

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. 533)**

Case No. 16-00276-UT

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

Applicant)

DIRECT TESTIMONY

OF

SCOTT A. VOGT

December 7, 2016

NMPRC CASE NO. 16-00276-UT
INDEX TO THE DIRECT TESTIMONY OF SCOTT A. VOGT
WITNESS FOR
PUBLIC SERVICE COMPANY OF NEW MEXICO

I.	INTRODUCTION AND PURPOSE	1
II.	ALLOCATING REVENUE REQUIREMENTS TO RATE SCHEDULES	5
III.	THE EMBEDDED CLASS COST OF SERVICE STUDY	18
IV.	CLASSIFICATION OF DISTRIBUTION COSTS	26
V.	RATE 3B/3C – GENERAL POWER	37
VI.	PROOF THAT NO OTHER CUSTOMER CLASS WILL BE SUBJECT TO INCREASED RATES DUE TO THE NEW RATE 36B CUSTOMER	41

PNM EXHIBIT SAV-1	Statement of Qualifications
PNM EXHIBIT SAV-2	Alphabetical Listing of Acronyms Used in This Testimony
PNM EXHIBIT SAV-3	Summary Allocators Model
PNM EXHIBIT SAV-4	The Embedded Class Cost of Service Study ("ECCOSS") Model
PNM EXHIBIT SAV-5	Impact Analysis for Alternative Generation and Transmission Demand Cost Allocation Methodologies
PNM EXHIBIT SAV-6	ECCOSS Model User's Manual
PNM EXHIBIT SAV-7	36B Contribution to Production Credit
PNM EXHIBIT SAV-8	Summer and Winter Coincident Peaks from 2007 through December 2018 and Relative Magnitude of Winter and Summer Peaks

AFFIDAVIT

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

I. INTRODUCTION AND PURPOSE

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

A. My name is Scott A. Vogt. I am Manager of Pricing and Business Analytics with Public Service Company of New Mexico ("PNM" or "Company"). My business address is 414 Silver SW, Mail Stop 0605, Albuquerque, NM 87102.

Q. PLEASE DESCRIBE YOUR JOB DUTIES AS MANAGER OF PRICING AND BUSINESS ANALYTICS.

A. I manage and oversee pricing and load research functions for PNM's New Mexico, Texas, and Federal Energy Regulatory Commission ("FERC") regulated jurisdictions. I also manage a group of analysts who provide business analysis, industry benchmarking, economic development and system data analysis support for strategic marketing.

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

A. Yes. I previously filed testimony in support of various PNM applications before the Commission. A statement of my experience and qualifications, including a list of cases in which I have testified, is attached as PNM Exhibit SAV-1.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THIS**
2 **CASE?**

3 **A.** The purpose of my testimony is to explain and support the Company's process for
4 allocating costs to various customer classes. This process includes the
5 development of PNM's proposed allocation methodologies for generation-
6 demand and transmission-demand, as well as the application of the Embedded
7 Class Cost of Service Study ("ECCOSS" or "ECCOSS Model"). I support both
8 of those steps in the process. Ultimately, the ECCOSS Model calculates PNM's
9 fully allocated non-fuel revenue deficiency for each rate class. This revenue
10 deficiency is the amount PNM must collect under proposed rates to recover its
11 Test Period revenue requirement that would not be recovered if its rates remained
12 the same.

13
14 I also address two of the Commission's directives from NMPRC Case No. 15-
15 00261-UT ("2015 Rate Case"). The Commission required that within two months
16 of a final order in the 2015 Rate Case, PNM should begin collecting and
17 maintaining the data necessary to determine the demand and customer
18 components of distribution facilities for purposes of using a minimum distribution
19 system ("MDS") methodology for classifying distribution costs. I explain and
20 discuss how PNM is satisfying this directive, but I also inform the Commission
21 that the result of this directive will be the increased assignment of customer-
22 related costs to the residential rate class, which necessarily will increase the

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 customer charge for this rate class. Given the Commission's past practice that
2 limits increased customer charges, I caution that using the MDS methodology
3 should be fully considered before it is implemented. I also explain PNM's
4 separate cost of service studies for Rate 3B – General Power and Rate 3C –
5 General Power Low Load Factor, as required by the Commission.

6
7 Finally, my testimony provides the necessary analysis to demonstrate that no
8 other customer class will subsidize the customer served pursuant to the new Rate
9 36B – Special Service Rate – Renewable Energy Resource ("Rate 36B").
10

11 **Q. WHICH RULE 530 SCHEDULES ARE YOU SPONSORING?**

12 **A.** I am sponsoring the following Rule 530 Schedules:

- 13 • A-2, Summary of the revenue increase or decrease at the proposed rates by
14 rate class for the Test Period.
- 15 • K-2, Allocation of rate base – functional classification for the Base Period
16 and Test Period.
- 17 • K-3, Allocation of rate base by demand, energy and customer
18 classification for the Base Period and Test Period.
- 19 • K-4, Allocation of rate base to rate classes for the Base Period and Test
20 Period.
- 21 • K-6, Allocation of total expenses by functional classification for the Base
22 Period and Test Period.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

- 1 • K-7, Allocation of total expenses by demand, energy and customer
2 classification for the Base Period and Test Period.
- 3 • K-8, Allocation of total expenses to rate classes for the Base Period and
4 Test Period.
- 5 • L-1, Allocated cost per billing unit of demand, energy and customer
6 classification for the Base Period and Test Period.
- 7 • M-1, Allocation factors used to assign items of plant and expenses to the
8 various rate classes for the Base Period and Test Period.
- 9 • M-2, Classification factors used to assign items of plant and expenses to
10 demand, energy, and customer.
- 11 • N-1, Rate of return by rate classification for the Base Period and Test
12 Period.

13
14 **Q. ARE ANY OF YOUR EXHIBITS OR THE RULE 530 SCHEDULES THAT**
15 **YOU SPONSOR BEING PROVIDED ELECTRONICALLY?**

16 **A.** Yes. The following exhibits also are being provided in functional, electronic
17 format on a DVD-ROM labeled “2016 Electric Rate Case Filing Case No. 16-
18 00276-UT Cost of Service Model, Embedded Class Cost of Service and Rate
19 Design including Workpapers”:

- 20 • The Summary Allocators Model (PNM Exhibit SAV-3); and
- 21 • The ECCOSS Model (PNM Exhibit SAV-4).

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 In addition, the following Rule 530 Schedules are linked to ECCOSS or the Rate
2 Design Model, and are therefore also being filed in executable electronic format
3 on the same DVD-ROM as the ECCOSS Model: Rule 530 Schedules A-2, K-2,
4 K-3, K-4, K-6, K-7, K-8, L-1, and N-1. Rule 530 Schedule M-1 and M-2 will be
5 provided electronically in PDF format.

6
7 **Q. DOES THE ELECTRONIC MODEL BEING PROVIDED HAVE THE**
8 **SAME FUNCTIONALITY AND FORMAT AS WAS FILED IN THE 2015**
9 **RATE CASE?**

10 **A.** Yes. The ECCOSS Model has the same functionality and format as was provided
11 by PNM in the 2015 Rate Case. The Hearing Examiner and Commission used
12 this ECCOSS Model for the final rate design and to calculate the rates that were
13 ultimately approved in that case.

14
15 **II. ALLOCATING REVENUE REQUIREMENTS TO RATE SCHEDULES**

16 **Q. HOW DOES PNM ALLOCATE RETAIL REVENUE REQUIREMENTS**
17 **TO ITS RATE SCHEDULES?**

18 **A.** As discussed by PNM Witness Chan, PNM uses various forecasts and load
19 research to develop the Base Period and Test Period production (generation),
20 transmission, distribution and other allocators. These allocators are used in the
21 ECCOSS Model (PNM Exhibit SAV-4) to allocate revenue requirements to

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

PNM's rate classes. The data supporting these allocators can be found in Summary Allocators (PNM Exhibit SAV-3) and Rule 530 Schedule M-1.

Q. WHAT CRITERIA DO PNM USE IN THE SELECTION AND DEVELOPMENT OF THE VARIOUS ALLOCATION METHODS USED TO ASSIGN COSTS TO RATE SCHEDULES?

A. PNM uses the following criteria to assess the merits of an allocation methodology: (1) the method should reflect the operating and planning characteristics of PNM's utility system; (2) to the extent possible, the method should recognize various customer class characteristics, such as peak demand, energy usage, load factor, number and size of customers, and point of delivery; and (3) the method should help ensure that customers who benefit from the use of plant and equipment bear the costs.

Q. WHAT ALLOCATION METHODS WERE APPROVED IN PNM'S 2015 RATE CASE?

A. In the 2015 Rate Case, the Commission approved a 3-Summer/1-Winter Coincident Peak ("3S1WCP") method to allocate generation demand and transmission demand costs. The other allocation methods proposed by PNM, such as for distribution costs, were also accepted by the Commission in that case.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. IS PNM PROPOSING TO CHANGE ANY OF THE ALLOCATION**
2 **METHODS APPROVED IN THE 2015 RATE CASE?**

3 **A.** No. Given that the current rates using these approved allocation methodologies
4 have only been in effect for a relatively short period of time, and to avoid
5 unnecessary volatility, PNM proposes to maintain the same allocation methods as
6 approved in the 2015 Rate Case. In addition, the facts and circumstances as
7 updated in this case for the Test Period support continued use of the allocators
8 approved in the 2015 Rate Case.

9

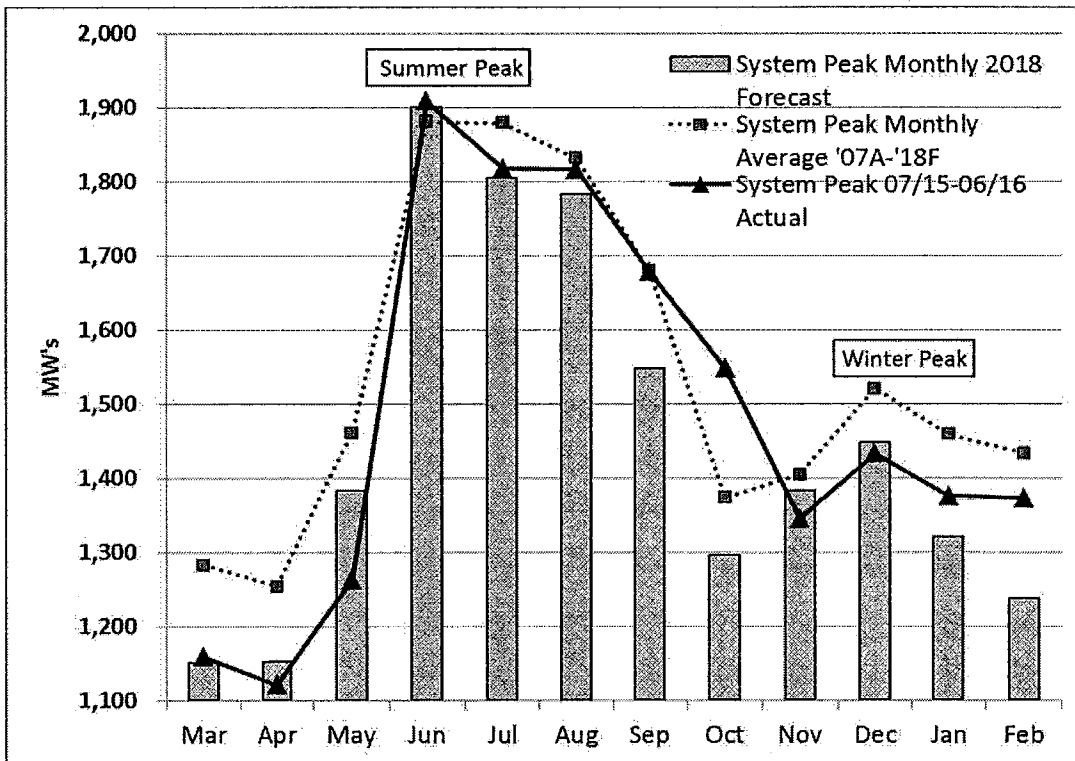
10 **Q. WHY DO THE CURRENT FACTS AND CIRCUMSTANCES SUPPORT**
11 **PNM'S PROPOSED CONTINUED USE OF THE 3S1WCP ALLOCATION**
12 **METHODOLOGY FOR GENERATION DEMAND AND TRANSMISSION**
13 **DEMAND?**

14 **A.** PNM proposes the continued use of the 3S1WCP method to allocate generation
15 demand and transmission demand costs because PNM expects to continue
16 experiencing clearly defined summer and winter peaks, as shown below in Figure
17 SAV-1. In the 2015 Rate Case, PNM's winter coincident peak demand was
18 approximately 82% of the peak demand experienced in the summer. Updated
19 historical data for this rate case indicate that PNM's winter peak demand has been
20 approximately 81% of the peak demand experienced in the summer. While the
21 forecast shows that PNM's winter peak demand will decrease, the projected
22 winter peak demand for the Test Period will be approximately 76% of the summer

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

peak, which continues to support a methodology that is calculated based on three summer CPs and one winter CP. Please see PNM Exhibit SAV-8, which shows the relative magnitude of PNM's system winter and summer peak loads. The data indicate that from a cost-causation perspective, PNM requires more plant capacity to meet peak demands consistent with a 3S1 WCP allocation methodology.

**Figure SAV-1
Summer and Winter Peaks**



An allocation methodology that incorporates both of these peaks accurately reflects the operating and planning characteristics of PNM's system. Moreover, using such an allocation methodology ensures that the customer classes that benefit from the use of plant and transmission capacity during the winter as well as the summer peaks bear the cost for such usage.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. PLEASE DESCRIBE IN MORE DETAIL THE DERIVATION OF THE**
2 **3S1WCP ALLOCATION METHODOLOGY.**

3 **A.** For all customer classes except residential,¹ small power,² water and sewer
4 pumping,³ and irrigation⁴, the 3S1WCP uses the most recent annual data to
5 determine the highest three peak demand hours that fall in the three summer
6 months (June, July and August) and one non-summer month (December). Using
7 those four peak demand hours, the Company projects the Test Period load in each
8 of these peak demand hours. Thus, the generation demand allocator that results
9 from using the 3S1WCP method is the average “system peak” of these four peak
10 demand hours in each of these months.

11
12 **Q. PLEASE DESCRIBE THE CP ALLOCATOR METHODOLOGY USED**
13 **FOR THE RESIDENTIAL, SMALL POWER, WATER AND SEWER AND**
14 **IRRIGATION CUSTOMER CLASSES.**

15 **A.** For these rate classes, the CPs for each of the three summer and one winter
16 months are based upon a three-year average in order to dampen any significant
17 variations in the weather that may occur over a one-year period. More
18 specifically, for these rate classes, a CP allocator was developed using a three-

¹ The residential rate class includes: Rate 1A – Residential Service and Rate 1B – Residential Service Time-of-Use.

² The small power rate class includes: : Rate 2A – Small Power Service and Rate 2B – Small Power Service Time-of-Use.

³ The water and sewer pumping class is served under Rate 11B – Water and Sewage Pumping Service Time-of-Use Rate.

⁴ The irrigation class is served under Rate 10A – Irrigation Service and Rate 10B – Irrigation Service Time-of-Use.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 year average of CP demands for 2013, 2014 and 2015 and is calculated as
2 follows:

- 3 • The monthly CP is determined for 2013, 2014 and 2015 for the
4 residential, small power, water and sewer and irrigation rate classes.
- 5 • A total representing the CPs for each relevant month for all years and
6 for each rate class is created. This total is calculated by averaging the
7 monthly CPs for 2013, 2014 and 2015 for these rate classes.
- 8 • Using those four peak demand hours from the calculated three-year
9 averages, the Company projects the Test Period load in each of these
10 peak demand hours.

11
12 **Q. WHY DIDN'T PNM USE A THREE-YEAR AVERAGE CP ALLOCATOR**
13 **FOR THE OTHER RATE CLASSES?**

14 **A.** The demand for other rate classes is not sensitive to weather or has far less
15 sensitivity to weather. Therefore, the most recent annual demand more accurately
16 reflects the other classes' demand trends.

17
18 **Q. DID PNM COMPARE THE EFFECT OF USING ALTERNATIVE**
19 **ALLOCATION METHODOLOGIES BESIDES THE 3S1WCP**
20 **METHODOLOGY?**

21 **A.** Yes, PNM compared the cost responsibility for each of its customer classes as a
22 result of using alternative allocation methodologies. This comparison was

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 conducted for illustrative purposes only. To conduct this comparison, PNM
2 developed generation demand allocators for: (1) the 12 Coincident Peak ("12CP")
3 method, which uses an average of customer class contributions to all 12 of PNM's
4 monthly coincident peak demands; and (2) the average and excess demand
5 ("AED") method, which allocates production plant costs to rate classes using
6 factors that combine the classes' average demands and non-coincident peak
7 ("NCP") demands.

