clause Year, beginning ~~January 1st~~ ~~July 1st~~ through ~~December 31st~~ ~~June 30th~~. The annual FPPCAC fuel factor shall be calculated as follows:

a) The sum of the balancing account as of ~~October April 30^{stth}~~ of each year, plus the projected FPPCAC cost elements for the 14 month period, beginning on ~~November May 1st~~ through the following ~~June 30~~ ~~December 31^{stth}~~, less the revenues projected to be collected under the existing base fuel rate and the FPPCAC factor from ~~November May and December June~~, less the revenues projected to be collected through the existing base fuel rate for the period from ~~January July~~ through ~~December June~~.

b) Divide amount calculated in a)i)a) by the projected kWh sales for the 12 month period of ~~January July~~ through ~~December June~~, to determine the annual FPPCAC fuel factor, ~~except that the amount of the under-collection existing as of April 30, 2014 shall be divided by the projected sales for the 18 month period of July 2014 through December 2015.~~

ii) The FPPCAC fuel factor shall be reset quarterly and calculated as follows:

a) 1st quarterly reset implemented in ~~October April~~ will be calculated as follows:

i. The sum of the balancing account as of ~~January July 31st~~, plus the difference of the projected FPPCAC cost elements and revenues, ~~including FPPCAC revenue for February and March, collected as identified in a)i)a) above, for the period of February August through December June, divided by the projected kWh sales as identified in a)i)b) above, for the February April August through December June period.~~

b) 2nd quarterly reset implemented in ~~July January~~ will be calculated as follows:

i. The sum of the balancing account as of ~~April October 30th~~ ~~1st~~, plus the difference of the projected FPPCAC cost elements and revenues, ~~including FPPCAC revenue for May and June, collected as identified in a)i)a) above, for the period of November May through~~

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Gerard T. Ortiz
Vice President, NM Regulatory Policy

GCG#518639

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

~~54TH~~ REVISED RIDER NO. 23
CANCELING ~~34TH RD~~ REVISED RIDER NO. 23

FUEL AND PURCHASED POWER COST ADJUSTMENT CLAUSE ("FPPCAC") APPLICABLE
TO RETAIL ENERGY RATE SCHEDULES

Page 3 of 3

- ~~December~~June, divided by the projected kWh sales as identified in a)i)b) above, for the ~~May~~JulyNovember through ~~December~~June period.
- c) 3rd quarterly reset implemented in ~~April~~October will be calculated as follows:
- i. The sum of the balancing account as of ~~July~~January 31st, plus the difference of the projected FPPCAC cost elements and revenues, ~~including FPPCAC revenue for August and September,~~ collected as identified in a)i)a) above, for the period of ~~August~~February through ~~December~~June, divided by the projected kWh sales as identified in a)i)b) above, for the ~~February~~October August through ~~December~~June period.
 - iii) The projections identified in a)i)a) and a)i)b) above will only be updated on an annual basis, unless the FPPCAC cost elements or projected kWh sales for the period have changed by more than 10% of total fuel and purchased power, net of off-system sales.
 - iv) No increase in the quarterly FPPCAC factor shall result in an increase of more than 5% of the average residential customer's overall bill, unless all Stipulating Parties in Case No. 13-00187-UT agree in writing to a larger increase in a particular quarter. Amounts in excess of this limitation shall be deferred for collection until the next quarterly adjustment, subject to this limitation.
 - v) Loss factors shall be applied to derive the FPPCAC fuel factors at the following voltage levels:

Loss Factors	
Secondary Voltage	1.00384121 .0060429
Primary Voltage	0.99447650 .9876749
Substation Voltage	0.98132090 .9769729
Sub Transmission Voltage	0.97616000 .9722005
Transmission Voltage	0.97426140 .9698579

b) The differences between PNM's fuel and purchased power costs and recoveries are placed in a balancing account. Monthly carrying costs on any under-recovered or over-recovered balance at the end of the month shall be calculated by multiplying the balance by 2.4%.

c) PNM will file monthly and annual reports as required by Rule 550.13.

Advice Notice No. 5070

Gerard T. Ortiz
Vice President, NM Regulatory Policy

GCG#518639

PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES

ORIGINAL 1st REVISED RIDER NO. 24
CANCELING ORDINAL RIDER NO. 24

NET METERING SERVICE

Page 1 of 3

APPLICABILITY:

Applicable to Customers taking service under all rate schedules that take Net Metering Service pursuant to 17.9.570.14 New Mexico Administrative Code ("NMAC"). This rider is for customers with a Qualifying Facility, defined herein, sited at the Customer's location that operates in parallel with the Company's electric system, and (i) has a rated capacity no larger than ten Kilowatts (10 kW), and (ii) has an Interconnection Agreement in place with PNM. Customers may elect not to take Net Metering Service.

TERRITORY:

All territory served by the Company in New Mexico.

DEFINITIONS:

The following definitions apply to the terms discussed within this Schedule.

Alternating Current (AC): A type of electrical current in which the direction of the flow of electrons switches back and forth at regular intervals or cycles.

DG Facility: A facility that generates electricity by means of solar radiation or wind and that is a "qualifying facility" as defined herein.

Existing DG Customer: A Customer that has a DG Facility that was installed or had a completed application for a DG Facility on or prior to December 31, 2015, and is subject to an effective renewable energy certificate purchase agreement executed prior to December 31, 2015 associated with such DG Facility.

New DG Customers: A Customer that has a DG Facility that was installed or a completed application for a DG Facility after December 31, 2015.

Select Existing DG Customers: A Customer that has a DG Facility that was installed or had a completed application for a DG Facility on or prior to December 31, 2015, and whose effective renewable energy certificate purchase agreement with the Company associated with such DG Facility expires after December 31, 2015.

Qualifying Facility (QF): A cogeneration facility or a small power production facility that meets the criteria for qualification contained in 17.9.570 NMAC and 18 C.F.R. Section 292.203.

Net Metering: The metering necessary to determine the net of the energy delivered from the QF to PNM or from PNM to the QF. The net energy delivered will be determined by a

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ORIGINAL-1st REVISED RIDER NO. 24
CANCELING ORDINAL RIDER NO. 24

NET METERING SERVICE

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meter or meters that can measure the flow of electric energy according to 17.9.570.14.B and C.

Rated Capacity: The total AC nameplate rating of the Power Conversion Unit(s) (PCU) at the point of common coupling. A PCU is an inverter or AC generator, not including the energy source.

MONTHLY RATE:

All electric power and energy delivered by the Company to the Customer hereunder shall be received and paid for by the Customer ~~at in accordance with~~ the applicable rate schedule that the Customer would be assigned if the Customer had not interconnected a QF, as such rate schedule is on file and in effect with the New Mexico Public Regulation Commission (NMPRC). The Company shall determine the Customer's net energy consumption-usage under the applicable rate schedule through the use of Net Metering.

CALCULATION OF BILLING FOR NET METERING SERVICE FOR NEW DG CUSTOMERS AND SELECT EXISTING DG CUSTOMERS:

Net Metering shall be, for billing purposes, the measurement of net energy consumption or production at the Company's service meter in a billing period reflecting the difference between the total energy delivered from the Company to the Customer and the total energy delivered from the Customer to the Company during the billing period. If the net energy delivered in a billing cycle is from the Company to the Customer, the Customer shall be billed for the net energy delivered from the Company under the applicable rate schedule. If the net energy delivered in a billing cycle is from the Customer to the Company, the Company shall pay the Customer in the following billing cycle for the net kilowatt-hours delivered to the Company at the Company's energy rate pursuant to Rate Schedule 12.