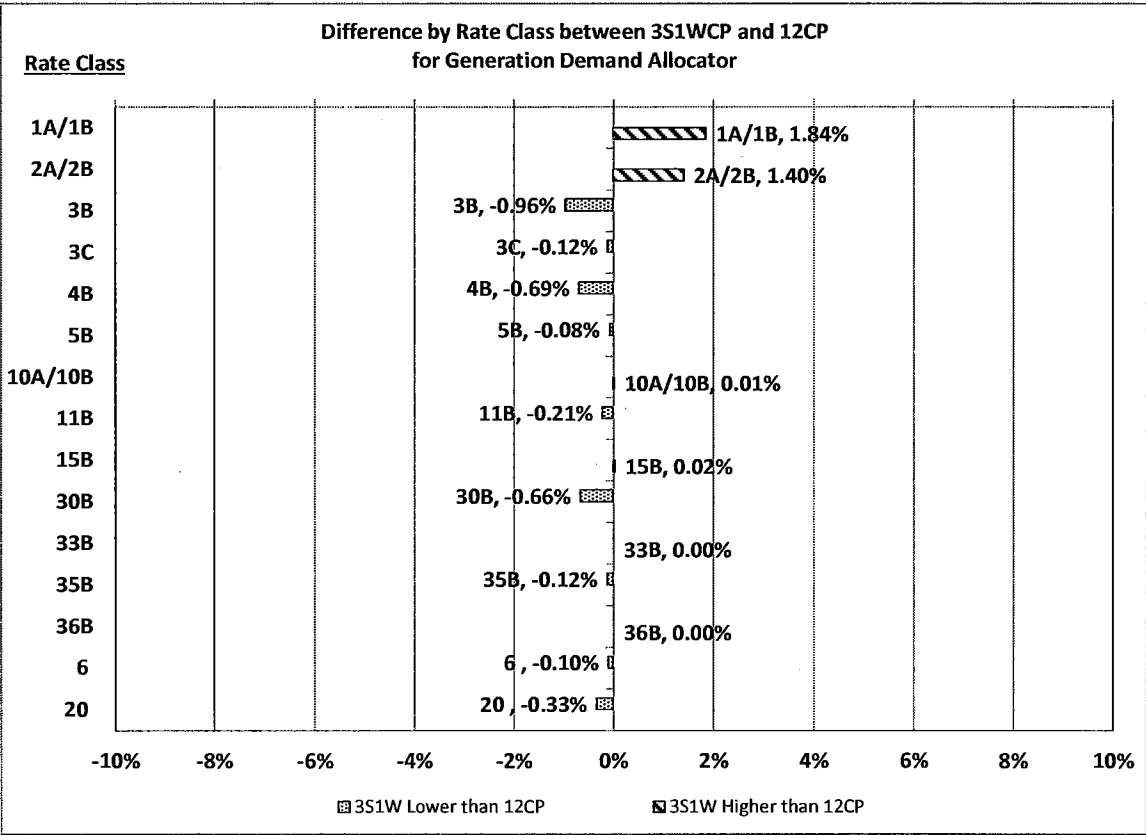
8
9 **Q. WHAT DID THE COMPARISON OF THESE ALTERNATIVE**
10 **ALLOCATION METHODOLOGIES SHOW?**

11 **A.** The comparison shows that the cost responsibility differences resulting from
12 using these alternative generation demand allocation methodologies is minimal
13 when the 3S1WCP is compared to the 12CP methodology, but is more significant
14 when the 3S1WCP is compared to the AED methodology. Figure SAV-2
15 demonstrates that on a percentage basis, the impacts of using the alternative
16 allocation methodology of 12CP results in, at most, a less than 2% difference in
17 terms of cost responsibility. Figure SAV-3 indicates an approximately 4%
18 difference between the 3S1WCP and the AED method for residential customers.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1

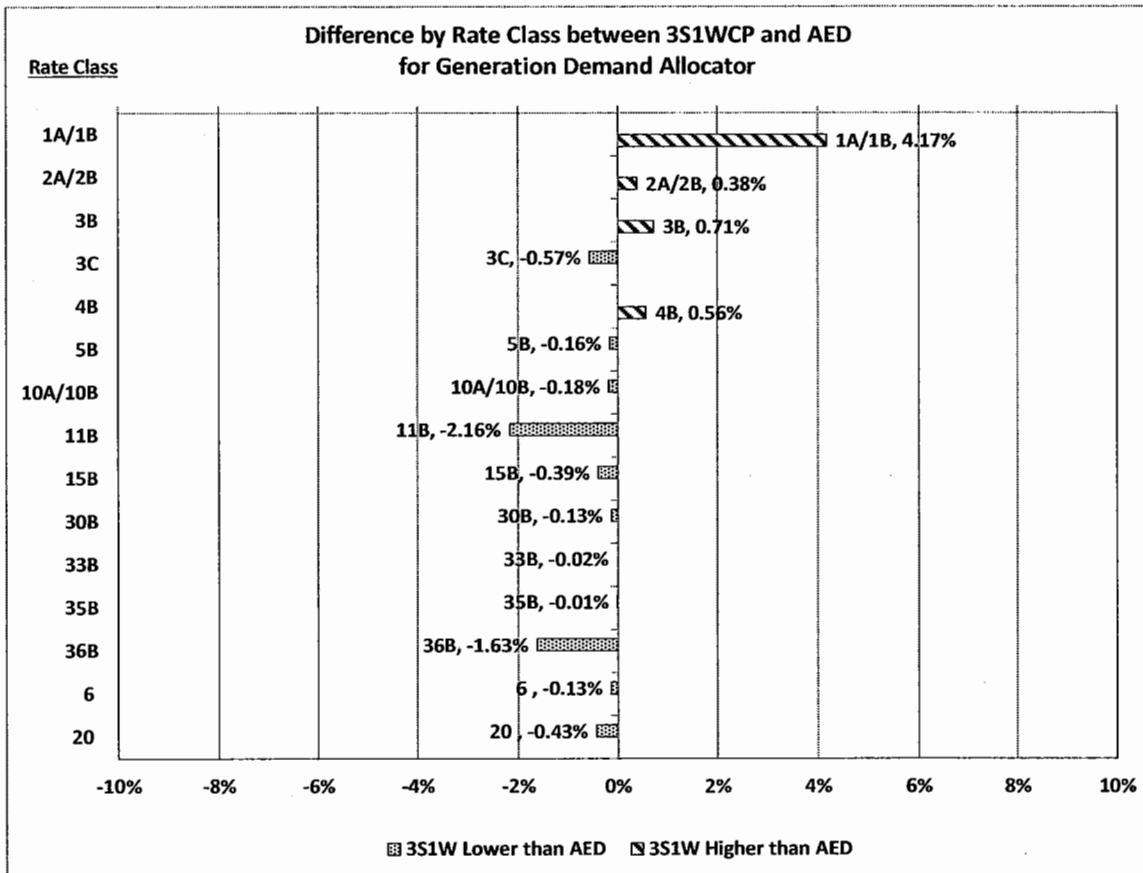
Figure SAV-2



2

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

Figure SAV-3



1 In addition to the percentage comparison, PNM Exhibit SAV-5 shows an estimate
 2 of the dollar cost responsibility comparison resulting from using these alternative
 3 allocation methodologies for all customer classes.

4
 5 **Q. IS PNM SUPPORTING OR SPONSORING ANY OF THE ALTERNATIVE**
 6 **ALLOCATION METHODOLOGIES NOTED ABOVE?**

7 **A.** No. PNM generally believes that allocation methodologies should be chosen
 8 based upon cost causation principles to reflect the operating and planning
 9 characteristics of PNM's utility system. In particular, as demonstrated above, the

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 Company believes that the 3S1WCP allocation methodology remains the most
2 appropriate allocation methodology given that PNM experiences clearly defined
3 summer and winter peaks.
4

5 **Q. HOW ARE TRANSMISSION DEMAND COSTS ALLOCATED TO PNM'S**
6 **RATE SCHEDULES?**

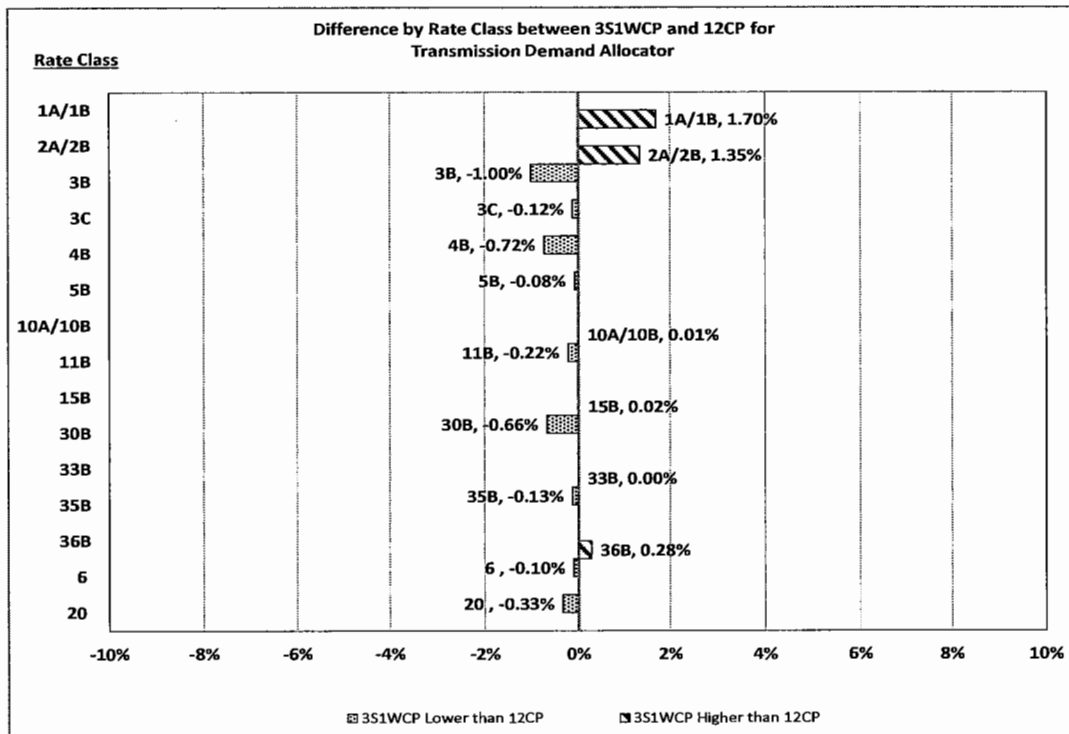
7 **A.** PNM has allocated transmission demand costs to customers using the 3S1WCP
8 methodology, consistent with the Commission's decision in the 2015 Rate Case.
9 It should be noted that while the 3S1WCP allocators for generation demand and
10 transmission demand rely upon the same methodology, the values associated with
11 the 3S1WCP allocators are different. This is the result of the underlying data
12 used to develop the allocators. More specifically, PNM uses underlying
13 generation-level demands to calculate the 3S1WCP allocator for generation
14 demand. For the transmission demand allocator, PNM uses transmission-level
15 demands to determine the 3S1WCP value. In particular, the transmission demand
16 3S1WCP allocator accounts for the transmission losses, while the 3S1WCP
17 generation-demand allocator does not account for any losses.
18

19 **Q. HOW DOES USING THE 3S1WCP METHODOLOGY FOR**
20 **ALLOCATING TRANSMISSION COSTS IMPACT CUSTOMERS AS**
21 **COMPARED TO OTHER METHODOLOGIES?**

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **A.** In the 2015 Rate Case, PNM proposed to use the 12 CP method to allocate
2 transmission costs. The Commission, however, required that PNM use the
3 3S1WCP allocator for transmission costs. For illustrative purposes only, Figure
4 SAV-4 compares the rate impacts of using the 3S1WCP method to the 12 CP
5 allocation method for transmission demand. As can be seen from Figure SAV-4,
6 the cost responsibility comparison indicates minimal differences when comparing
7 use of these alternative allocators. Please refer to PNM Exhibit SAV-5 for an
8 estimated dollar comparison of the impact of using these alternative allocation
9 methodologies.

Figure SAV-4



**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

Q. HOW DOES PNM PROPOSE TO ALLOCATE DISTRIBUTION COSTS FOR THIS RATE CASE?

A. Consistent with the 2015 Rate Case, PNM's proposal allocates distribution substations, primary lines and secondary lines to customer classes using the maximum NCP demands of each class, at either primary or secondary voltage levels. The National Association of Regulatory Utility Commissioners ("NARUC") Manual states that the NCP method "attempts to give recognition to the maximum demand placed upon a system during the year by all customers" and "is based on the theory that facilities are sized to meet these maximum demands."⁵ Consistent with the NCP methodology, the Company designs its distribution facilities to serve relatively localized areas, which requires that these facilities be sized to meet the maximum demands of every customer in the aggregate within this localized area at any time. The NCP cost allocation methodology is consistent with the NARUC Manual and how PNM designs its distribution facilities, and thus, is appropriate for allocating distribution costs.

Other components of distribution were allocated to PNM's rate classes based upon detailed analyses specific to the cost type (meters, services, etc.) and reflective of the number of customers served. These methodologies were used by PNM in NMPRC Case No. 10-00086-UT (the "2010 Rate Case") and in the 2015 Rate Case to allocate distribution costs.

⁵ See Electric Utility Cost Allocation Manual, National Association of Regulatory Utility Commissioners at 80 (Jan. 1992), available at www.naruc.org ("NARUC Manual").

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. HOW ARE GENERAL PLANT, OTHER ANCILLARY RATE BASE**
2 **ITEMS AND OPERATING EXPENSES ALLOCATED BY RATE CLASS?**

3 **A.** General plant, other ancillary rate base items and operating expenses are allocated
4 to PNM's rate classes using a combination of allocation methods or results that
5 reflect the reason for the expense. For example, production O&M is allocated to
6 the various rate classes on the basis of the associated plant-in-service (e.g.,
7 generation). Fuel and other energy-related O&M expenses are allocated to the
8 Company's rate classes using annual energy deliveries (kWh). PNM proposed
9 and the Commission adopted each of these allocation methodologies in the final
10 rate design approved in the 2015 Rate Case.

11

12 **Q. IS THERE ONE CENTRAL PLACE WHERE THE COMPANY DETAILS**
13 **ALL OF ITS PROPOSED COST ALLOCATION METHODOLOGIES?**

14 **A.** Yes. I sponsor Rule 530 Schedule M-1, which details all of the allocation factors
15 PNM used to assign items of plant and expense to the various rate classes. In
16 addition, the ECCOSS Model (PNM Exhibit SAV-4) identifies the allocation
17 methodology used for each rate base item and operating expense.

18

19 **Q. ONCE THE ALLOCATION METHODOLOGIES ARE CHOSEN, WHAT**
20 **IS THE NEXT STEP?**

21 **A.** Once allocation methodologies are chosen, PNM must derive allocation factors
22 and ratios that are used in the ECCOSS Model. The allocation factors and ratios

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 are shown in Summary Allocators (PNM Exhibit SAV-3), the ECCOSS Model
2 (PNM Exhibit SAV-4) and Rule 530 Schedule M-1. These factors and ratios are
3 used in the ECCOSS Model to divide costs between rate classes based upon the
4 chosen allocation methodology.

5
6 **III. THE EMBEDDED CLASS COST OF SERVICE STUDY**

7 **Q. WHY IS PNM PROPOSING TO USE EMBEDDED COSTS FOR**
8 **CUSTOMER CLASS ALLOCATIONS?**

9 **A.** Consistent with the 2015 Rate Case, PNM is filing a rate design and class cost of
10 service study based on embedded cost principles. Beyond the importance of
11 maintaining consistent class allocation techniques from rate case to rate case,
12 there are sound economic justifications for the use of embedded costs for
13 customer class allocations. Specifically, embedded costs are reflective of the
14 historical underlying cost of service, which typically does not change appreciably
15 over time. While PNM has used a marginal cost study to assign revenue
16 responsibility by customer class in past cases, marginal costs can be volatile in
17 comparison to embedded costs, given that marginal costs represent the value of
18 providing the next unit (incremental cost) of service and not the historical,
19 underlying cost of service. PNM believes it is more appropriate to rely upon
20 historical costs at this time to avoid any volatility that might occur as a result of
21 using marginal costs.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. WOULD YOU MORE FULLY EXPLAIN THE MODEL PNM PROPOSES**
2 **TO USE TO ALLOCATE COSTS BASED UPON EMBEDDED COST**
3 **PRINCIPLES?**

4 **A. PNM's ECCOSS Model (PNM Exhibit SAV-4) operates to define customer class**
5 cost responsibility, allocates revenue requirements by solving for the required
6 increase for each rate class to achieve an equalized rate of return among the rate
7 classes, and provides other cost information useful in the design of rates.

8
9 Ultimately, the ECCOSS Model calculates PNM's fully allocated non-fuel
10 revenue deficiency by comparing the allocated Test Period revenue requirement
11 by rate class to the forecasted revenue that would be collected under current rates,
12 based on the Test Period Billing Determinants.⁶ The difference is the revenue
13 deficiency for each rate class. In other words, the revenue deficiency is the
14 amount PNM must collect under proposed rates to recover its Test Period revenue
15 requirement that would not be recovered if its rates remained the same.

16
17 **Q. WHAT ARE THE RESULTING REVENUE REQUIREMENTS AND**
18 **REVENUE DEFICIENCY BY RATE CLASS AS DETERMINED BY**
19 **PNM'S ECCOSS MODEL?**

⁶ The Test Period Billing Determinants are sponsored by PNM Witness Chan.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **A.** The allocated non-fuel revenue requirements and non-fuel revenue deficiency for
2 each rate class are shown below in Table SAV-1.⁷ The residential rate class bears
3 the largest responsibility for allocated revenue requirements, as it is accountable
4 for approximately 52% of the costs to PNM's system. This allocation of cost
5 responsibility has increased from the 2015 Rate Case, where the residential class
6 was allocated approximately 45% of the cost responsibility for the Company's
7 approved revenue increase.

8
9 As Table SAV-1 below shows, the non-fuel revenue deficiency for the residential
10 class is \$77.24⁸ million of PNM's total revenue deficiency of \$99.25 million.⁹ No
11 other single rate class has near this level of revenue deficiency. As discussed by
12 PNM Witness Aguirre, PNM proposes to mitigate the disparate impacts of the
13 relative responsibility among customer classes for the allocated revenue
14 requirements through a "banding" process.

⁷ The revenue requirement for PNM's Test Period cost of service is supported by PNM Witness Monroy.

⁸ This number excludes the residential class' allocated share of the Rate 36B Contribution to Production Credit, which is detailed below.

⁹ The \$99.25 million represents the total revenue deficiency after taking into consideration the Rate 36B customer's Contribution to Production Credit.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1

**Table SAV-1
Non-Fuel Allocated Revenue and Revenue Deficiency Before Banding**

Rate Class	Non-Fuel Allocated Rev. Rqmnt. (\$MM) Before Banding	Rev Rqmnt. Responsibility (Before Banding)	Non-Fuel Rev. Rqmnt. Deficiency (\$MM) Before Banding	Deficiency Responsibility (Before Banding)
1A/1B	\$409.381	51.71%	\$77.237	77.14%
2A/2B	\$104.956	13.26%	\$7.025	7.02%
3B	\$125.360	15.84%	\$2.364	2.36%
3C	\$16.950	2.14%	-\$5.819	-5.81%
4B	\$76.152	9.62%	\$9.429	9.42%
5B	\$3.883	0.49%	-\$0.068	-0.07%
10A/10B	\$2.519	0.32%	\$0.720	0.72%
11B	\$11.166	1.41%	\$2.803	2.80%
15B	\$3.699	0.47%	-\$0.095	-0.09%
30B	\$17.469	2.21%	\$3.287	3.28%
33B	\$0.146	0.02%	-\$0.028	-0.03%
35B	\$10.089	1.27%	\$4.254	4.25%
36B	\$1.495	0.19%	\$0.220	0.22%
6	\$1.657	0.21%	-\$1.012	-1.01%
20	\$6.714	0.85%	-\$0.191	-0.19%
Total from ECCOSS	\$791.637	100.00%	\$100.127	100.00%
Less: 36B Contribution to Production Credit			\$0.877	
Total deficiency before banding			\$99.250	

2 **Q. PLEASE DESCRIBE THE DEVELOPMENT OF THE FULLY**
3 **ALLOCATED EMBEDDED CLASS COST-OF-SERVICE STUDY**
4 **CONTAINED IN PNM EXHIBIT SAV-4.**

5 **A. The development of the ECCOSS Model in PNM Exhibit SAV-4 consists of three**
6 **major steps: (1) functionalization; (2) classification; and (3) allocation. PNM**

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 follows industry standard methods prescribed by the NARUC to functionalize,
2 classify and allocate costs to customer classes.¹⁰

3
4 The first step, functionalization, categorizes embedded costs by the operating
5 function in which the costs are primarily associated. Functionalized categories
6 include generation, transmission, distribution and customer service. The cost of
7 service model as supported by PNM Witness Monroy functionalizes PNM's
8 revenue requirement by separating the costs into different functional categories
9 (i.e., production, transmission, distribution) in accordance with the FERC
10 Uniform System of Accounts. The ECCOSS Model pulls in the functionalized
11 costs from PNM Witness Monroy's cost of service model.

12
13 Classification further divides the functionalized costs into:

- 14 • demand-related categories (i.e., costs associated with being able to
15 serve customers at the system and class peaks);
- 16 • energy-related categories (i.e., costs that vary volumetrically with
17 the amount of energy used by customers); and
- 18 • customer-related categories (i.e., costs that are directly related to
19 the number of customers served).¹¹

20 The classification factors PNM uses to assign items of plant and expense are
21 described in Rule 530 Schedule M-2.

¹⁰ See NARUC Manual at Chapter 2.

¹¹ *Id.* at 22.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 Finally, the third step is allocation. Costs are allocated to customer classes based
2 upon criteria that fairly reflect each class's responsibility for the cost.¹² As noted
3 above, the allocation factors and ratios are shown in Summary Allocators (PNM
4 Exhibit SAV-3), the ECCOSS Model (PNM Exhibit SAV-4) and in Rule 530
5 Schedule M-1.

6
7 To assist the Commission and the parties to this proceeding in understanding and
8 utilizing the ECCOSS Model, PNM has created an ECCOSS User Manual that
9 fully explains how the model operates, as well as how interested parties can make
10 modifications to the model. The ECCOSS User Manual is being filed as PNM
11 Exhibit SAV-6.¹³

12
13 **Q. PLEASE EXPLAIN WHY PNM HAS INCLUDED FUEL COSTS IN THE**
14 **ECCOSS MODEL.**

15 **A.** In the 2015 Rate Case, the Commission ordered the Company to remove base fuel
16 costs from its revenue requirement and collect all fuel costs through its Fuel and
17 Purchased Power Cost Adjustment Clause ("FPPCAC") Factor. In this rate case,
18 PNM's non-fuel revenue requirement reflects this Commission directive.
19 However, some fuel costs must be included in the ECCOSS Model to properly
20 calculate certain tax revenue for each individual rate class. PNM has not

¹² Additionally, prior to allocation, some costs that can be directly linked to a class or customer are directly assigned.

¹³ The ECCOSS User Manual has not been modified significantly since the 2015 Rate Case, as most of the updates relate primarily to references within the ECCOSS Model.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 otherwise used the fuel costs that are included in the ECCOSS Model to
2 determine rates.

3
4 **Q. HAVE YOU IDENTIFIED SPECIFIC CALCULATIONS WITHIN THE**
5 **ECCOSS WORKING MODEL THAT ARE HARD INPUTS?**

6 **A.** Yes. The ECCOSS Model uses only a few hard inputs. The hard inputs in the
7 ECCOSS Model are located in the “COST OF SERVICE” worksheet at rows
8 1646, 1649, 1650, 1656 and 1661.

9
10 The first three rows (1646, 1649 and 1650) are calculations of marginal capital
11 costs for meters and secondary service lines per rate class. These inputs are used
12 to determine two allocations: “Wtd_Meters” and “Wtd_Services.” The first
13 allocation is the number of meters by rate class multiplied by the marginal capital
14 cost for the meters. The allocation is used to allocate Meters Net Plant (ECCOSS
15 Model row 306) to rate classes in the rate base calculations. The second
16 allocation is the number of services by rate class multiplied by the marginal
17 capital cost for secondary services. The allocation is used to allocate Services Net
18 Plant (ECCOSS Model row 304) to rate classes in the rate base calculations. The
19 marginal capital costs for both meters and secondary services were determined by
20 using data from PNM’s Commercial and Industrial Services and System
21 Reliability group and thus were presented as hard inputs and not as calculations.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 The hard inputs on row 1656 are PNM's General Ledger balances by rate class for
2 Customer Deposits as of June 30, 2016. These inputs are used to calculate an
3 allocation (Customer_Deposits) that is used to allocate costs for Customer
4 Deposits (ECCOSS Model row 419, Other Rate Base Items, Customer Deposits)
5 and Interest on Customer Deposits (ECCOSS Model row 992, Other Allowable
6 Expenses, 431.0 – Interest on Customer Deposits) to rate classes. No calculation
7 was provided since the hard data inputs come from PNM's General Ledger.

8
9 The hard inputs on row 1661 are percentages from PNM's General Ledger
10 balances by rate class for Uncollectible balances as of June 30, 2016. These
11 inputs are used to create an allocation (_Exp904) that is used to allocate costs for
12 FERC Account 904 – Uncollectible Expenses to rate classes (ECCOSS Model
13 row 746). As above, no calculation was provided since the hard data inputs come
14 from PNM's General Ledger.

15
16 **Q. DOES THE ECCOSS MODEL SUPPORT ANY RULE 530 SCHEDULES?**

17 **A.** Yes. The ECCOSS Model calculates or presents the values in the following Rule
18 530 Schedules:

- 19 • K-2, Allocation of Rate Base – functional classification for the Base
20 Period and Test Period.
- 21 • K-3, Allocation of Rate Base by demand, energy and customers for the
22 Base Period and Test Period.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

- 1 • K-4, Allocation of Rate Base to rate classes for the Base Period and
2 Test Period.
- 3 • K-6, Allocation of total expenses by functional classification for the
4 Base Period and Test Period.
- 5 • K-7, Allocation of total expenses by demand, energy and customer for
6 the Base Period and Test Period.
- 7 • K-8, Allocation of total expenses to rate classes for the Base Period
8 and Test Period.
- 9 • L-1, Allocated cost per billing unit of demand, energy and customer
10 for the Base Period and Test Period.
- 11 • M-1, Allocation factors used to assign items of plant and expenses to
12 the various rate classes for the Base Period and Test Period.
- 13 • N-1, Rate of return by rate classification for the Base Period and Test
14 Period.

15
16 **IV. CLASSIFICATION OF DISTRIBUTION COSTS**

17 **Q. WAS PNM REQUIRED TO ADDRESS THE CLASSIFICATION OF**
18 **CERTAIN DISTRIBUTION COSTS IN THIS RATE CASE?**

19 **A.** Yes. The Corrected Recommended Decision (see pages 189-192) issued in the
20 2015 Rate Case requires that within two months of a final order in the 2015 Rate
21 Case, PNM should begin collecting and maintaining the data necessary to
22 determine the demand and customer components of distribution facilities for

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 purposes of using an MDS methodology for classifying distribution costs. PNM
2 also is required to identify which of the two MDS methods detailed by NARUC –
3 the minimum-size-of-facilities method or the minimum-intercept cost of facilities
4 method – it proposes to use in a subsequent rate case filing to determine the
5 demand and customer components of distribution facilities. As part of this
6 identification of PNM’s chosen future methodology, the Company is required to
7 describe the procedure it has adopted, or will adopt, to collect and maintain the
8 data necessary to use the chosen method.

9
10 **Q. PLEASE DESCRIBE THE MDS METHODOLOGY.**

11 **A.** From a high-level perspective, the MDS methodology is a process of classifying
12 distribution plant as either demand-related or customer-related by analyzing the
13 underlying distribution facilities and developing allocations that assign costs as
14 demand or customer. This concept is based on the idea that to simply connect a
15 customer to the power system, a minimum amount of distribution facilities and
16 equipment are necessary.

17
18 **Q. WHICH FERC ACCOUNTS REQUIRE COST CLASSIFICATION**
19 **SCRUTINY TO IDENTIFY THEIR CUSTOMER-RELATED**
20 **COMPONENTS?**

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **A.** Consistent with the MDS methodology as described in the NARUC Manual,¹⁴
2 Accounts 364-370 require an analysis to properly apportion their overall costs
3 into those which are customer-related and those which are demand-related.

4
5 **Q. DOES NARUC DISCUSS THE COST CLASSIFICATION AND THE**
6 **ALLOCATION OF THESE ACCOUNTS?**

7 **A.** Yes. Its official guidebook, the *Electric Utility Cost Allocation Manual*, offers
8 clear instructions. The following is an excerpt from page 90 of its January 1992
9 edition, which has not been updated:

10 Distribution plant Accounts 364 through 370 involve demand and
11 customer costs. The customer component of distribution facilities
12 is that portion of costs which varies with the number of customers.
13 Thus, the number of poles, conductors, transformers, services, and
14 meters are directly related to the number of customers on the
15 utility's system. ... [E]ach primary plant account can be separately
16 classified into a demand and customer component. Two methods
17 are used to determine the demand and customer components of
18 distribution facilities. They are, the minimum-size-of-facilities
19 method, and the minimum-intercept cost (zero-intercept or
20 positive-intercept costs, as applicable) of facilities.¹⁵

21
22 **Q. DOES NARUC IDENTIFY ACCEPTABLE METHODS FOR**
23 **CLASSIFYING DISTRIBUTION PLANT COSTS AS EITHER DEMAND**
24 **OR CUSTOMER?**

25 **A.** Yes. As mentioned above, NARUC identifies two distinct methods for
26 classifying distribution plant as either customer-related or demand-related. The

¹⁴ NARUC Manual at 90.

¹⁵ *Id.* at 90-95.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 two methods are: (1) minimum-size method and (2) minimum-intercept method,
2 which I will refer to as the zero-intercept method.

3
4 **Q. WHAT IS THE RESULT OF PNM USING EITHER A MINIMUM-SIZE**
5 **OR ZERO-INTERCEPT METHODOLOGY FOR ACCOUNTS 364 TO**
6 **368?**

7 **A.** Under either methodology the result would be to classify certain portions of
8 distribution-related plant accounts as customer-related costs. To be more specific,
9 currently PNM classifies the following distribution plant accounts as demand-
10 related: 364 – Poles, Towers, and Fixtures; 365 – Overhead Conductors and
11 Devices; 366 and 367 – Underground Conduits, Conductors, and Devices; and
12 368 – Line Transformers. Either the minimum-size or the zero-intercept method
13 would have PNM split the costs of plant accounts 364 through 368 between
14 demand-related and customer-related costs. In particular, the portion of
15 distribution-related plant that varies with the number of customers would be
16 classified as customer-related costs.

17
18 **Q. ARE ACCOUNT 369 (SERVICES) AND ACCOUNT 370 (METERS)**
19 **CURRENTLY CLASSIFIED AS 100 PERCENT CUSTOMER-RELATED?**

20 **A.** Yes, such treatment is consistent with the NARUC Manual.¹⁶ Services are the
21 lines that provide the connection between the secondary level distribution

¹⁶ *Id.* at 96.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 transformer and the customer's meter and enable the customer to receive service.

2 The meter measures the amount of electricity that the customer consumes and is
3 used for billing. In both cases, services and meters relate to customers and not
4 demand.

5
6 **Q. WHAT IS THE RESULT OF CLASSIFYING CERTAIN DISTRIBUTION**
7 **PLANT COSTS IN ACCOUNTS 364 THROUGH 368 AS CUSTOMER-**
8 **RELATED?**

9 **A.** As mentioned above, PNM currently classifies distribution plant accounts 364
10 through 368 as demand-related. Shifting the classification to customer-related
11 results in more customer-related costs for all rate classes that must be allocated
12 through the ECCOSS Model.¹⁷

13
14 **Q. WHAT IS THE IMPACT OF THIS SHIFT?**

15 **A.** Customer-related costs allocated to the residential class will increase, and
16 distribution demand-related costs allocated to the residential class will decrease
17 due to utilization of an MDS methodology. In total, combining the impact of this
18 shift of customer-related and demand-related costs, the residential class will
19 receive higher allocated costs as a result of MDS. Please see Table SAV-2 below,
20 which is an illustrative example of the potential impact of using an MDS
21 methodology.

¹⁷ Recall, as noted above, classification of costs as energy-related, demand-related or customer-related occurs before the Company allocates costs.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

**Table SAV-2
Illustrative Example of MDS Impact
(\$ millions)**

Cost Category	Total Costs	ECCOSS Alloc. to Res	Total Alloc. Costs	Assumed % Shift due to MDS		Adjusted Total Costs	Adjusted Alloc. Costs	Higher Costs to Res
Distribution Demand	\$140.0	50%	\$70.0		-\$42.0	\$98.0	\$49.0	
				30% ¹⁸				
Customer	\$100.0	75%	\$75.0		\$42.0	\$142.0	\$106.5	
Total	\$240.0		\$145.0			\$240.0	\$155.5	7.2%

Q. PLEASE DESCRIBE THE MINIMUM-SIZE METHODOLOGY.

A. The philosophy of the minimum-size methodology is that in order to simply connect a customer to the system, a minimum size of equipment is necessary. The cost of this minimum-size equipment is then categorized as a customer-related cost. For example, a utility incurs transformer costs based upon various transformer sizes. Supposing that a 15 kVA line transformer represents the smallest size transformer normally used, the unit installed costs of a 15 kVA transformer would be employed as the basis for the customer cost of all transformers. The residual transformer costs are treated as demand-related.

¹⁸ This 30% assumption is not based on a specific study using either the minimum-size or zero-intercept methods.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. WHAT ARE THE SHORTCOMINGS OF THE MINIMUM-SIZE**
2 **METHODOLOGY?**

3 **A.** This methodology has a weakness given that even the smallest standard size
4 equipment, such as the 15 kVA transformer, is capable of carrying load. In other
5 words, even a 15 kVA transformer has a capacity function. This capacity is
6 demand-related and should be allocated as such, but the method does not
7 recognize these as demand-related costs.

8
9 **Q. PLEASE DESCRIBE THE ZERO-INTERCEPT METHOD.**

10 **A.** The zero-intercept method is based on a regression analysis of equipment costs.
11 The y-axis is based upon equipment unit cost and the x-axis is based upon sizes of
12 equipment. This analysis creates a regression equation with acceptable
13 confidence intervals that provides cost projections for equipment having load
14 capacities outside the range of existing equipment. This regression analysis
15 permits a cost analyst to extrapolate back to a level of zero (i.e., a theoretical no-
16 load) capacity referred to as the y-intercept. The analysis thereby identifies a
17 value of unit cost for equipment with zero-load capacity. The cost related to the
18 zero-intercept is the customer component.¹⁹

19

¹⁹ NARUC Manual at 92.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. ARE THERE ANY ADVANTAGES OR DISADVANTAGES TO THE**
2 **ZERO-INTERCEPT METHOD?**

3 **A.**The NARUC Manual states that the zero-intercept method requires considerably
4 more data and calculation than the minimum-size method.²⁰ However, the
5 NARUC Manual also states that the zero-intercept methodology is more accurate
6 than the minimum-size methodology, although the final differences between the
7 two methods may be relatively small.²¹

8
9 **Q. WHICH METHOD DOES PNM PROPOSE TO UTILIZE TO CONFORM**
10 **TO THE COMMISSION'S REQUIREMENTS FROM THE 2015 RATE**
11 **CASE?**

12 **A.**If required, PNM plans to use the zero-intercept methodology where PNM has
13 gathered or can gather the appropriate data required for the application of this
14 method. In cases where PNM does not have the required data or cannot gather it,
15 PNM would plan to use the minimum-size method.

16
17 **Q. CAN YOU PROVIDE AN EXAMPLE OF WHERE THE COMPANY**
18 **MIGHT NOT HAVE OR NOT BE ABLE TO GATHER THE REQUIRED**
19 **DATA FOR THE ZERO-INTERCEPT METHODOLOGY?**

20 **A.**Yes. As noted above, for the zero-intercept methodology, the y-axis is based
21 upon equipment unit cost and the x-axis is based upon sizes of equipment. In

²⁰ *Id.*

²¹ *See id.*

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 some cases, PNM does not have detailed records on the cost of each individual
2 item of equipment, particularly older equipment. PNM, however, would still be
3 able to utilize the minimum-size method in such situations, as the Company could
4 identify the minimum size of the equipment and establish cost data for this
5 method.

6
7 **Q. DID PNM BEGIN COLLECTING THE NECESSARY DATA IN**
8 **ACCORDANCE WITH THE FINAL ORDER FROM THE 2015 RATE**
9 **CASE?**

10 **A.** Yes. PNM has started gathering the necessary data required to conduct the zero-
11 intercept method. As noted above, where the data is not available to use the zero-
12 intercept method, PNM will start conducting research and data gathering to use
13 the minimum-size methodology. Determining the minimum size, in particular, is
14 an engineering exercise that will require Company engineers to identify the
15 minimum size of select groups of distribution plant.

16
17 **Q. CAN YOU EXPLAIN IN MORE DETAIL WHY USING THE ZERO-**
18 **INTERCEPT AND MINIMUM-SIZE METHODS RESULTS IN A**
19 **HIGHER RESIDENTIAL CUSTOMER CHARGE FOR THE**
20 **RESIDENTIAL RATE CLASS?**

21 **A.** Yes. While I do not have all of the necessary data to fully apply either the zero-
22 intercept or minimum-size methods to demonstrate actual rate impacts for this

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 rate case, I have provided an illustrative example above in Table SAV-2. Table
2 SAV-2 estimates that using an MDS methodology results in approximately an
3 additional \$30 million in customer-related costs being allocated to the residential
4 customer class.²² This additional allocation will necessarily result in a higher
5 customer charge, given that PNM has consistently proposed that customer charges
6 should collect all customer-related costs.

7
8 **Q. DOES PNM HAVE SOME CONCERNS ABOUT COMMISSION**
9 **IMPLEMENTATION OF AN MDS METHODOLOGY?**

10 **A.** Yes. Ultimately PNM has some concerns that it will undertake the task of
11 gathering data for the zero-intercept and minimum-size methods, but the
12 Commission will find the classification of distribution costs under both methods
13 to be inconsistent with preferred rate design principles. In particular, as noted
14 above, using either methodology will result in significantly more distribution
15 costs being classified as customer-related; the majority of these costs therefore
16 will be assigned to the Company's largest class of customer with the most
17 distribution facilities, namely the residential rate class. These additional costs
18 would appropriately be recovered through the residential customer charge.

19
20 The Commission has not historically supported significant increases to the
21 residential customer charge. Similarly, the Commission has in the past supported

²² The \$30 million estimate was derived by subtracting the total allocated costs to the customer category (\$75 million) from the adjusted allocated costs to the customer category (\$106.5 million) in Table SAV-2.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 a banding technique that results in a lower overall rate increase for the residential
2 customer class as compared to the fully allocated costs that flow from the
3 ECCOSS Model. Based on the Commission's gradualism approach to increasing
4 the residential customer charges and the adoption of banding to mitigate the
5 increase to rates for this rate class, it would be impractical to collect the needed
6 data and assign costs in a manner that is inconsistent with the Commission's
7 current approach of rate mitigation for the residential class.

8

9 **Q. GIVEN THIS NEW INFORMATION, SHOULD THE COMMISSION**
10 **REASSESS ITS REQUIREMENT THAT PNM COLLECT AND**
11 **ANALYZE THE DATA USING ONE OF THE MDS METHODOLOGIES?**

12 **A.** Yes. If the Commission is unwilling to have residential customer charges reflect
13 these increased costs or believes the preliminary results presented in this case
14 regarding the effect of the MDS method on rates are inconsistent with its general
15 rate design policies, it should reassess the 2015 Rate Case requirement that PNM
16 collect and analyze the data in such a way.