CALCULATION OF BILLING FOR NET METERING SERVICE FOR EXISTING DG CUSTOMERS:

Net Metering shall be, for billing purposes, the measurement of net consumption—as measured energy consumption or production at the Company's service meter in a billing period reflecting the difference between the total energy delivered from the Company to the Customer and the total energy delivered from the Customer to the Company during the billing period. If electricity—the net energy delivered in a billing cycle is supplied by—from the Company to the Customer, —exceeds electricity generated by the Customer during a billing period, the Customer shall be billed for the net energy delivered supplied by—from the Company under the applicable rate schedule. If the net energy delivered in a billing cycle is electricity generated by—from the Customer to the Company, exceeds the electricity supplied by the Company during the billing

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ORIGINAL-1st REVISED RIDER NO. 24
CANCELING ORDINAL RIDER NO. 24

NET METERING SERVICE

Page 3 of 3

~~period, the Company shall credit the excess kilowatt-hours generated delivered to the Company~~
~~to the Customer's bill on the following month in the following billing cycle.~~ Unused credits shall be
carried forward from month to month.

TERMINATION:

If electric service by the Company to the Customer is terminated for any reason, any unused and
unpaid credits for excess kilowatt-hours generated shall be paid to the Customer at the
Company's energy rate pursuant to 17.9.570 NMAC and the Company's Rate Schedule 12 and
shall be included in the closing final bill for the Customer.

ACCESSABILITYACCESSIBILITY:

A Customer's net energy usage ~~Customer will be metered-measured~~ by a meter as determined
by the Company to which the Company ~~shall be is~~ granted reasonable access. The Company
may enter Customer's premises to inspect at all reasonable hours Customer's protective devices
and read or test meter; and pursuant to the interconnection agreement to disconnect, without
notice, the interconnection facilities if the Company reasonably believes a hazardous condition
exists and such immediate action is necessary to protect persons, or Company's facilities, or
property of others from damage or interference caused by Customer's facilities, or lack of
properly operating protective devices.

RULES AND REGULATIONS:

Service supplied under this Schedule is subject to the terms and conditions set forth in the
Company's Rules and Regulations on file with the NMPRC and the following conditions:

1. If a Customer is taking electric service under any rate schedule, including time-of-use
rates, that requires the use of meter equipment that is more costly than the Company
would otherwise provide if the Customer were not receiving Net Metering service, the
Customer shall be required to pay any additional incremental cost of the required
metering equipment.
2. If the Customer requests an alternate form of metering or additional metering that is
not required to accomplish Net Metering, the Customer shall be responsible to pay
for any incremental cost incurred by the Company for the additional metering
equipment.
3. Customer shall be responsible to ensure that the Qualifying Facility's design and
installation are in compliance with NMPRC Rule 568, and the New Mexico
Interconnection Manual including Exhibit 3A thereto and any Interconnection
Agreement in effect with PNM.
4. In the event that the Customer's Qualifying Facility is removed or is inoperable,
Customer shall immediately notify the Company and Net Metering service under this
schedule shall no longer be applicable.

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Gerard T. OrtizThomas J. Wander
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**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~3RD - 4TH~~ REVISED RIDER NO. 35
~~CANCELLING 2ND - 3RD~~ REVISED RIDER NO. 35**

CONSOLIDATION ADJUSTMENT RIDER

Page 1 of 5

DESCRIPTION: This tariff was created to assist in the consolidation of customers formerly served under PNM-TNMP Electric Rates ("PNM South") into PNM North tariff structures.

APPLICABILITY: This Rider shall be applicable only to former PNM-TNMP customers taking electric service in the following NM counties: Grant, Lincoln, Hidalgo and Otero, who are currently receiving electric service under one of the following PNM rate schedules: 1A, 1B, 2A, 2B, 3B, 3C, 4B, 6, 10A, 10B, or Streetlighting 20.

RIDER CHARGES: A rider charge, designed to limit the rate and bill impacts to PNM South rate Schedule 20 customers as a result of moving to a fullyPNM consolidated streetlight rate schedules. Charges will appear as a line item addition on monthly electric bills.