17

18 **Q. IF THE COMMISSION MOVES FORWARD WITH THE**
19 **REQUIREMENT THAT PNM ASSIGN COSTS USING ONE OF THE**
20 **MDS METHODOLOGIES, WHAT FIRST STEP SHOULD THE**
21 **COMMISSION TAKE IN THIS RATE CASE?**

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **A.** If the Commission moves forward with the requirement that the Company track
2 costs based on one of the two MDS methodologies, the Commission should more
3 aggressively continue its progress in increasing the residential customer charge to
4 reflect the full amount of the Company's allocated customer-related costs, which
5 is \$13.77 as proposed. As noted above, the customer charge will increase in
6 PNM's next rate case for no other reason than that additional distribution plant
7 will be assigned as customer-related costs. It will be difficult to implement that
8 result in the next rate case without additional rate shock, if the Commission does
9 not take the first step in this case of increasing PNM's residential customer charge
10 to the full amount of indicated customer-related costs. PNM Witness Aguirre
11 supports PNM's proposed residential customer charge in this rate case.

V. RATE 3B/3C – GENERAL POWER

14 **Q.** **DID THE COMMISSION ISSUE ANY DIRECTIVES IN THE 2015 RATE**
15 **CASE REGARDING THE COST OF SERVICE FOR RATES 3B/3C –**
16 **GENERAL POWER?**

17 **A.** Yes. PNM was required to conduct a separate cost of service study for Rate 3B –
18 General Power and Rate 3C – General Power Low Load Factor. Corrected
19 Recommended Decision at 279.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **Q. HAS PNM CONDUCTED A SEPARATE COST OF SERVICE STUDY**
2 **FOR ITS GENERAL POWER RATES?**

3 **A. Yes.**

4

5 **Q. ARE THE RESULTS OF THE SEPARATE COST OF SERVICE STUDY**
6 **WHAT PNM ANTICIPATED?**

7 **A. Yes.** It is well-accepted that higher-load factor customers are more likely to
8 experience their peaks at the same time as the system coincident peak.²³ As such,
9 PNM expected that the peaks for the higher load factor customers, namely Rate
10 3B – General Power, were more likely to be coincident with the Company's
11 system peak as compared to the lower load factor customers, Rate 3C – General
12 Power Low Load Factor. As noted above, PNM allocates generation-demand and
13 transmission-demand costs using the 3S1WCP allocation methodology. The
14 alignment of Rate 3B's peaks with the system peaks using a 3S1WCP allocation
15 methodology drove up the allocated costs for Rate 3B as compared to Rate 3C,
16 which is what PNM expected would occur.

17

18 **Q. EVEN IF THE RESULTS WERE AS EXPECTED, DID THE COMPANY**
19 **ENCOUNTER ANY PROBLEMS IN CONDUCTING SEPARATE COST**
20 **OF SERVICE STUDIES FOR THESE RATE CLASSES?**

²³ See Lawrence J. Vogt, P.E., *Electricity Pricing: Engineering Principles and Methodologies*, at 577 (2009).

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 **A.** Yes. New sample designs were attempted for Rate 3C – General Power Low
2 Load Factor that would create statistically significant results. These new sample
3 designs used load research meters already in the field for this rate class, along
4 with the historical analysis for the Base Period. After multiple sample design
5 attempts were made without resulting in acceptable statistically significant results,
6 PNM created a sample for Rate 3C that weighted the current Rate 3C customer
7 population against the existing overall General Power sample design (i.e., a
8 combined Rate 3B and 3C). This weighted sample produced the expected
9 outcome, as discussed above, and was ultimately used in the cost of service.
10 However, this weighted sample is not considered statistically significant.

11
12 **Q.** **DOES PNM HAVE PLANS TO CONDUCT A NEW SAMPLE DESIGN TO**
13 **GET MORE ACCURATE RESULTS FOR RATE 3C – GENERAL**
14 **POWER LOW LOAD FACTOR?**

15 **A.** Yes. PNM plans to install additional load research meters once a new sample
16 design is completed for Rate 3C – General Power Low Load Factor. Once this
17 equipment has been installed and 12 months of data have been gathered, PNM
18 will be able to improve the accuracy of the data used in calculating a separate cost
19 of service study for Rate 3C – General Power Low Load Factor, which will
20 improve the statistical confidence in the results. In this rate case, PNM is relying
21 on the results of the alternative sampling process, which allowed the Company to

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 approximate more accurately the cost to serve the two General Power schedules
2 as separate rate classes.

3
4 **Q. WERE THE RESULTS FROM THE RATE 3B – GENERAL POWER**
5 **SAMPLE DESIGN STATISTICALLY SIGNIFICANT?**

6 **A.** Yes. A new sample for Rate 3B – General Power was designed and
7 implementation began in July 2016. The full installation of meters was not
8 complete until October 2016. A review of the analysis from the load research
9 meters already deployed in the field, along with the newly installed meters for the
10 new sample design, indicated that PNM's existing field meters already produced
11 statistically significant results. These results were used in this rate case.

12
13 **Q. DESPITE THE LACK OF STATISTICAL VALIDATION FOR THE RATE**
14 **3C DATA, CAN THE COMMISSION RELY UPON PNM'S SEPARATE**
15 **COST OF SERVICE FOR THESE RATE CLASSES?**

16 **A.** Yes. As noted above, PNM was able to design a study that produced reasonably
17 reliable results for Rate 3C – General Power Low Load Factor customers. While
18 the study was not statistically significant, the results were as expected in that more
19 costs were allocated to the higher load factor customer class of Rate 3B – General
20 Power. Given that PNM used the best data available at this time and the results
21 are indicative of an appropriate outcome, the Commission can rely upon the
22 Company's separate cost of service studies for these rate classes.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

**VI. PROOF THAT NO OTHER CUSTOMER CLASS WILL BE SUBJECT TO
INCREASED RATES DUE TO THE NEW RATE 36B CUSTOMER**

**Q. WHAT DETERMINATION MUST THE COMMISSION MAKE IN THIS
CASE AS A RESULT OF ITS DECISION IN NMPRC CASE NO. 16-00191-
UT?**

A. In that proceeding, the Commission indicated that in future rate cases where PNM requests an increase in customer class rates, the Commission shall determine:

[W]hether or not any customer class will be subject to increased rates due to [Rate 36B's] fixed 'Contribution to Production Charge for System Supplied Energy' [] of \$0.0231074 per kWh. The Commission shall determine whether or not PNM will be allowed to recover such increased costs in the form of increased rates to other customer classes.²⁴

**Q. IN THE ECCOSS MODEL YOU PREPARED IN THIS CASE, DID YOU
ALLOCATE PRODUCTION COSTS TO RATE 36B?**

A. No. Production costs for the anticipated amount of energy the Rate 36B customer would require when leaning on PNM's system were not allocated to Rate 36B. As the Commission is aware, the Rate 36B customer will, at times, require energy from PNM's system, and thereby will "lean on the Company's system." When I refer to "lean on the Company's system," I am discussing the scenario when the Rate 36B customer will be required to take energy from PNM's generation resources rather than the renewable energy resources specifically acquired for and paid for by that customer. Rather than allocating production costs to the Rate 36B

²⁴ Case No 16-00191-UT, Final Order, at 41, ¶ 97.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

customer, all production costs for this customer were allocated to the other customer classes using the 3S1WCP allocator. Consequently, the revenue requirements coming from the ECCOSS Model for all other customer classes are higher.²⁵ This allocation to other customer classes is offset by the production credits that are deducted from the ultimate revenue requirements during banding.

Q. WHAT STEPS DID PNM CONDUCT TO PROVE THAT NO OTHER CUSTOMER CLASS IS ABSORBING THE COST OF RATE 36B'S PRODUCTION COSTS?

A. In step 1, PNM analyzed the total amount of Contribution to Production coming from the Rate 36B customer, as well as what the allocated production costs would be if the Rate 36B customer leaned on PNM's system. Step 1 concludes by demonstrating that the system as a whole would not subsidize the Rate 36B customer. For step 2, PNM shows the breakdown by customer class to prove that no other customer class is subsidizing Rate 36B for production-related costs.

Q. PLEASE EXPLAIN STEP 1.

A. Step 1 starts with Table SAV-3 below.

²⁵ See Table SAV-4 below, which shows each customer classes' increased allocation as a result of Rate 36B.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

**Table SAV-3
Revenue Collected through Contribution to Production
Compared to Theoretical Allocated Revenue**

	Test Period
Cont. to Production Revenue	
Cont. to Production kWh	37,966,258 ²⁶
Cont. to Production Rate	\$0.0231074 ²⁷
Cont. to Production Revenue	\$877,302
Revenue Requirement	
Demand Production	\$837,819
Revenue in excess of Requirements	\$39,483

As shown above, pursuant to a special contract, the Rate 36B customer is subject to a fixed “Contribution to Production Charge for System Supplied Energy” of \$0.0231074 per kWh. The total projected kWh (37,966,258 kWh) for when the Rate 36B will lean on PNM’s system during the Test Period is multiplied by the rate per kWh (\$0.0231074) as set forth in the special contract. The result is that the Company will receive \$877,302 from the Rate 36B customer for the Test Period. This amount will be allocated and credited back to other customer classes during banding, as noted below and supported by PNM Witness Aguirre.

Step 1 continues by showing the calculation of production demand costs that would be allocated to the Rate 36B customer if that customer leaned on PNM’s generation resources for the projected amount of energy the customer is expected

²⁶ See PNM Exhibit SC-5 at 7 of 14, which is the Test Period Billing Determinants.

²⁷ As noted above, this rate was set in Case No. 16-00191-UT.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 to use during the Test Period. Under this scenario, its allocated cost of production
2 would be \$837,819.²⁸ Comparing the \$877,302 PNM will receive from the Rate
3 36B customer with the amount that would have been allocated to this customer if
4 the customer leaned on PNM's system, the result is that the revenue received is
5 greater than this customer's cost responsibility.

6
7 **Q. PLEASE EXPLAIN STEP 2.**

8 **A.** The result of step 1 showed that the system as a whole would not subsidize the
9 Rate 36B customer. Step 2 continues the analysis by determining whether any
10 individual rate class would subsidize the Rate 36B customer. In order to
11 determine if other rate classes may be subsidizing the Rate 36B customer, the
12 Company ran a theoretical ECCOSS Model using assumed allocators to replicate
13 a scenario where this customer leaned on PNM's generation resources for the
14 projected amount of energy the customer is expected to use during the Test
15 Period. This theoretical ECCOSS Model breaks down this scenario by customer
16 class. Table SAV-4 shows the results of this theoretical model run, as compared
17 to the ECCOSS Model as filed, wherein the Rate 36B customer was not allocated
18 any production costs. Table SAV-4 also shows the amount each customer class
19 receives of the \$877,302, which is the Contribution to Production that the Rate
20 36B customer pays in accordance with the special contract.

21

²⁸ See Table SAV-3 above.

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1

**Table SAV-4
Customer Class Comparison to Demonstrate No Subsidy for Rate 36B**

	A	B	C	D = B - C	E	F = D + E
	Rate Class	Total Revenue Requirement as Filed	Total Revenue Requirement with 36B Generation	Higher Revenue Requirement as Filed	Credit for 36B Contribution to Production	Credit in Excess of Costs
1						
2	1A/1B	\$409,380,632	\$408,968,730	\$411,902	(\$430,008)	(\$18,106)
3	2A/2B	\$104,955,863	\$104,842,205	\$113,658	(\$118,630)	(\$4,971)
4	3B	\$125,359,685	\$125,215,945	\$143,740	(\$150,031)	(\$6,291)
5	3C	\$16,950,253	\$16,932,892	\$17,361	(\$18,264)	(\$903)
6	4B	\$76,151,831	\$76,058,209	\$93,622	(\$97,965)	(\$4,342)
7	5B	\$3,883,432	\$3,878,286	\$5,146	(\$5,373)	(\$227)
8	10A/10B	\$2,518,683	\$2,516,380	\$2,303	(\$2,405)	(\$101)
9	11B	\$11,166,445	\$11,157,333	\$9,112	(\$9,509)	(\$397)
10	15B	\$3,699,342	\$3,694,048	\$5,293	(\$5,528)	(\$235)
11	30B	\$17,468,888	\$17,446,367	\$22,521	(\$23,527)	(\$1,006)
12	33B	\$146,106	\$145,915	\$191	(\$199)	(\$8)
13	35B	\$10,089,364	\$10,078,499	\$10,865	(\$13,704)	(\$2,839)
14	36B	\$1,495,195	\$2,333,009	See Note Below		
15	6	\$1,657,214	\$1,656,717	\$496	(\$509)	(\$13)
16	20	\$6,714,447	\$6,712,845	\$1,601	(\$1,650)	(\$48)
17	Total	\$791,637,380	\$791,637,379	\$837,814	(\$877,302)	(\$39,487)

Note: 36B values excluded for illustration of system benefit from Contribution to Production Credit.

Rev. Rqmnt. difference due to 36B = \$837,814 = (\$2,333,009 - \$1,495,195)

Total Credit allocated back to system from 36B = \$877,302

Overall system benefit from Contribution to Production Credit = \$39,487

2 **Q. GIVEN THESE RESULTS, CAN THE COMMISSION DETERMINE**
3 **THAT OTHER CUSTOMERS ARE NOT ABSORBING ADDITIONAL**
4 **PRODUCTION COSTS?**

5 **A. Yes.** Given that the expected revenue from the Rate 36B customer for every other
6 rate class is greater than the production costs that each customer class is allocated

**DIRECT TESTIMONY OF
SCOTT A. VOGT
NMPRC CASE NO. 16-00276-UT**

1 during Test Period, the Commission can indeed conclude that no other rate class
2 will be subject to increased rates due the new Rate 36B customer. Column F in
3 Table SAV-4 demonstrates credit in excess of production costs that each customer
4 class will receive.

5

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

7 **A. Yes.**

GCG#522669

Statement of Qualifications

PNM Exhibit SAV-1

Is contained in the following 1 page

SCOTT A. VOGT: EDUCATIONAL AND PROFESSIONAL SUMMARY

CURRENT POSITION: *Manager, Pricing and Business Analytics*, Strategic Marketing and Product Management. Public Service Company of New Mexico (PNM)

EDUCATION:

M.B.A. Finance and Accounting, Regis University, 2009.

B.S.B.A. Accounting, University of Colorado at Colorado Springs, 1984.

EXPERIENCE:

Manager, Pricing and Business Analytics, Public Service Company of New Mexico (PNM). (10/2015-Present)

Lead Pricing Analyst, Public Service Company of New Mexico (PNM). (08/2014-10/2015)

Principle Pricing Analyst/Supervisor, Financial Planning & Pricing, Colorado Springs Utilities. (06/2008-03/2013).

Project Manager, Benchmarking, Colorado Springs Utilities. (10/2006-06/2008)

Manager, Business Performance and Reporting, Colorado Springs Utilities. (01/2005-10/2006)

Manager, General Accounting, Colorado Springs Utilities. (11/1993-01/2005)

TESTIMONY:

Before the New Mexico Public Regulation Commission

- Case No. 12-00007-UT, Application of PNM for Approval of Renewable Energy Rider No. 36, Advice No. 520, 8th Revised Rider No. 36 Reconciliation for 2015, filed February 26, 2016
- Case No. 14-00310-UT, Testimony in Support of PNM's Reconciliation of 2015 Energy Efficiency Program Costs and Profit Incentive proposed in Advice No. 523, 17th Revised Rider No. 16, filed April 15, 2016
- Case No. 16-00148-UT, PNM's Renewable Energy Act Plan for 2017 and Proposed 2017 Rider, Advice No. 525, 9th Revised Rider No. 36 – Renewable Energy Rider, filed June 1, 2016
- Case No. 16-00150-UT, Original Rio Rancho Underground Project Rider No. 46, Advice No. 526, filed June 26, 2016

Alphabetical Listing of Acronyms Used in This Testimony

PNM Exhibit SAV-2

Is contained in the following 1 page

PNM Exhibit SAV-2
ACRONYMS USED IN TESTIMONY

<u>Term</u>	<u>Acronym</u>
3-Summer/1-Winter Coincident Peak method	3S1WCP
Average and Excess Demand	AED
Electric Utility Cost Allocation Manual, National Association of Regulatory Utility Commissioners (Jan. 1992)	NARUC Manual
Embedded Class Cost of Service Study	ECCOSS or ECCOSS Model
Federal Energy Regulatory Commission	FERC
Fuel and Purchased Power Cost Adjustment Clause	FPPCAC
Minimum Distribution System	MDS
National Association of Regulatory Utility Commissioners	NARUC
Non-coincident peak	NCP
New Mexico Public Regulation Commission	NMPRC or Commission
NMPRC Case No. 10-00086-UT	2010 Rate Case
NMPRC Case No. 15-00261-UT	2015 Rate Case
Public Service Company of New Mexico	PNM or Company
Rate 36B – Special Service Rate – Renewable Energy Resource	Rate 36B
Twelve Coincident Peak method	12 CP

Summary Allocators Model

PNM Exhibit SAV-3

Is contained in the following 14 pages

Summary Tables

Base Period

Jul 2015 - Jun 2016

Ln #	Juris	Tariff Class	Base Period 07/2015	Base Period 08/2015	Base Period 09/2015	Base Period 10/2015	Base Period 11/2015	Base Period 12/2015	Base Period 01/2016	Base Period 02/2016	Base Period 03/2016	Base Period 04/2016	Base Period 05/2016	Base Period 06/2016	Base Period
1	Customers by Month														
2	N + S	1 - Residential	457,705	457,997	458,352	458,770	459,150	459,353	459,860	460,018	460,457	460,696	460,763	461,061	5,514,182
3	N + S	2 - Small Power	52,168	52,121	52,101	52,120	52,186	52,191	52,225	52,247	52,231	52,223	52,252	52,254	626,319
4	N + S	3B - General Power	3,383	3,381	3,373	3,360	3,353	3,349	3,345	3,341	3,338	3,335	3,336	3,339	40,233
5	N + S	3C - General Power Low LF	879	886	893	894	894	898	916	924	931	934	933	932	10,914
6	N + S	4B - Large Power	217	216	219	219	219	219	220	220	220	220	220	220	2,629
7	N + S	5B - Lg. Svc. (8 MW)	2	2	2	2	2	2	2	2	2	2	2	2	24
8	N + S	10 - Irrigation	334	333	332	324	325	322	322	323	326	323	321	320	3,905
9	N + S	11B - Wtr/Swg Pumping	157	157	157	157	157	157	157	157	154	154	153	153	1,870
10	N + S	15B - Universities 115 kV	1	1	1	1	1	1	1	1	1	1	1	1	12
11	N + S	30B - Manuf. (30 MW)	1	1	1	1	1	1	1	1	1	1	1	1	12
12	N + S	33B - Lg. Svc. (Station Power)	1	1	1	1	1	1	1	1	1	1	1	1	12
13	N + S	35B - Lg. Svc. (3 MW)	4	4	4	4	4	4	4	4	4	4	4	4	48
14	N + S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
15	N + S	6 - Private Lighting	0	0	0	0	0	0	0	0	0	0	0	0	0
16	N + S	20 - Streetlighting	0	0	0	0	0	0	0	0	0	0	0	0	0
17															
18	N + S	Total	514,852	515,100	515,436	515,853	516,293	516,498	517,054	517,239	517,666	517,894	517,987	518,288	6,200,160
19															
20	kWh at Meter by Month														
21	N + S	1 - Residential	318,535,516	329,942,143	313,885,944	263,878,552	227,169,339	275,432,220	328,620,643	275,091,379	221,619,072	205,341,574	198,912,176	247,001,803	3,205,430,362
22	N + S	2 - Small Power	93,289,274	95,365,553	92,921,198	85,996,142	73,539,634	76,008,414	82,620,528	76,572,003	69,408,221	66,806,595	67,605,477	77,384,464	957,517,502
23	N + S	3B - General Power	160,603,605	164,380,752	164,400,646	155,415,649	134,529,530	133,819,684	140,101,055	131,246,556	123,981,024	121,470,030	124,423,595	140,244,267	1,694,616,391
24	N + S	3C - General Power Low LF	18,903,428	19,707,911	20,181,114	19,255,495	15,644,679	15,103,852	16,897,876	15,967,607	15,080,448	14,612,659	15,308,462	17,893,445	204,556,976
25	N + S	4B - Large Power	103,001,002	105,059,391	106,860,952	105,511,850	94,274,288	89,835,371	92,612,178	85,730,468	86,364,342	86,044,785	86,263,731	97,606,634	1,139,164,989
26	N + S	5B - Lg. Svc. (8 MW)	7,376,460	8,259,440	7,085,400	6,739,460	7,460,740	6,836,480	7,529,340	6,141,660	7,529,340	7,078,540	6,544,440	4,871,580	83,452,880
27	N + S	10 - Irrigation	3,181,086	3,414,097	2,823,389	1,817,952	548,292	362,250	154,266	710,879	1,672,896	2,348,964	2,726,969	3,351,457	23,112,497
28	N + S	11B - Wtr/Swg Pumping	12,575,465	17,110,884	19,382,776	16,844,813	16,402,448	11,769,447	12,208,167	10,911,709	11,167,249	12,850,921	15,035,690	16,783,358	173,242,928
29	N + S	15B - Universities 115 kV	7,259,375	6,687,803	7,454,387	8,971,502	5,876,428	4,071,743	3,409,257	4,187,908	3,847,651	5,555,260	5,027,545	8,084,722	70,433,581
30	N + S	30B - Manuf. (30 MW)	39,245,452	36,374,565	38,287,486	34,479,703	33,462,447	35,509,216	37,233,333	31,154,407	29,938,312	29,672,677	30,785,470	32,364,019	408,507,087
31	N + S	33B - Lg. Svc. (Station Power)	265,478	288,284	273,744	290,878	156,007	295,468	307,355	556,731	292,743	305,726	223,416	516,141	3,771,971
32	N + S	35B - Lg. Svc. (3 MW)	16,962,089	17,645,465	18,597,069	17,729,296	18,147,414	18,015,566	16,069,133	12,634,609	14,403,444	16,248,894	16,413,602	17,646,015	200,512,596
33	N + S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
34	N + S	6 - Private Lighting	1,304,020	1,305,280	1,289,732	1,289,019	1,287,189	1,282,175	1,288,707	1,279,629	1,282,627	1,280,338	1,276,045	1,275,040	15,439,801
35	N + S	20 - Streetlighting	4,152,890	4,152,974	4,158,964	4,166,569	4,172,852	4,182,232	4,185,462	4,178,241	4,163,383	4,156,616	4,151,275	4,150,842	49,972,300
36															
37	N + S	Total	786,655,139	809,694,542	797,802,801	722,386,879	632,671,286	672,524,118	743,237,300	656,363,786	590,750,751	573,773,579	574,697,891	669,173,787	8,229,731,860
38															
39	Base Fuel Revenues by Month														
40	N + S	1 - Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41	N + S	2 - Small Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	N + S	3B - General Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	N + S	3C - General Power Low LF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44	N + S	4B - Large Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45	N + S	5B - Lg. Svc. (8 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
46	N + S	10 - Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
47	N + S	11B - Wtr/Swg Pumping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48	N + S	15B - Universities 115 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
49	N + S	30B - Manuf. (30 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50	N + S	33B - Lg. Svc. (Station Power)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
51	N + S	35B - Lg. Svc. (3 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
52	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53	N + S	6 - Private Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54	N + S	20 - Streetlighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55															
56	N + S	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Summary Tables**Base Period****Jul 2015 - Jun 2016**

Ln #	Juris	Tariff Class	Base Period 07/2015	Base Period 08/2015	Base Period 09/2015	Base Period 10/2015	Base Period 11/2015	Base Period 12/2015	Base Period 01/2016	Base Period 02/2016	Base Period 03/2016	Base Period 04/2016	Base Period 05/2016	Base Period 06/2016	Base Period
58	Variable Fuel Revenues by Month														
59	N + S	1 - Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60	N + S	2 - Small Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61	N + S	3B - General Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62	N + S	3C - General Power Low LF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63	N + S	4B - Large Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64	N + S	5B - Lg. Svc. (8 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65	N + S	10 - Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
66	N + S	11B - Wtr/Swg Pumping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
67	N + S	15B - Universities 115 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
68	N + S	30B - Manuf. (30 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
69	N + S	33B - Lg. Svc. (Station Power)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70	N + S	35B - Lg. Svc. (3 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72	N + S	6 - Private Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	N + S	20 - Streetlighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
74															
75	N + S	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
76															
77	Total Fuel Revenues by Month														
78	N + S	1 - Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79	N + S	2 - Small Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
80	N + S	3B - General Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81	N + S	3C - General Power Low LF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
82	N + S	4B - Large Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83	N + S	5B - Lg. Svc. (8 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
84	N + S	10 - Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
85	N + S	11B - Wtr/Swg Pumping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86	N + S	15B - Universities 115 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
87	N + S	30B - Manuf. (30 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
88	N + S	33B - Lg. Svc. (Station Power)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
89	N + S	35B - Lg. Svc. (3 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
91	N + S	6 - Private Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
92	N + S	20 - Streetlighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93															
94	N + S	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95															
96	Non-Fuel Base Revenues by Month														
97	N + S	1 - Residential	\$35,687,706	\$37,175,011	\$34,124,060	\$26,761,003	\$22,862,655	\$27,967,087	\$33,796,764	\$27,977,542	\$22,348,678	\$20,674,655	\$20,037,110	\$25,651,346	\$335,063,617
98	N + S	2 - Small Power	\$11,256,742	\$11,519,847	\$10,529,795	\$8,553,714	\$7,399,790	\$7,620,020	\$8,212,620	\$7,669,989	\$7,028,859	\$6,794,925	\$6,867,220	\$8,407,842	\$101,861,363
99	N + S	3B - General Power	\$14,033,237	\$13,904,662	\$13,192,642	\$10,582,679	\$9,488,961	\$9,130,174	\$9,259,143	\$9,151,895	\$8,901,275	\$8,811,930	\$9,067,755	\$11,074,868	\$126,599,220
100	N + S	3C - General Power Low LF	\$2,281,059	\$2,384,208	\$2,302,783	\$1,933,733	\$1,624,349	\$1,557,949	\$1,713,963	\$1,636,066	\$1,583,038	\$1,549,069	\$1,612,096	\$1,967,551	\$22,145,864
101	N + S	4B - Large Power	\$7,221,402	\$7,261,543	\$6,768,727	\$5,651,140	\$5,080,656	\$4,851,519	\$4,961,305	\$4,670,757	\$4,888,560	\$4,868,841	\$4,928,055	\$6,021,854	\$67,174,359
102	N + S	5B - Lg. Svc. (8 MW)	\$524,795	\$547,781	\$465,178	\$349,766	\$359,191	\$339,113	\$352,380	\$331,708	\$356,583	\$345,961	\$404,006	\$326,133	\$4,702,595
103	N + S	10 - Irrigation	\$251,478	\$268,764	\$218,059	\$135,392	\$43,704	\$30,140	\$14,153	\$54,787	\$124,162	\$174,777	\$202,799	\$255,493	\$1,773,710
104	N + S	11B - Wtr/Swg Pumping	\$734,389	\$994,302	\$1,035,550	\$770,803	\$749,926	\$570,956	\$576,851	\$545,494	\$537,732	\$601,982	\$693,159	\$856,653	\$8,667,799
105	N + S	15B - Universities 115 kV	\$582,578	\$457,829	\$416,057	\$428,200	\$485,838	\$200,588	\$258,322	\$286,334	\$190,910	\$265,071	\$231,859	\$429,827	\$4,233,413
106	N + S	30B - Manuf. (30 MW)	\$1,860,015	\$1,820,075	\$1,667,295	\$1,321,917	\$1,243,597	\$1,234,086	\$1,224,095	\$1,181,654	\$1,166,582	\$1,133,901	\$1,149,641	\$1,344,489	\$16,347,349
107	N + S	33B - Lg. Svc. (Station Power)	\$15,802	\$15,946	\$13,871	\$11,770	\$9,156	\$14,802	\$16,001	\$29,088	\$18,060	\$15,025	\$17,858	\$15,094	\$192,474
108	N + S	35B - Lg. Svc. (3 MW)	\$799,903	\$821,837	\$743,547	\$579,299	\$573,096	\$572,775	\$542,961	\$417,718	\$532,327	\$530,695	\$569,985	\$679,658	\$7,363,801
109	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
110	N + S	6 - Private Lighting	\$225,794	\$225,996	\$223,415	\$223,399	\$223,069	\$222,557	\$223,478	\$221,752	\$222,388	\$221,908	\$221,241	\$221,035	\$2,676,031
111	N + S	20 - Streetlighting	\$606,937	\$606,873	\$607,538	\$608,715	\$609,510	\$610,852	\$611,840	\$610,160	\$608,530	\$607,432	\$606,644	\$606,298	\$7,301,329
112															
113	N + S	Total	\$76,081,838	\$78,004,674	\$72,308,516	\$57,911,531	\$50,753,498	\$54,922,618	\$61,763,877	\$54,784,943	\$48,507,683	\$46,596,174	\$46,609,429	\$57,858,141	\$706,102,924
114															

Summary Tables**Base Period****Jul 2015 - Jun 2016**

Ln #	Juris	Tariff Class	Base Period 07/2015	Base Period 08/2015	Base Period 09/2015	Base Period 10/2015	Base Period 11/2015	Base Period 12/2015	Base Period 01/2016	Base Period 02/2016	Base Period 03/2016	Base Period 04/2016	Base Period 05/2016	Base Period 06/2016	Base Period
115	CAR Revenues by Month														
116	N + S	1 - Residential													\$0
117	N + S	2 - Small Power													\$0
118	N + S	3B - General Power													\$0
119	N + S	3C - General Power Low LF													\$0
120	N + S	4B - Large Power													\$0
121	N + S	5B - Lg. Svc. (8 MW)													\$0
122	N + S	10 - Irrigation													\$0
123	N + S	11B - Wtr/Swg Pumping													\$0
124	N + S	15B - Universities 115 kV													\$0
125	N + S	30B - Manuf. (30 MW)													\$0
126	N + S	33B - Lg. Svc. (Station Power)													\$0
127	N + S	35B - Lg. Svc. (3 MW)													\$0
128	N + S	36B - SSR - Renew. Energy Res.													\$0
129	N + S	6 - Private Lighting													\$0
130	N + S	20 - Streetlighting	(\$31,746)	(\$31,647)	(\$31,941)	(\$32,413)	(\$32,624)	(\$33,200)	(\$33,718)	(\$32,818)	(\$32,338)	(\$31,824)	(\$31,388)	(\$31,214)	(\$386,873)
131															
132	N + S	Total	(\$31,746)	(\$31,647)	(\$31,941)	(\$32,413)	(\$32,624)	(\$33,200)	(\$33,718)	(\$32,818)	(\$32,338)	(\$31,824)	(\$31,388)	(\$31,214)	(\$386,873)
133															
134	Total Revenues by Month														
135	N + S	1 - Residential	\$35,687,706	\$37,175,011	\$34,124,060	\$26,761,003	\$22,862,655	\$27,967,087	\$33,796,764	\$27,977,542	\$22,348,678	\$20,674,655	\$20,037,110	\$25,651,346	\$335,063,617
136	N + S	2 - Small Power	\$11,256,742	\$11,519,847	\$10,529,795	\$8,553,714	\$7,399,790	\$7,620,020	\$8,212,620	\$7,669,989	\$7,028,859	\$6,794,925	\$6,867,220	\$8,407,842	\$101,861,363
137	N + S	3B - General Power	\$14,033,237	\$13,904,662	\$13,192,642	\$10,582,679	\$9,488,961	\$9,130,174	\$9,259,143	\$9,151,895	\$8,901,275	\$8,811,930	\$9,067,755	\$11,074,868	\$126,599,220
138	N + S	3C - General Power Low LF	\$2,281,059	\$2,384,208	\$2,302,783	\$1,933,733	\$1,624,349	\$1,557,949	\$1,713,963	\$1,636,066	\$1,583,038	\$1,549,069	\$1,612,096	\$1,967,551	\$22,145,864
139	N + S	4B - Large Power	\$7,221,402	\$7,261,543	\$6,768,727	\$5,651,140	\$5,080,656	\$4,851,519	\$4,961,305	\$4,670,757	\$4,888,560	\$4,868,841	\$4,928,055	\$6,021,854	\$67,174,359
140	N + S	5B - Lg. Svc. (8 MW)	\$524,795	\$547,781	\$465,178	\$349,766	\$359,191	\$339,113	\$352,380	\$331,708	\$356,583	\$345,961	\$404,006	\$326,133	\$4,702,595
141	N + S	10 - Irrigation	\$251,478	\$268,764	\$218,059	\$135,392	\$43,704	\$30,140	\$14,153	\$54,787	\$124,162	\$174,777	\$202,799	\$255,493	\$1,773,710
142	N + S	11B - Wtr/Swg Pumping	\$734,389	\$994,302	\$1,035,550	\$770,803	\$749,926	\$570,956	\$576,851	\$545,494	\$537,732	\$601,982	\$693,159	\$856,653	\$8,667,799
143	N + S	15B - Universities 115 kV	\$582,578	\$457,829	\$416,057	\$428,200	\$485,838	\$200,588	\$258,322	\$286,334	\$190,910	\$265,071	\$231,859	\$429,827	\$4,233,413
144	N + S	30B - Manuf. (30 MW)	\$1,860,015	\$1,820,075	\$1,667,295	\$1,321,917	\$1,243,597	\$1,234,086	\$1,224,095	\$1,181,654	\$1,166,582	\$1,133,901	\$1,149,641	\$1,344,489	\$16,347,349
145	N + S	33B - Lg. Svc. (Station Power)	\$15,802	\$15,946	\$13,871	\$11,770	\$9,156	\$14,802	\$16,001	\$29,088	\$18,060	\$15,025	\$17,858	\$15,094	\$192,474
146	N + S	35B - Lg. Svc. (3 MW)	\$799,903	\$821,837	\$743,547	\$579,299	\$573,096	\$572,775	\$542,961	\$417,718	\$532,327	\$530,695	\$569,985	\$679,658	\$7,363,801
147	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
148	N + S	6 - Private Lighting	\$225,794	\$225,996	\$223,415	\$223,399	\$223,069	\$222,557	\$223,478	\$221,752	\$222,388	\$221,908	\$221,241	\$221,035	\$2,676,031
149	N + S	20 - Streetlighting	\$575,190	\$575,226	\$575,597	\$576,302	\$576,886	\$577,651	\$578,122	\$577,342	\$576,193	\$575,608	\$575,256	\$575,084	\$6,914,456
150															
151	N + S	Total	\$76,050,092	\$77,973,027	\$72,276,575	\$57,879,118	\$50,720,874	\$54,889,418	\$61,730,159	\$54,752,124	\$48,475,346	\$46,564,350	\$46,578,041	\$57,826,927	\$705,716,051
152															
153	Coincident Peak Demands (At Generation) by Month														
154	N + S	1 - Residential	863,857	877,031	681,006	628,185	594,583	646,066	630,357	627,241	509,438	407,368	409,562	886,390	7,761,085
155	N + S	2 - Small Power	238,085	216,954	230,818	216,654	118,988	130,368	123,285	129,494	96,035	96,834	192,177	259,415	2,049,107
156	N + S	3B - General Power	271,910	280,559	306,484	280,187	237,739	252,807	231,727	228,581	193,047	211,494	254,583	290,311	3,039,431
157	N + S	3C - General Power Low LF	31,778	33,709	34,860	30,172	19,992	21,810	25,083	24,653	21,810	38,912	41,366	46,011	370,156
158	N + S	4B - Large Power	188,313	178,484	192,486	180,422	140,544	143,703	144,815	146,096	141,565	140,924	170,358	190,987	1,958,697
159	N + S	5B - Lg. Svc. (8 MW)	7,789	11,699	10,631	16,612	13,929	12,098	11,872	10,025	11,872	11,590	3,595	7,532	129,460
160	N + S	10 - Irrigation	3,398	4,409	6,216	3,042	75	393	106	88	2,534	4,135	4,629	6,361	35,385
161	N + S	11B - Wtr/Swg Pumping	21,378	16,132	20,375	18,988	13,558	11,961	16,942	11,774	14,110	33,904	16,374	19,867	215,364
162	N + S	15B - Universities 115 kV	12,252	10,971	25,488	11,652	4,132	1,847	1,675	3,321	5,170	6,754	16,074	13,555	112,691
163	N + S	30B - Manuf. (30 MW)	54,792	54,350	54,459	51,850	48,657	48,781	48,849	47,332	44,671	44,644	46,770	48,405	593,200
164	N + S	33B - Lg. Svc. (Station Power)	456	524	440	0	0	468	478	523	439	393	450	0	4,170
165	N + S	35B - Lg. Svc. (3 MW)	25,790	26,937	25,560	23,770	25,360	23,399	17,197	22,421	16,852	23,825	24,664	26,016	281,790
166	N + S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
167	N + S	6 - Private Lighting	0	0	0	0	3,847	3,767	3,647	3,555	3,381	3,754	0	0	21,952
168	N + S	20 - Streetlighting	0	0	0	0	12,531	12,375	11,898	11,587	11,065	12,315	0	0	71,771
169															
170	N + S	Total	1,719,797	1,711,759	1,588,821	1,461,534	1,233,936	1,309,843	1,268,148	1,266,691	1,071,991	1,036,847	1,180,602	1,794,290	16,644,259
171															