Current Rate:	<u>PNM Rate Schedule 1A - Residential</u>			
PNM-TNMP Rate:	<u>Rate 1 - Residential</u>			
		<u>June, July, and August</u>		<u>All Other Months</u>
	Block 1 kWh	\$0.0138612	per kWh	\$0.0138612 per kWh
	Block 2 kWh	(\$0.0274738)	per kWh	(\$0.0108100) per kWh
	Block 3 kWh	(\$0.0454779)	per kWh	(\$0.0195171) per kWh

Current Rates:	<u>PNM Rate Schedule 1B - Residential TOU</u>			
PNM-TNMP Rate:	<u>Rate 1 - Residential</u>			
		<u>June, July, and August</u>		<u>All Other Months</u>
	All kWh	(\$0.0082075)	per kWh	\$0.0037943 per kWh

Current Rates:	<u>PNM Rate Schedule 2A/2B-Small Power Rates</u>			
PNM-TNMP Rate:	<u>Rate 2 - General Service or Rate 5 - School Service</u>			
		<u>June, July, and August</u>		<u>All Other Months</u>
	All kWh	\$0.0033692	per kWh	\$0.0180752 per kWh

Current Rates:	<u>PNM Rate Schedule 2A/2B-Small Power Rates</u>			
PNM-TNMP Rate:	<u>Rate 12/13 - Municipal Service</u>			
		<u>June, July, and August</u>		<u>All Other Months</u>
	All kWh	(\$0.0101179)	per kWh	\$0.0063483 per kWh

Advice Notice No. 468507

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#516419

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**^{3RD} ^{4TH} REVISED RIDER NO. 35
CANCELLING ^{2ND} ^{3RD} REVISED RIDER NO. 35**

CONSOLIDATION ADJUSTMENT RIDER

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Current Rates:	<u>PNM Rate Schedule 3B-General Power Rate</u>		
PNM-TNMP Rate:	<u>Rate 2 - General Service, Rate 5 - School Service or Rate 12/13 - Municipal Power Service</u>		
		<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh	\$0.0241851 per kWh	\$0.0367973 per kWh
Current Rates:	<u>PNM Rate Schedule 3B Rate</u>		
PNM-TNMP Rate:	<u>Rate 3 - Large General Service</u>		
		<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh	\$0.0036217 per kWh	\$0.0102713 per kWh
Current Rates:	<u>PNM Rate Schedule 3C Rate</u>		
PNM-TNMP Rate:	<u>Rate 2 - General Service, Rate 5 - School Service or Rate 12/13 - Municipal Power Service</u>		
		<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh	(\$0.0001522) per kWh	\$0.0140255 per kWh
Current Rates:	<u>PNM Rate Schedule 4B Rate</u>		
PNM-TNMP Rate:	<u>Rate 3 - Large General Service</u>		
		<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh	\$0.0049906 per kWh	\$0.0149003 per kWh
Current Rates:	<u>PNM Rate Schedule 4B Rate</u>		
PNM-TNMP Rate:	<u>Rate 5 - School Service</u>		
		<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh	\$0.0356655 per kWh	\$0.0425322 per kWh
Current Rates:	<u>PNM Rate Schedule 10A/10B-Irrigation Rates</u>		
PNM-TNMP Rate:	<u>Rate 6 - Irrigation Service</u>		
		<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh	(\$0.0068259) per kWh	(\$0.0012209) per kWh
Current Rate:	<u>PNM Rate Schedule 6 - Private Lights</u>		

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CONSOLIDATION ADJUSTMENT RIDER

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PNM-TNMP Rate:	<u>Rate 4 - Outdoor Lighting</u>	
	<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh (\$0.0000567) per kWh	(\$0.0000567) per kWh
Current Rate:	<u>PNM Rate Schedule 20 - Streetlights</u>	
PNM-TNMP Rate:	<u>Rate 14 - Street Lighting Service</u>	
	<u>June, July, and August</u>	<u>All Other Months</u>
	All kWh \$0.0000219 per kWh	\$0.0000219 per kWh