Summary Tables

Base Period

Jul 2015 - Jun 2016

Ln #	Juris	Tariff Class	Base Period 07/2015	Base Period 08/2015	Base Period 09/2015	Base Period 10/2015	Base Period 11/2015	Base Period 12/2015	Base Period 01/2016	Base Period 02/2016	Base Period 03/2016	Base Period 04/2016	Base Period 05/2016	Base Period 06/2016	Base Period
172	Coincident Peak Demands (At Transmission) by Month														
173	N+S	1 - Residential	818,294	832,603	646,367	604,558	576,601	627,109	596,033	604,328	491,292	396,906	390,939	853,002	7,438,033
174	N+S	2 - Small Power	225,528	205,963	219,078	208,506	115,390	126,543	116,572	124,764	92,614	94,347	183,440	249,643	1,962,388
175	N+S	3B - General Power	257,568	266,346	290,896	269,649	230,550	245,389	219,109	220,232	186,171	206,062	243,008	279,375	2,914,357
176	N+S	3C - General Power Low LF	30,102	32,001	33,087	29,037	19,387	21,170	23,717	23,753	21,033	37,913	39,485	44,278	354,963
177	N+S	4B - Large Power	178,381	169,442	182,696	173,636	136,294	139,486	136,930	140,760	136,522	137,305	162,613	183,793	1,877,858
178	N+S	5B - Lg. Svc. (8 MW)	7,378	11,106	10,090	15,987	13,508	11,743	11,431	9,659	11,449	11,292	3,432	7,248	124,322
179	N+S	10 - Irrigation	3,219	4,186	5,900	2,928	73	381	100	85	2,444	4,029	4,419	6,121	33,884
180	N+S	11B - Wtr/Swg Pumping	20,250	15,315	19,339	18,274	13,148	11,610	16,019	11,344	13,607	33,033	15,630	19,119	206,689
181	N+S	15B - Universities 115 kV	11,606	10,415	24,192	11,214	4,007	1,793	1,584	3,200	4,986	6,581	15,343	12,852	107,773
182	N+S	30B - Manuf. (30 MW)	51,902	51,597	51,689	49,900	47,186	47,350	46,189	45,603	43,080	43,497	44,644	46,235	568,872
183	N+S	33B - Lg. Svc. (Station Power)	432	497	418	0	0	454	452	504	423	383	430	0	3,992
184	N+S	35B - Lg. Svc. (3 MW)	24,430	25,572	24,260	22,876	24,593	22,712	16,261	21,602	16,252	23,213	23,543	25,036	270,349
185	N+S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
186	N+S	6 - Private Lighting	0	0	0	0	3,731	3,656	3,448	3,425	3,261	3,658	0	0	21,180
187	N+S	20 - Streetlighting	0	0	0	0	12,152	12,012	11,250	11,164	10,671	11,999	0	0	69,248
188															
189	N+S	Total	1,629,089	1,625,044	1,508,010	1,406,565	1,196,621	1,271,408	1,199,095	1,220,423	1,033,807	1,010,219	1,126,926	1,726,702	15,953,909
190															
191	Coincident Peak Demands (At Meter) by Month														
192	N+S	1 - Residential	760,635	772,560	600,174	560,750	534,089	580,991	551,838	560,030	455,600	367,068	362,094	792,906	6,898,735
193	N+S	2 - Small Power	210,189	191,665	204,051	194,023	107,347	117,751	108,396	116,120	86,242	87,667	170,709	232,808	1,826,968
194	N+S	3B - General Power	240,051	247,857	270,943	250,921	214,478	228,338	203,742	204,975	173,363	191,471	226,142	260,534	2,712,817
195	N+S	3C - General Power Low LF	28,055	29,780	30,818	27,021	18,036	19,699	22,054	22,107	19,586	35,229	36,744	41,292	330,421
196	N+S	4B - Large Power	170,738	162,006	174,858	166,107	130,320	133,369	130,887	134,636	130,680	131,331	155,639	175,967	1,796,538
197	N+S	5B - Lg. Svc. (8 MW)	7,361	11,080	10,066	15,951	13,473	11,713	11,401	9,637	11,422	11,263	3,424	7,232	124,022
198	N+S	10 - Irrigation	3,000	3,895	5,496	2,724	68	355	93	79	2,276	3,744	4,112	5,708	31,549
199	N+S	11B - Wtr/Swg Pumping	19,382	14,643	18,509	17,482	12,571	11,101	15,312	10,850	13,025	31,596	14,959	18,305	197,736
200	N+S	15B - Universities 115 kV	11,606	10,415	24,192	11,214	4,007	1,793	1,584	3,200	4,986	6,581	15,343	12,852	107,773
201	N+S	30B - Manuf. (30 MW)	51,363	51,052	51,155	49,384	46,684	46,846	45,690	45,129	42,636	43,040	44,183	45,760	562,922
202	N+S	33B - Lg. Svc. (Station Power)	432	497	418	0	0	454	452	504	423	383	430	0	3,992
203	N+S	35B - Lg. Svc. (3 MW)	24,176	25,302	24,009	22,640	24,331	22,470	16,085	21,377	16,084	22,969	23,300	24,778	267,520
204	N+S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
205	N+S	6 - Private Lighting	0	0	0	0	3,471	3,402	3,205	3,188	3,037	3,400	0	0	19,704
206	N+S	20 - Streetlighting	0	0	0	0	11,305	11,177	10,460	10,390	9,937	11,149	0	0	64,418
207															
208	N+S	Total	1,526,987	1,520,753	1,414,687	1,318,217	1,120,181	1,189,458	1,121,199	1,142,223	969,299	946,891	1,057,079	1,618,142	14,945,116
209															
210	Non-Coincident Class Peak Demands (At Meter) by Month														
211	N+S	1 - Residential	796,142	823,353	690,371	615,213	562,182	709,734	639,018	666,059	536,935	447,678	501,473	869,184	7,857,341
212	N+S	2 - Small Power	229,187	235,070	222,796	212,722	146,407	156,081	157,713	168,979	142,467	147,532	170,709	241,796	2,231,460
213	N+S	3B - General Power	251,105	303,185	286,110	261,782	238,882	253,847	265,737	257,607	226,226	232,186	227,998	260,534	3,065,201
214	N+S	3C - General Power Low LF	42,589	46,841	44,085	39,637	36,280	37,285	41,080	37,604	37,943	40,967	43,151	50,937	498,398
215	N+S	4B - Large Power	197,280	199,877	198,787	182,354	163,252	164,690	156,684	164,571	165,926	174,830	178,848	201,808	2,148,905
216	N+S	5B - Lg. Svc. (8 MW)	17,722	16,602	16,772	16,432	16,691	16,673	16,832	17,046	16,240	14,475	12,586	9,292	187,363
217	N+S	10 - Irrigation	6,205	7,232	5,917	4,312	923	922	1,022	3,726	5,237	6,415	7,805	7,451	57,167
218	N+S	11B - Wtr/Swg Pumping	45,610	44,915	43,553	36,782	33,077	29,910	27,144	29,147	32,103	35,203	38,441	43,190	439,075
219	N+S	15B - Universities 115 kV	17,366	18,958	25,020	17,539	16,200	13,154	16,931	11,239	15,516	11,941	19,634	19,134	202,633
220	N+S	30B - Manuf. (30 MW)	53,104	52,181	52,326	49,723	47,572	47,371	46,397	46,138	44,716	44,241	44,690	46,138	574,597
221	N+S	33B - Lg. Svc. (Station Power)	796	805	756	747	742	758	776	893	715	727	475	823	9,011
222	N+S	35B - Lg. Svc. (3 MW)	27,025	26,995	27,182	26,973	27,362	26,809	24,541	23,987	26,426	25,595	25,439	26,718	315,053
223	N+S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
224	N+S	6 - Private Lighting	3,632	3,606	3,609	3,601	3,596	3,581	3,608	3,588	3,579	3,567	3,569	3,567	43,103
225	N+S	20 - Streetlighting	11,682	11,682	11,699	11,720	11,711	11,764	11,773	11,694	11,711	11,694	11,677	11,680	140,487
226															
227	N+S	Total	1,699,445	1,791,300	1,628,983	1,479,538	1,304,875	1,472,580	1,409,254	1,442,278	1,265,741	1,197,051	1,286,496	1,792,254	17,769,795

Summary Tables

Base Period

Jul 2015 - Jun 2016

Ln #	Juris	Tariff Class	Base Period 07/2015	Base Period 08/2015	Base Period 09/2015	Base Period 10/2015	Base Period 11/2015	Base Period 12/2015	Base Period 01/2016	Base Period 02/2016	Base Period 03/2016	Base Period 04/2016	Base Period 05/2016	Base Period 06/2016	Base Period
246		kWh (at Generation) by Month													
247															
248	N + S	1 - Residential	349,940,876	362,472,116	344,832,890	289,895,120	249,566,638	302,587,899	361,020,326	302,213,454	243,469,154	225,586,808	218,523,517	271,354,443	3,521,463,243
249	N + S	2 - Small Power	102,486,940	104,767,926	102,082,574	94,474,757	80,790,124	83,502,309	90,766,330	84,121,464	76,251,383	73,393,255	74,270,901	85,014,027	1,051,921,991
250	N + S	3B - General Power	176,437,990	180,587,537	180,609,393	170,738,538	147,793,195	147,013,364	153,914,033	144,186,543	136,204,680	133,446,120	136,690,885	154,071,365	1,861,693,644
251	N + S	3C - General Power Low LF	20,767,173	21,650,972	22,170,829	21,153,951	17,187,134	16,592,986	18,563,888	17,541,901	16,567,274	16,053,365	16,817,769	19,657,613	224,724,854
252	N + S	4B - Large Power	110,475,931	112,683,701	114,616,004	113,168,995	101,115,907	96,354,851	99,333,175	91,952,050	92,631,925	92,289,177	92,524,012	104,690,086	1,221,835,814
253	N + S	5B - Lg. Svc. (8 MW)	7,758,474	8,687,182	7,452,340	7,088,485	7,847,118	7,190,529	7,919,271	6,459,726	7,919,271	7,445,125	6,883,365	5,123,870	87,774,756
254	N + S	10 - Irrigation	3,494,718	3,750,703	3,101,756	1,997,190	602,349	397,965	169,476	780,967	1,837,832	2,580,555	2,995,829	3,681,888	25,391,227
255	N + S	11B - Wtr/Swg Pumping	13,488,085	18,352,645	21,003,926	18,067,265	17,592,797	12,623,572	13,094,132	11,703,588	11,977,672	13,783,531	16,126,851	18,001,350	185,815,414
256	N + S	15B - Universities 115 kV	7,624,519	7,024,197	7,829,340	9,422,765	6,172,010	4,276,550	3,580,741	4,398,558	4,041,186	5,834,687	5,280,428	8,491,380	73,976,360
257	N + S	30B - Manuf. (30 MW)	41,495,326	38,459,856	40,482,441	36,456,365	35,380,791	37,544,898	39,367,855	32,940,435	31,654,623	31,373,760	32,550,348	34,219,392	431,926,089
258	N + S	33B - Lg. Svc. (Station Power)	278,831	302,785	287,513	305,509	163,854	310,330	322,815	584,734	307,468	321,104	234,654	542,103	3,961,700
259	N + S	35B - Lg. Svc. (3 MW)	17,934,496	18,657,049	19,663,207	18,745,686	19,187,774	19,048,367	16,990,349	13,358,929	15,229,168	17,180,415	17,354,565	18,657,630	212,007,635
260	N + S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
261	N + S	6 - Private Lighting	1,432,587	1,433,971	1,416,891	1,416,107	1,414,097	1,408,588	1,415,764	1,405,791	1,409,085	1,406,570	1,401,854	1,400,750	16,962,057
262	N + S	20 - Streetlighting	4,562,336	4,562,428	4,569,009	4,577,363	4,584,266	4,594,571	4,598,119	4,590,186	4,573,863	4,566,429	4,560,562	4,560,086	54,899,217
263															
264	N + S	Total	858,178,282	883,393,068	870,118,111	787,508,095	689,398,055	733,446,779	811,056,274	716,238,325	644,074,585	625,260,902	626,215,540	729,465,984	8,974,354,000

Allocators:

267			kWh at Meter	kWh at Meter Allocator	kWh at Generator	kWh at Generator Allocator	12 CP at Generator	12 CP at Generator Allocator	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Generator	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Generator Allocator	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Generator	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Generator Allocator	1 CP (June) at Generator	1 CP (June) at Generator Allocator
268			Jul 2015 - Jun 2016		Jul 2015 - Jun 2016		Jul 2015 - Jun 2016							
269														
270	N + S	1 - Residential	3,205,430,362	0.389494	3,521,463,243	0.392392	646,757	0.466292	818,336	0.500842	827,071	0.485465	886,390	0.494006
271	N + S	2 - Small Power	957,517,502	0.116349	1,051,921,991	0.117214	170,759	0.123112	211,206	0.129263	236,318	0.138711	259,415	0.144578
272	N + S	3B - General Power	1,694,616,391	0.205914	1,861,693,644	0.207446	253,286	0.182611	273,897	0.167632	287,316	0.168646	290,311	0.161797
273	N + S	3C - General Power Low LF	204,556,976	0.024856	224,724,854	0.025041	30,846	0.022239	33,327	0.020397	36,589	0.021477	46,011	0.025643
274	N + S	4B - Large Power	1,139,164,989	0.138421	1,221,835,814	0.136147	163,225	0.117680	175,372	0.107332	187,568	0.110096	190,987	0.106442
275	N + S	5B - Lg. Svc. (8 MW)	83,452,880	0.010140	87,774,756	0.009781	10,788	0.007778	9,779	0.005985	9,412	0.005525	7,532	0.004197
276	N + S	10 - Irrigation	23,112,497	0.002808	25,391,227	0.002829	2,949	0.002126	3,640	0.002228	5,096	0.002991	6,361	0.003545
277	N + S	11B - Wtr/Swg Pumping	173,242,928	0.021051	185,815,414	0.020705	17,947	0.012939	17,335	0.010609	19,438	0.011409	19,867	0.011072
278	N + S	15B - Universities 115 kV	70,433,581	0.008558	73,976,360	0.008243	9,391	0.006771	9,606	0.005879	15,517	0.009108	13,355	0.007443
279	N + S	30B - Manuf. (30 MW)	408,507,087	0.049638	431,926,089	0.048129	49,433	0.035640	51,492	0.031514	52,911	0.031057	48,045	0.026776
280	N + S	33B - Lg. Svc. (Station Power)	3,771,971	0.000458	3,961,700	0.000441	348	0.000251	362	0.000221	355	0.000208	0	0.000000
281	N + S	35B - Lg. Svc. (3 MW)	200,512,596	0.024364	212,007,635	0.023624	23,482	0.016930	25,535	0.015628	26,076	0.015306	26,016	0.014500
282	N + S	36B - SSR - Renew. Energy Res.	0	0.000000	0	0.000000	0	0.000000	0	0.000000	0	0.000000	0	0.000000
283	N + S	6 - Private Lighting	15,439,801	0.001876	16,962,057	0.001890	1,829	0.001319	942	0.000576	0	0.000000	0	0.000000
284	N + S	20 - Streetlighting	49,972,300	0.006072	54,899,217	0.006117	5,981	0.004312	3,094	0.001893	0	0.000000	0	0.000000
285														
286	N + S	Total	8,229,731,860	1.000000	8,974,354,000	1.000000	1,387,022	1.000000	1,633,922	1.000000	1,703,667	1.000000	1,794,290	1.000000
287														

Summary Tables

Base Period

Jul 2015 - Jun 2016

Ln #	Juris	Tariff Class	Base Period 07/2015	Base Period 08/2015	Base Period 09/2015	Base Period 10/2015	Base Period 11/2015	Base Period 12/2015	Base Period 01/2016	Base Period 02/2016	Base Period 03/2016	Base Period 04/2016	Base Period 05/2016	Base Period 06/2016	Base Period
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288

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		Max NCP	Max NCP Allocator		12 CP at Transmission	12 CP at Transmission Allocator	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Transmission	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Transmission Allocator	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Transmission	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Transmission Allocator	1 CP (June) at Transmission	1 CP (June) at Transmission Allocator
		Jul 2015 - Jun 2016										
291	N + S 1 - Residential	869,184	0.467345		619,836	0.466220	782,752	0.500782	787,567	0.485490	853,002	0.494007
292	N + S 2 - Small Power	241,796	0.130010		163,532	0.123004	201,919	0.129182	225,053	0.138732	249,643	0.144578
293	N + S 3B - General Power	303,185	0.163017		242,863	0.182674	262,170	0.167729	273,546	0.168626	279,375	0.161797
294	N + S 3C - General Power Low LF	50,937	0.027388		29,580	0.022249	31,888	0.020401	34,867	0.021493	44,278	0.025643
295	N + S 4B - Large Power	201,808	0.108509		156,488	0.117705	167,776	0.107338	178,578	0.110083	183,793	0.106442
296	N + S 5B - Lg. Svc. (8 MW)	17,722	0.009529		10,360	0.007793	9,368	0.005994	8,955	0.005520	7,248	0.004197
297	N + S 10 - Irrigation	7,805	0.004197		2,824	0.002124	3,477	0.002224	4,856	0.002994	6,121	0.003545
298	N + S 11B - Wtr/Swg Pumping	45,610	0.024524		17,224	0.012955	16,574	0.010603	18,506	0.011408	19,119	0.011073
299	N + S 15B - Universities 115 kV	25,020	0.013453		8,981	0.006755	9,167	0.005864	14,766	0.009103	12,852	0.007443
300	N + S 30B - Manuf. (30 MW)	53,104	0.028553		47,406	0.035657	49,271	0.031522	50,356	0.031041	46,235	0.026776
301	N + S 33B - Lg. Svc. (Station Power)	893	0.000480		333	0.000250	346	0.000221	337	0.000207	0	0.000000
302	N + S 35B - Lg. Svc. (3 MW)	27,362	0.014712		22,529	0.016946	24,437	0.015634	24,824	0.015303	25,036	0.014500
303	N + S 36B - SSR - Renew. Energy Res.	0	0.000000		0	0.000000	0	0.000000	0	0.000000	0	0.000000
304	N + S 6 - Private Lighting	3,632	0.001953		1,765	0.001328	914	0.000585	0	0.000000	0	0.000000
305	N + S 20 - Streetlighting	11,773	0.006330		5,771	0.004341	3,003	0.001921	0	0.000000	0	0.000000
306												
307	N + S Total	1,859,832	1.000000		1,329,492	1.000000	1,563,061	1.000000	1,622,211	1.000000	1,726,702	1.000000

308

309

AED Win Class Allocators										Cumulative Energy Loss Factor	Voltage Class Adjustment Factors
	Total kWh at Generation	Max by Class of NCP	Average Demand	Excess Demand	System Load Factor	Average Demand Allocator	Excess Demand Allocator		AED Class Allocators		
310											
311											
312	N + S 1 - Residential	3,521,463,243	971,661	401,994	569,668	0.2240	0.2339		0.457910	1.098593	1.00744026
313	N + S 2 - Small Power	1,051,921,991	269,430	120,082	149,348	0.0669	0.0613		0.128238	1.098593	1.00744026
314	N + S 3B - General Power	1,861,693,644	343,187	212,522	130,665	0.1184	0.0536		0.172086	1.098593	1.00744026
315	N + S 3C - General Power Low LF	224,724,854	56,758	25,654	31,104	0.0143	0.0128		0.027067	1.098593	1.00744026
316	N + S 4B - Large Power	1,221,835,814	220,206	139,479	80,727	0.0777	0.0331		0.110877	1.072571	0.98357778
317	N + S 5B - Lg. Svc. (8 MW)	87,774,756	18,753	10,020	8,733	0.0056	0.0036		0.009169	1.051788	0.96451901
318	N + S 10 - Irrigation	25,391,227	8,787	2,899	5,888	0.0016	0.0024		0.004033	1.098593	1.00744026
319	N + S 11B - Wtr/Swg Pumping	185,815,414	50,307	21,212	29,095	0.0118	0.0119		0.023767	1.072571	0.98357778
320	N + S 15B - Universities 115 kV	73,976,360	26,360	8,445	17,916	0.0047	0.0074		0.012061	1.050300	0.96315388
321	N + S 30B - Manuf. (30 MW)	431,926,089	56,649	49,307	7,342	0.0275	0.0030		0.030494	1.057328	0.96959938
322	N + S 33B - Lg. Svc. (Station Power)	3,961,700	927	452	474	0.0003	0.0002		0.000447	1.050300	0.96315388
323	N + S 35B - Lg. Svc. (3 MW)	212,007,635	28,938	24,202	4,737	0.0135	0.0019		0.015433	1.057328	0.96959938
324	N + S 36B - SSR - Renew. Energy Res.	0	0	0	0	0.0000	0.0000		0.000000	1.050300	0.96315388
325	N + S 6 - Private Lighting	16,962,057	4,125	1,936	2,189	0.0011	0.0009		0.001978	1.098593	1.00744026
326	N + S 20 - Streetlighting	54,899,217	13,448	6,267	7,181	0.0035	0.0029		0.006441	1.098593	1.00744026
327											
328	N + S Total	8,974,354,000	2,069,537	1,024,470	1,045,067	57.10%	0.5710	0.4290	1.000000	1.090480	1.00000000

Summary Tables**Base Period****Jul 2015 - Jun 2016**

Ln #	Juris	Tariff Class	Base Period 07/2015	Base Period 08/2015	Base Period 09/2015	Base Period 10/2015	Base Period 11/2015	Base Period 12/2015	Base Period 01/2016	Base Period 02/2016	Base Period 03/2016	Base Period 04/2016	Base Period 05/2016	Base Period 06/2016	Base Period
Rider 8 Adjustments															
308	IID														
309	N + S	35B - Lg. Svc. (3 MW)	12,120	12,260	12,180	12,316	12,196	12,936	12,656	7,956	12,296	12,856	13,796	12,956	146,524
310	N + S	4B - Large Power	1,320	1,272	1,248	1,485	1,245	1,389	1,485	1,485	1,533	1,485	1,413	1,407	16,767
311	N + S	3C - General Power Low LF	2,984	3,055	2,843	3,055	2,914	3,266	3,407	3,549	3,337	3,407	3,266	3,266	38,349
312	N + S	3C - General Power Low LF	1,187	1,321	1,157	1,252	1,232	1,264	1,323	1,300	1,201	1,255	1,276	1,213	14,981
313	Total IID		17,611	17,908	17,428	18,108	17,587	18,855	18,871	14,290	18,367	19,003	19,751	18,842	216,621
314															
315	Discount														
316	N + S	35B - Lg. Svc. (3 MW)	(\$191,860)	(\$194,076)	(\$189,546)	(\$90,892)	(\$90,006)	(\$95,468)	(\$93,401)	(\$58,715)	(\$90,744)	(\$94,877)	(\$101,814)	(\$101,065)	(\$1,392,465)
317	N + S	4B - Large Power	(\$20,896)	(\$20,136)	(\$19,756)	(\$6,059)	(\$5,080)	(\$5,667)	(\$6,059)	(\$6,059)	(\$6,255)	(\$6,059)	(\$5,765)	(\$6,292)	(\$114,080)
318	N + S	3C - General Power Low LF	(\$20,440)	(\$20,927)	(\$9,664)	(\$1,161)	(\$1,107)	(\$1,241)	(\$1,295)	(\$1,349)	(\$1,268)	(\$1,295)	(\$1,241)	(\$12,511)	(\$73,499)
319	N + S	3C - General Power Low LF	(\$8,131)	(\$9,049)	(\$7,431)	(\$476)	(\$468)	(\$480)	(\$503)	(\$494)	(\$456)	(\$477)	(\$485)	(\$1,239)	(\$29,689)
320	Total Discount		(\$241,327)	(\$244,187)	(\$226,397)	(\$98,588)	(\$96,662)	(\$102,856)	(\$101,257)	(\$66,617)	(\$98,724)	(\$102,708)	(\$109,305)	(\$121,107)	(\$1,609,733)
321															
322	N + S	Rate 36B Contrib. to Prod.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Summary Tables

Test Period

Jan 2018 - Dec 2018

Ln #	Juris	Tariff Class	Test Period 01/2018	Test Period 02/2018	Test Period 03/2018	Test Period 04/2018	Test Period 05/2018	Test Period 06/2018	Test Period 07/2018	Test Period 08/2018	Test Period 09/2018	Test Period 10/2018	Test Period 11/2018	Test Period 12/2018	Test Period
Customers by Month															
1	N + S	1 - Residential	466,351	466,643	466,936	467,229	467,523	467,816	468,110	468,404	468,698	468,992	469,286	469,581	5,615,569
2	N + S	2 - Small Power	52,700	52,706	52,706	52,734	52,773	52,790	52,850	52,869	52,891	52,951	52,966	52,959	633,896
3	N + S	3B - General Power	3,371	3,363	3,360	3,357	3,360	3,361	3,415	3,409	3,404	3,401	3,402	3,398	40,601
4	N + S	3C - General Power Low LF	931	939	945	948	948	947	896	902	910	913	915	919	11,113
5	N + S	4B - Large Power	227	227	227	227	227	227	227	227	227	227	227	227	2,724
6	N + S	5B - Lg. Svc. (8 MW)	2	2	2	2	2	2	2	2	2	2	2	2	24
7	N + S	10 - Irrigation	332	333	333	333	334	334	334	335	335	335	336	336	4,010
8	N + S	11B - Wtr/Swg Pumping	164	164	164	164	164	164	164	164	164	164	164	164	1,968
9	N + S	15B - Universities 115 kV	1	1	1	1	1	1	1	1	1	1	1	1	12
10	N + S	30B - Manuf. (30 MW)	1	1	1	1	1	1	1	1	1	1	1	1	12
11	N + S	33B - Lg. Svc. (Station Power)	1	1	1	1	1	1	1	1	1	1	1	1	12
12	N + S	35B - Lg. Svc. (3 MW)	4	4	4	4	4	4	4	4	4	4	4	4	48
13	N + S	36B - SSR - Renew. Energy Res.	1	1	1	1	1	1	1	1	1	1	1	1	12
14	N + S	6 - Private Lighting	0	0	0	0	0	0	0	0	0	0	0	0	0
15	N + S	20 - Streetlighting	0	0	0	0	0	0	0	0	0	0	0	0	0
16	N + S	Total	524,086	524,385	524,681	525,003	525,338	525,649	526,006	526,320	526,639	526,993	527,306	527,594	6,310,001
kWh at Meter by Month															
17	N + S	1 - Residential	331,768,629	281,634,584	233,467,245	203,184,671	198,638,421	228,835,783	326,700,995	331,774,443	291,605,778	246,887,708	217,850,252	272,513,595	3,164,862,106
18	N + S	2 - Small Power	77,946,977	74,074,960	70,677,197	65,197,479	68,662,003	77,848,472	89,452,835	92,337,785	85,075,858	74,444,728	67,178,356	72,500,146	915,396,797
19	N + S	3B - General Power	134,136,603	131,155,656	124,483,899	120,531,542	124,360,085	131,142,124	157,617,153	161,426,660	154,841,760	144,974,050	127,889,676	129,366,577	1,641,925,784
20	N + S	3C - General Power Low LF	17,179,328	17,005,973	16,181,800	15,515,282	16,309,231	17,801,743	19,467,482	20,332,449	19,978,667	18,933,518	15,835,325	15,584,362	210,125,160
21	N + S	4B - Large Power	93,429,247	88,917,240	88,300,453	87,380,947	85,355,682	93,112,646	99,453,147	103,542,208	99,880,311	94,913,544	86,446,862	85,972,614	1,106,704,902
22	N + S	5B - Lg. Svc. (8 MW)	5,388,218	4,993,455	6,074,111	6,289,424	6,152,603	5,403,327	6,193,570	6,479,745	5,979,729	5,614,406	6,398,790	5,629,187	70,596,567
23	N + S	10 - Irrigation	255,173	635,539	1,469,162	2,508,970	3,132,844	3,703,179	3,604,953	2,960,425	2,685,177	1,693,419	564,124	214,811	23,427,777
24	N + S	11B - Wtr/Swg Pumping	10,938,016	10,331,441	10,937,652	11,987,589	13,179,184	15,299,219	18,104,508	16,931,248	18,203,326	16,053,988	14,965,406	11,576,881	168,508,457
25	N + S	15B - Universities 115 kV	3,633,934	3,441,082	3,960,062	4,367,643	4,109,458	7,924,810	7,443,254	6,064,563	6,348,762	7,601,289	4,965,063	3,823,962	63,683,882
26	N + S	30B - Manuf. (30 MW)	31,233,333	29,938,312	29,672,680	29,672,680	30,785,470	32,364,019	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	363,666,494
27	N + S	33B - Lg. Svc. (Station Power)	307,355	340,875	292,743	305,726	223,416	314,420	265,478	288,284	273,744	290,878	156,007	295,468	3,354,394
28	N + S	35B - Lg. Svc. (3 MW)	15,510,985	14,329,875	14,398,737	15,868,295	15,195,569	18,526,166	18,152,816	17,594,789	18,934,444	18,918,975	19,292,862	19,132,191	205,855,705
29	N + S	36B - SSR - Renew. Energy Res.	222,615	634,956	839,771	939,839	1,272,907	1,638,151	2,960,012	3,800,175	5,151,346	7,115,971	6,737,744	6,652,770	37,966,258
30	N + S	6 - Private Lighting	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	1,282,375	15,388,500
31	N + S	20 - Streetlighting	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	4,154,245	49,850,940
32	N + S	Total	727,387,032	662,870,570	606,192,133	569,186,707	572,813,493	639,350,680	784,852,825	798,969,394	744,395,523	672,879,095	603,717,086	658,699,183	8,041,313,722
Base Fuel Revenues by Month															
33	N + S	1 - Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	N + S	2 - Small Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	N + S	3B - General Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	N + S	3C - General Power Low LF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	N + S	4B - Large Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	N + S	5B - Lg. Svc. (8 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	N + S	10 - Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	N + S	11B - Wtr/Swg Pumping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41	N + S	15B - Universities 115 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	N + S	30B - Manuf. (30 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	N + S	33B - Lg. Svc. (Station Power)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44	N + S	35B - Lg. Svc. (3 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
46	N + S	6 - Private Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
47	N + S	20 - Streetlighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48	N + S	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Summary Tables**Test Period****Jan 2018 - Dec 2018**

Ln #	Juris	Tariff Class	Test Period 01/2018	Test Period 02/2018	Test Period 03/2018	Test Period 04/2018	Test Period 05/2018	Test Period 06/2018	Test Period 07/2018	Test Period 08/2018	Test Period 09/2018	Test Period 10/2018	Test Period 11/2018	Test Period 12/2018	Test Period
58	Variable Fuel Revenues by Month														
59	N + S	1 - Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60	N + S	2 - Small Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61	N + S	3B - General Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62	N + S	3C - General Power Low LF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63	N + S	4B - Large Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64	N + S	5B - Lg. Svc. (8 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65	N + S	10 - Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
66	N + S	11B - Wtr/Swg Pumping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
67	N + S	15B - Universities 115 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
68	N + S	30B - Manuf. (30 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
69	N + S	33B - Lg. Svc. (Station Power)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70	N + S	35B - Lg. Svc. (3 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72	N + S	6 - Private Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	N + S	20 - Streetlighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
74															
75	N + S	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
76															
77	Total Fuel Revenues by Month														
78	N + S	1 - Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79	N + S	2 - Small Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
80	N + S	3B - General Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81	N + S	3C - General Power Low LF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
82	N + S	4B - Large Power	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83	N + S	5B - Lg. Svc. (8 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
84	N + S	10 - Irrigation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
85	N + S	11B - Wtr/Swg Pumping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86	N + S	15B - Universities 115 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
87	N + S	30B - Manuf. (30 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
88	N + S	33B - Lg. Svc. (Station Power)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
89	N + S	35B - Lg. Svc. (3 MW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90	N + S	36B - SSR - Renew. Energy Res.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
91	N + S	6 - Private Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
92	N + S	20 - Streetlighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93															
94	N + S	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95															
96	Non-Fuel Base Revenues by Month														
97	N + S	1 - Residential	\$34,135,174	\$28,613,223	\$23,416,771	\$20,537,247	\$20,061,597	\$24,050,017	\$36,616,645	\$37,436,958	\$32,048,323	\$25,323,647	\$22,127,844	\$27,776,388	\$332,143,835
98	N + S	2 - Small Power	\$7,795,120	\$7,448,341	\$7,144,450	\$6,654,222	\$6,965,075	\$8,458,193	\$10,852,736	\$11,190,837	\$9,749,817	\$7,524,712	\$6,835,873	\$7,311,648	\$97,931,024
99	N + S	3B - General Power	\$9,674,158	\$9,522,568	\$8,932,665	\$8,378,271	\$8,375,866	\$9,886,980	\$13,487,490	\$14,360,563	\$12,473,643	\$9,693,754	\$8,943,404	\$9,266,508	\$122,995,870
100	N + S	3C - General Power Low LF	\$1,802,058	\$1,783,927	\$1,650,938	\$1,540,873	\$1,618,754	\$1,915,090	\$2,382,124	\$2,575,134	\$2,391,895	\$1,950,540	\$1,634,203	\$1,626,568	\$22,872,104
101	N + S	4B - Large Power	\$5,489,775	\$4,994,086	\$5,001,881	\$4,797,830	\$4,808,538	\$5,699,201	\$7,113,221	\$7,336,931	\$6,620,902	\$5,227,457	\$4,983,928	\$4,763,498	\$66,837,245
102	N + S	5B - Lg. Svc. (8 MW)	\$283,953	\$276,370	\$297,181	\$301,729	\$299,712	\$337,106	\$438,518	\$446,395	\$388,191	\$291,771	\$301,992	\$288,293	\$3,951,210
103	N + S	10 - Irrigation	\$21,434	\$49,414	\$109,537	\$186,654	\$232,512	\$282,166	\$284,667	\$233,468	\$207,744	\$126,491	\$45,091	\$19,334	\$1,798,513
104	N + S	11B - Wtr/Swg Pumping	\$526,380	\$502,660	\$518,134	\$564,412	\$604,985	\$771,372	\$1,011,518	\$955,667	\$962,773	\$728,004	\$669,946	\$547,190	\$8,363,040
105	N + S	15B - Universities 115 kV	\$215,225	\$261,043	\$213,248	\$228,545	\$210,772	\$424,493	\$519,381	\$443,509	\$352,821	\$362,847	\$356,874	\$205,278	\$3,794,036
106	N + S	30B - Manuf. (30 MW)	\$1,090,385	\$1,081,709	\$1,079,941	\$1,079,712	\$1,087,488	\$1,243,199	\$1,461,043	\$1,463,620	\$1,340,370	\$1,090,522	\$1,081,998	\$1,081,948	\$14,181,934
107	N + S	33B - Lg. Svc. (Station Power)	\$16,001	\$17,980	\$18,060	\$15,025	\$17,858	\$7,269	\$15,829	\$15,946	\$13,930	\$11,784	\$9,156	\$14,802	\$173,642
108	N + S	35B - Lg. Svc. (3 MW)	\$491,029	\$419,669	\$481,985	\$491,149	\$485,695	\$663,550	\$832,717	\$775,149	\$786,981	\$594,634	\$605,838	\$599,722	\$7,228,118
109	N + S	36B - SSR - Renew. Energy Res.	\$33,343	\$64,128	\$93,764	\$72,278	\$84,385	\$117,949	\$98,676	\$123,853	\$124,502	\$147,736	\$179,945	\$1,274,811	\$1,274,811
110	N + S	6 - Private Lighting	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$2,668,780
111	N + S	20 - Streetlighting	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$606,870	\$7,282,435
112															
113	N + S	Total	\$62,403,304	\$55,864,384	\$49,787,824	\$45,677,215	\$45,682,505	\$54,685,854	\$75,943,833	\$78,187,297	\$68,291,160	\$53,889,682	\$48,573,150	\$54,510,389	\$693,496,598
114															