Light/Pole Rate - Description	Monthly Rate
L1Z5 - Sch I, Metered Muni Lts (PNM)	(\$0.1011407) per kWh
L2Z5 - Sch II, Metered Muni Lts (Cust)	\$0.0000000 per kWh
L3A2 - Sch III (OH-WP): 100W HPS (45 kWh)	(\$7.27) per Unit
L3A4 - Sch V (UG-WP): 100W HPS (45 kWh)	(\$3.95) per Unit
L3C2 - Sch III (OH-WP): 400W HPS (165 kWh)	(\$12.14) per Unit
L3D1 - Sch VI (Cust.): 175W MV (73 kWh)	\$0.00 per Unit
L3D2 - Sch III (OH-WP): 175W MV (73 kWh)	(\$12.86) per Unit
L3D4 - Sch V (UG-WP): 175W MV (73 kWh)	(\$12.86) per Unit
L3F2 - Sch III (OH-WP): 400W MV (162 kWh)	(\$11.82) per Unit
L3T2 - Sch III (OH-WP): 200W HPS (89 kWh)	(\$8.72) per Unit
L3T4 - Sch V (UG-WP): 200W HPS (89 kWh)	(\$5.84) per Unit
L3U2 - Sch III (OH-WP): 55W LPS (28 kWh)	(\$6.62) per Unit
L3U4 - Sch V (UG-WP): 55W LPS (28 kWh)	(\$6.62) per Unit
L3V2 - Sch III (OH-WP): 135W LPS (63 kWh)	(\$6.99) per Unit
L4A2 - Sch IV (OH-MP): 100W HPS (45 kWh)	(\$0.34) per Unit
L4A4 - Sch V (UG-MP): 100W HPS (45 kWh)	(\$6.56) per Unit
L4C2 - Sch IV (OH-MP): 400W HPS (165 kWh)	(\$6.67) per Unit
L4C4 - Sch V (UG-MP): 400W HPS (165 kWh)	(\$6.67) per Unit
L4D2 - Sch IV (OH-MP): 175W MV (73 kWh)	(\$15.47) per Unit
L4D4 - Sch V (UG-MP): 175W MV (73 kWh)	(\$15.47) per Unit
L4F2 - Sch IV (OH-MP): 400W MV (162 kWh)	(\$11.54) per Unit
L4F4 - Sch V (UG-MP): 400W MV (162 kWh)	(\$11.54) per Unit
L4T2 - Sch IV (OH-MP): 200W HPS (89 kWh)	(\$2.38) per Unit
L4T4 - Sch V (OH-MP): 200W HPS (89 kWh)	(\$1.34) per Unit

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Vice President, NM Regulatory Affairs

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CONSOLIDATION ADJUSTMENT RIDER

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L4U2 - Sch IV (OH-MP): 55W LPS (28 kWh)	(\$9.23) per Unit
L4U4 - Sch V (UG-MP): 55W LPS (28 kWh)	(\$9.23) per Unit
L4V4 - Sch V (UG-MP): 135W LPS (63 kWh)	(\$9.60) per Unit
L6F2 - Sch IV (OH-MP): 2-400W MV (324 kWh)	(\$20.81) per Unit
L6F4 - Sch V (UG-MP): 2-400W MV (324 kWh)	(\$20.81) per Unit
L7A1 - Sch VI (Cust.): 100W HPS (45 kWh)	\$0.00 per Unit
L7A2 - Sch III (OH-WP): 100W HPS (45 kWh)	(\$2.07) per Unit
L7A3 - Sch VI (Cust.): 100W HPS (45 kWh)	\$0.00 per Unit
L7C1 - Sch VI (Cust.): 400W HPS (165 kWh)	\$0.00 per Unit
L7C2 - Sch III (OH-WP): 400W HPS (165 kWh)	(\$6.94) per Unit
L7C3 - Sch VI (Cust.): 400W HPS (165 kWh)	\$0.00 per Unit
L7D1 - Sch VI (Cust.): 175W MV (73 kWh)	\$0.00 per Unit
L7D2 - Sch III (OH-WP): 175W MV (73 kWh)	(\$7.66) per Unit
L7D3 - Sch VI (Cust.): 175W MV (73 kWh)	\$0.00 per Unit
L7F1 - Sch VI (Cust.): 400W MV (162 kWh)	\$0.00 per Unit
L7F2 - Sch III (OH-WP): 400W MV (162 kWh)	(\$6.62) per Unit
L7F3 - Sch VI (Cust.): 400W MV (162 kWh)	\$0.00 per Unit
L7T1 - Sch VI (Cust.): 200W HPS (89 kWh)	\$0.00 per Unit
L7T2 - Sch III (OH-WP): 200W HPS (89 kWh)	(\$3.52) per Unit
L7T3 - Sch VI (Cust.): 200W HPS (89 kWh)	\$0.00 per Unit
L7U2 - Sch III (OH-WP): 55W LPS (28 kWh)	(\$1.42) per Unit
L7V2 - Sch III (OH-WP): 135W LPS (63 kWh)	(\$1.79) per Unit
L8A1 - Sch VI (Cust.): 100W HPS (45 kWh)	\$0.00 per Unit
L8A2 - Sch IV (OH-MP): 100W HPS (45 kWh)	\$0.00 per Unit
L8A3 - Sch VI (Cust.): 100W HPS (45 kWh)	\$0.00 per Unit
L8C1 - Sch VI (Cust.): 400W HPS (165 kWh)	\$0.00 per Unit
L8C2 - Sch IV (OH-MP): 400W HPS (165 kWh)	\$0.00 per Unit
L8C3 - Sch VI (Cust.): 400W HPS (165 kWh)	\$0.00 per Unit
L8D1 - Sch VI (Cust.): 175W MV (73 kWh)	\$0.00 per Unit
L8D2 - Sch IV (OH-MP): 175W MV (73 kWh)	(\$7.66) per Unit
L8D3 - Sch VI (Cust.): 175W MV (73 kWh)	\$0.00 per Unit
L8F1 - Sch VI (Cust.): 400W MV (162 kWh)	\$0.00 per Unit
L8F2 - Sch IV (OH-MP): 400W MV (162 kWh)	(\$3.73) per Unit
L8F3 - Sch VI (Cust.): 400W MV (162 kWh)	\$0.00 per Unit
L8T1 - Sch VI (Cust.): 200W HPS (89 kWh)	\$0.00 per Unit
L8T2 - Sch IV (OH-MP): 200W HPS (89 kWh)	\$0.00 per Unit
L8T3 - Sch VI (Cust.): 200W HPS (89 kWh)	\$0.00 per Unit
L8U2 - Sch IV (OH-MP): 55W LPS (28 kWh)	(\$1.42) per Unit

Advice Notice No. 468507

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#516419

**PUBLIC SERVICE COMPANY OF NEW MEXICO
ELECTRIC SERVICES**

**~~3RD~~ ~~4TH~~ REVISED RIDER NO. 35
CANCELLING ~~2ND~~ ~~3RD~~ REVISED RIDER NO. 35**

CONSOLIDATION ADJUSTMENT RIDER

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SPECIAL TAX AND ASSESSMENT ADJUSTMENT: Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

DURATION: This rider will be in effect until cancelled.

Advice Notice No. 468507

Gerard T. Ortiz
Vice President, NM Regulatory Affairs

GCG#516419

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

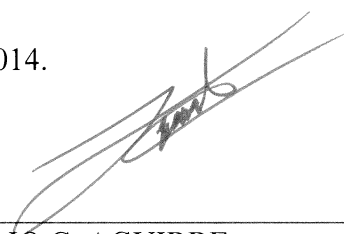
IN THE MATTER OF THE APPLICATION)
OF PUBLIC SERVICE COMPANY OF NEW)
MEXICO FOR REVISION OF ITS RETAIL) **Case No. 14-00332-UT**
ELECTRIC RATES PURSUANT TO ADVICE)
NOTICE NO. 507)
)
PUBLIC SERVICE COMPANY OF NEW MEXICO,)
Applicant.)
_____)

AFFIDAVIT

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)


JULIO C. AGUIRRE, Pricing Analyst Sr., Pricing and Regulatory Services,
Public Service Company of New Mexico, upon being duly sworn according to law,
under oath, deposes and states: I have read the foregoing **Direct Testimony and**
Exhibits of Julio C. Aguirre and it is true and accurate based on my own personal
knowledge and belief.

SIGNED this 5TH day of December, 2014.



JULIO C. AGUIRRE

SUBSCRIBED AND SWORN to before me this 5TH day of December, 2014.



NOTARY PUBLIC IN AND FOR
THE STATE OF NEW MEXICO