Summary Tables**Test Period****Jan 2018 - Dec 2018**

Ln #	Juris	Tariff Class	Test Period 01/2018	Test Period 02/2018	Test Period 03/2018	Test Period 04/2018	Test Period 05/2018	Test Period 06/2018	Test Period 07/2018	Test Period 08/2018	Test Period 09/2018	Test Period 10/2018	Test Period 11/2018	Test Period 12/2018	Test Period
115	CAR Revenues by Month														
116	N + S	1 - Residential													\$0
117	N + S	2 - Small Power													\$0
118	N + S	3B - General Power													\$0
119	N + S	3C - General Power Low LF													\$0
120	N + S	4B - Large Power													\$0
121	N + S	5B - Lg. Svc. (8 MW)													\$0
122	N + S	10 - Irrigation													\$0
123	N + S	11B - Wtr/Swg Pumping													\$0
124	N + S	15B - Universities 115 kV													\$0
125	N + S	30B - Manuf. (30 MW)													\$0
126	N + S	33B - Lg. Svc. (Station Power)													\$0
127	N + S	35B - Lg. Svc. (3 MW)													\$0
128	N + S	36B - SSR - Renew. Energy Res.													\$0
129	N + S	6 - Private Lighting													\$0
130	N + S	20 - Streetlighting	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$376,662)
131															
132	N + S	Total	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$31,388)	(\$376,662)
133															
134	Total Revenues by Month														
135	N + S	1 - Residential	\$34,135,174	\$28,613,223	\$23,416,771	\$20,537,247	\$20,061,597	\$24,050,017	\$36,616,645	\$37,436,958	\$32,048,323	\$25,323,647	\$22,127,844	\$27,776,388	\$332,143,835
136	N + S	2 - Small Power	\$7,795,120	\$7,448,341	\$7,144,450	\$6,654,222	\$6,965,075	\$8,458,193	\$10,852,736	\$11,190,837	\$9,749,817	\$7,524,712	\$6,835,873	\$7,311,648	\$97,931,024
137	N + S	3B - General Power	\$9,674,158	\$9,522,568	\$8,932,665	\$8,378,271	\$8,375,866	\$9,886,980	\$13,487,490	\$14,360,563	\$12,473,643	\$9,693,754	\$8,943,404	\$9,266,508	\$122,995,870
138	N + S	3C - General Power Low LF	\$1,802,058	\$1,783,927	\$1,650,938	\$1,540,873	\$1,618,754	\$1,915,090	\$2,382,124	\$2,575,134	\$2,391,895	\$1,950,540	\$1,634,203	\$1,626,568	\$22,872,104
139	N + S	4B - Large Power	\$5,489,775	\$4,994,086	\$5,001,881	\$4,797,830	\$4,808,538	\$5,699,201	\$7,113,221	\$7,336,931	\$6,620,902	\$5,227,457	\$4,983,928	\$4,763,498	\$66,837,245
140	N + S	5B - Lg. Svc. (8 MW)	\$283,953	\$276,370	\$297,181	\$301,729	\$299,712	\$337,106	\$438,518	\$446,395	\$388,191	\$291,771	\$301,992	\$288,293	\$3,951,210
141	N + S	10 - Irrigation	\$21,434	\$49,414	\$109,537	\$186,654	\$232,512	\$282,166	\$284,667	\$233,468	\$207,744	\$126,491	\$45,091	\$19,334	\$1,798,513
142	N + S	11B - Wtr/Swg Pumping	\$526,380	\$502,660	\$518,134	\$564,412	\$604,985	\$771,372	\$1,011,518	\$955,667	\$962,773	\$728,004	\$669,946	\$547,190	\$8,363,040
143	N + S	15B - Universities 115 kV	\$215,225	\$261,043	\$213,248	\$228,545	\$210,772	\$424,493	\$519,381	\$443,509	\$352,821	\$362,847	\$356,874	\$205,278	\$3,794,036
144	N + S	30B - Manuf. (30 MW)	\$1,090,385	\$1,081,709	\$1,079,941	\$1,079,712	\$1,087,488	\$1,243,199	\$1,461,043	\$1,463,620	\$1,340,370	\$1,090,522	\$1,081,998	\$1,081,948	\$14,181,934
145	N + S	33B - Lg. Svc. (Station Power)	\$16,001	\$17,980	\$18,060	\$15,025	\$17,858	\$7,269	\$15,829	\$15,946	\$13,930	\$11,784	\$9,156	\$14,802	\$173,642
146	N + S	35B - Lg. Svc. (3 MW)	\$491,029	\$419,669	\$481,985	\$491,149	\$485,695	\$663,550	\$832,717	\$775,149	\$786,981	\$594,634	\$605,838	\$599,722	\$7,228,118
147	N + S	36B - SSR - Renew. Energy Res.	\$33,343	\$64,128	\$93,764	\$72,278	\$84,385	\$117,949	\$98,676	\$123,853	\$124,502	\$134,252	\$147,736	\$179,945	\$1,274,811
148	N + S	6 - Private Lighting	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$222,398	\$2,668,780
149	N + S	20 - Streetlighting	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$575,481	\$6,905,774
150															
151	N + S	Total	\$62,371,915	\$55,832,996	\$49,756,435	\$45,645,827	\$45,651,117	\$54,654,466	\$75,912,445	\$78,155,908	\$68,259,772	\$53,858,294	\$48,541,762	\$54,479,001	\$693,119,936
152															
153	Coincident Peak Demands (At Generation) by Month														
154	N + S	1 - Residential	679,576	604,210	538,702	471,502	591,240	896,375	878,782	837,027	671,653	528,424	679,576	731,962	8,109,030
155	N + S	2 - Small Power	134,491	127,355	113,934	112,092	179,295	261,926	261,408	264,114	226,267	144,824	122,853	135,128	2,083,687
156	N + S	3B - General Power	235,577	221,273	197,975	212,027	259,056	306,487	289,786	306,416	287,690	267,663	257,316	264,092	3,105,359
157	N + S	3C - General Power Low LF	25,500	23,864	22,367	39,010	42,093	48,575	33,867	36,815	32,722	28,823	21,639	22,784	378,059
158	N + S	4B - Large Power	146,259	137,964	148,055	171,282	167,963	216,123	200,692	194,934	180,683	172,358	152,118	150,117	2,038,548
159	N + S	5B - Lg. Svc. (8 MW)	3,374	9,795	12,350	7,759	8,445	16,117	6,537	9,174	8,968	13,834	11,942	9,957	118,252
160	N + S	10 - Irrigation	842	2,371	4,226	5,332	5,613	6,945	6,361	4,805	5,304	2,286	552	592	45,229
161	N + S	11B - Wtr/Swg Pumping	12,025	13,317	18,826	31,393	20,242	17,459	23,318	19,514	18,912	16,305	18,169	13,658	223,138
162	N + S	15B - Universities 115 kV	3,977	1,669	4,385	5,957	10,030	18,755	12,558	9,944	21,699	9,868	3,490	1,734	104,066
163	N + S	30B - Manuf. (30 MW)	45,316	52,339	53,995	53,780	55,100	55,097	41,866	44,806	42,654	45,095	43,604	41,196	574,848
164	N + S	33B - Lg. Svc. (Station Power)	486	0	472	0	484	0	486	572	413	0	0	488	3,401
165	N + S	35B - Lg. Svc. (3 MW)	16,593	25,419	16,839	23,257	22,824	27,303	27,589	26,849	26,012	25,355	26,949	24,839	289,828
166	N + S	36B - SSR - Renew. Energy Res.	0	0	0	0	0	0	0	0	0	0	0	0	0
167	N + S	6 - Private Lighting	3,961	3,961	3,961	3,961	0	0	0	0	0	3,961	3,961	3,961	27,724
168	N + S	20 - Streetlighting	12,830	12,830	12,830	12,830	0	0	0	0	0	12,830	12,830	12,830	89,813
169															
170	N + S	Total	1,320,806	1,236,367	1,148,917	1,150,182	1,362,386	1,871,162	1,783,249	1,754,970	1,522,977	1,271,627	1,354,999	1,413,339	17,190,981
171															

Summary Tables**Test Period****Jan 2018 - Dec 2018**

Ln #	Juris	Tariff Class	Test Period 01/2018	Test Period 02/2018	Test Period 03/2018	Test Period 04/2018	Test Period 05/2018	Test Period 06/2018	Test Period 07/2018	Test Period 08/2018	Test Period 09/2018	Test Period 10/2018	Test Period 11/2018	Test Period 12/2018	Test Period
172	Coincident Peak Demands (At Transmission) by Month														
173	N + S	1 - Residential	642,728	581,656	518,907	458,738	564,191	861,819	832,694	794,644	637,590	508,255	658,104	709,435	7,768,760
174	N + S	2 - Small Power	127,199	122,601	109,747	109,057	171,092	251,829	247,698	250,741	214,791	139,296	118,971	130,970	1,993,992
175	N + S	3B - General Power	222,804	213,014	190,701	206,288	247,204	294,672	274,587	290,900	273,099	257,447	249,186	255,964	2,975,866
176	N + S	3C - General Power Low LF	24,117	22,974	21,545	37,954	40,167	46,702	32,090	34,951	31,063	27,723	20,955	22,083	362,324
177	N + S	4B - Large Power	138,329	132,814	142,615	166,645	160,278	207,792	190,167	185,063	171,519	165,779	147,312	145,497	1,953,810
178	N + S	5B - Lg. Svc. (8 MW)	3,191	9,430	11,896	7,549	8,058	15,495	6,194	8,710	8,513	13,306	11,565	9,651	113,558
179	N + S	10 - Irrigation	796	2,282	4,070	5,188	5,357	6,677	6,027	4,561	5,035	2,199	534	574	43,302
180	N + S	11B - Wtr/Swg Pumping	11,373	12,820	18,134	30,543	19,316	16,786	22,095	18,526	17,953	15,683	17,595	13,238	214,061
181	N + S	15B - Universities 115 kV	3,761	1,607	4,224	5,795	9,571	18,032	11,899	9,441	20,598	9,492	3,379	1,680	99,481
182	N + S	30B - Manuf. (30 MW)	42,859	50,385	52,011	52,324	52,579	52,973	39,671	42,538	40,490	43,374	42,227	39,928	551,358
183	N + S	33B - Lg. Svc. (Station Power)	459	0	454	0	462	0	460	543	392	0	0	473	3,245
184	N + S	35B - Lg. Svc. (3 MW)	15,693	24,470	16,220	22,627	21,780	26,250	26,142	25,489	24,693	24,387	26,098	24,074	277,925
185	N + S	36B - SSR - Renew. Energy Res.	264	1,074	1,610	2,658	13,468	18,697	16,292	20,052	20,221	21,306	26,114	33,124	174,879
186	N + S	6 - Private Lighting	3,746	3,813	3,815	3,853	0	0	0	0	0	3,809	3,835	3,839	26,711
187	N + S	20 - Streetlighting	12,135	12,352	12,359	12,483	0	0	0	0	0	12,341	12,425	12,436	86,530
188															
189	N + S	Total	1,249,454	1,191,290	1,108,309	1,121,704	1,313,524	1,817,725	1,706,017	1,686,159	1,465,958	1,244,397	1,338,301	1,402,965	16,645,801
190															
191	Coincident Peak Demands (At Meter) by Month														
192	N + S	1 - Residential	601,334	543,830	485,329	428,324	527,668	805,863	779,094	742,483	596,217	474,252	615,974	664,412	7,264,779
193	N + S	2 - Small Power	119,007	114,628	102,646	101,827	160,017	235,478	231,754	234,282	200,854	129,977	111,355	122,658	1,864,481
194	N + S	3B - General Power	208,455	199,161	178,361	192,611	231,201	275,539	256,912	271,805	255,378	240,223	233,234	239,720	2,782,600
195	N + S	3C - General Power Low LF	22,564	21,480	20,151	35,438	37,567	43,670	30,025	32,657	29,047	25,868	19,614	20,681	338,761
196	N + S	4B - Large Power	132,919	127,604	137,106	160,155	154,057	199,649	182,763	177,710	164,819	159,178	141,609	139,883	1,877,451
197	N + S	5B - Lg. Svc. (8 MW)	3,183	9,410	11,870	7,531	8,040	15,463	6,180	8,691	8,495	13,277	11,537	9,628	113,305
198	N + S	10 - Irrigation	745	2,134	3,807	4,844	5,010	6,244	5,639	4,262	4,708	2,052	500	538	40,483
199	N + S	11B - Wtr/Swg Pumping	10,928	12,317	17,433	29,353	18,566	16,128	21,235	17,790	17,251	15,058	16,914	12,727	205,702
200	N + S	15B - Universities 115 kV	3,761	1,607	4,224	5,795	9,571	18,032	11,899	9,441	20,598	9,492	3,379	1,680	99,481
201	N + S	30B - Manuf. (30 MW)	42,512	49,993	51,607	51,911	52,167	52,557	39,356	42,195	40,171	43,031	41,891	39,611	547,001
202	N + S	33B - Lg. Svc. (Station Power)	459	0	454	0	462	0	460	543	392	0	0	473	3,245
203	N + S	35B - Lg. Svc. (3 MW)	15,566	24,280	16,095	22,449	21,609	26,044	25,934	25,284	24,498	24,195	25,890	23,883	275,726
204	N + S	36B - SSR - Renew. Energy Res.	264	1,074	1,610	2,658	13,468	18,697	16,292	20,052	20,221	21,306	26,114	33,124	174,879
205	N + S	6 - Private Lighting	3,505	3,565	3,568	3,598	0	0	0	0	0	3,555	3,590	3,595	24,975
206	N + S	20 - Streetlighting	11,353	11,548	11,559	11,655	0	0	0	0	0	11,515	11,630	11,646	80,907
207															
208	N + S	Total	1,176,555	1,122,630	1,045,820	1,058,149	1,239,401	1,713,363	1,607,543	1,587,196	1,382,649	1,172,978	1,263,231	1,324,261	15,693,776
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220															
221															
222															
223	Non-Coincident Class Peak Demands (At Meter) by Month														
224	N + S	1 - Residential	645,140	681,902	565,641	442,976	527,668	805,863	850,907	827,925	641,367	575,600	615,974	702,213	7,883,175
225	N + S	2 - Small Power	148,792	163,469	145,072	143,979	173,377	243,246	249,795	234,282	203,985	184,148	133,742	148,877	2,172,764
226	N + S	3B - General Power	254,423	257,429	227,144	230,392	231,201	275,539	259,598	297,736	269,474	244,195	233,234	245,400	3,025,766
227	N + S	3C - General Power Low LF	41,764	40,050	40,714	43,497	45,972	50,676	43,860	48,325	43,643	38,974	36,722	38,471	512,668
228	N + S	4B - Large Power	158,066	170,688	169,645	177,545	176,966	199,649	192,105	196,990	185,801	164,037	149,697	157,609	2,098,798
229	N + S	5B - Lg. Svc. (8 MW)	12,045	13,859	13,101	12,862	11,832	15,463	14,880	13,025	14,155	13,689	14,315	13,729	162,955
230	N + S	10 - Irrigation	1,691	3,331	4,599	6,852	8,967	8,233	7,032	6,271	5,628	4,016	949	548	58,117
231	N + S	11B - Wtr/Swg Pumping	24,320	27,597	31,443	32,838	33,695	39,371	65,663	44,443	40,485	35,055	30,179	29,421	434,510
232	N + S	15B - Universities 115 kV	18,047	9,235	15,969	9,388	16,049	18,756	17,806	17,191	21,309	14,860	13,688	12,354	184,652
233	N + S	30B - Manuf. (30 MW)	42,512	49,994	51,608	51,912	52,167	52,557	40,593	43,037	41,000	43,263	42,649	40,021	551,314
234	N + S	33B - Lg. Svc. (Station Power)	776	547	715	727	475	501	796	805	756	747	742	758	8,343
235	N + S	35B - Lg. Svc. (3 MW)	23,689	27,206	26,417	24,995	23,551	28,051	28,923	26,917	27,675	28,783	29,089	28,471	323,767
236	N + S	36B - SSR - Renew. Energy Res.	7,500	15,000	22,500	16,700	19,400	27,700	20,700	26,100	24,300	28,100	26,700	26,700	268,700
237	N + S	6 - Private Lighting	3,607	3,607	3,607	3,607	3,607	3,607	3,607	3,607	3,607	3,607	3,607	3,607	43,287
238	N + S	20 - Streetlighting	11,686	11,686	11,686	11,686	11,686	11,686	11,686	11,686	11,686	11,686	11,686	11,686	140,228
239															
240	N + S	Total	1,394,056	1,475,598	1,329,861	1,209,955	1,336,613	1,780,898	1,807,951	1,798,340	1,534,872	1,386,661	1,344,373	1,469,864	17,869,043
241															
242															
243															
244															
245															

Summary Allocators

Test Period - Page 5 of 7

Summary Tables

Test Period

Jan 2018 - Dec 2018

Ln #	Juris	Tariff Class	Test Period 01/2018	Test Period 02/2018	Test Period 03/2018	Test Period 04/2018	Test Period 05/2018	Test Period 06/2018	Test Period 07/2018	Test Period 08/2018	Test Period 09/2018	Test Period 10/2018	Test Period 11/2018	Test Period 12/2018	Test Period
246	kWh (at Generation) by Month														
247															
248	N + S	1 - Residential	364,250,096	309,207,729	256,324,616	223,077,258	218,085,912	251,239,716	358,686,321	364,256,479	320,155,143	271,058,996	239,178,657	299,193,758	3,474,714,683
249	N + S	2 - Small Power	85,578,296	81,327,193	77,596,776	71,580,571	75,384,286	85,470,147	98,210,623	101,378,021	93,405,123	81,733,163	73,755,384	79,598,198	1,005,017,781
250	N + S	3B - General Power	147,269,110	143,996,316	136,671,367	132,332,059	136,535,431	143,981,460	173,048,498	177,230,971	170,001,383	159,167,586	140,410,583	142,032,079	1,802,676,843
251	N + S	3C - General Power Low LF	18,861,253	18,670,926	17,766,062	17,034,289	17,905,969	19,544,605	21,373,426	22,323,077	21,934,657	20,787,185	17,385,666	17,110,133	230,697,248
252	N + S	4B - Large Power	100,161,127	95,324,016	94,662,788	93,677,028	91,505,836	99,821,715	106,619,070	111,002,760	107,077,012	101,752,373	92,675,639	92,167,220	1,186,446,585
253	N + S	5B - Lg. Svc. (8 MW)	5,664,965	5,249,926	6,386,086	6,612,458	6,468,609	5,680,849	6,511,681	6,812,554	6,286,857	5,902,769	6,727,441	5,918,310	74,222,504
254	N + S	10 - Irrigation	280,155	697,761	1,612,999	2,754,608	3,439,562	4,065,735	3,957,892	3,250,263	2,948,067	1,859,212	619,354	235,842	25,721,450
255	N + S	11B - Wtr/Swg Pumping	11,726,135	11,075,855	11,725,745	12,851,333	14,128,787	16,401,577	19,408,996	18,151,199	19,514,935	17,210,730	16,043,712	12,411,033	180,650,038
256	N + S	15B - Universities 115 kV	3,815,172	3,612,702	4,157,565	4,585,474	4,314,411	8,320,050	7,814,477	6,367,025	6,665,398	7,980,394	5,212,689	4,014,677	66,860,033
257	N + S	30B - Manuf. (30 MW)	33,010,209	31,641,514	31,360,770	31,360,770	32,536,867	34,205,220	31,706,711	31,706,711	31,706,711	31,706,711	31,706,711	31,706,711	384,355,619
258	N + S	33B - Lg. Svc. (Station Power)	322,684	357,876	307,343	320,974	234,559	330,101	278,718	302,662	287,397	305,385	163,788	310,204	3,521,690
259	N + S	35B - Lg. Svc. (3 MW)	16,393,410	15,145,107	15,217,887	16,771,048	16,060,051	19,580,127	19,185,537	18,595,764	20,011,632	19,995,282	20,390,441	20,220,629	217,566,915
260	N + S	36B - SSR - Renew. Energy Res.	233,717	666,623	881,654	986,713	1,336,392	1,719,852	3,107,639	3,989,704	5,408,263	7,470,871	7,073,780	6,984,568	39,859,775
261	N + S	6 - Private Lighting	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	1,407,925	16,895,095
262	N + S	20 - Streetlighting	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	4,560,962	54,731,545
263															
264	N + S	Total	793,535,217	722,942,431	660,640,545	619,913,470	623,905,559	696,330,039	855,878,477	871,336,077	811,371,465	732,899,544	657,312,732	717,872,249	8,763,937,804

Allocators:

267			kWh at Meter	kWh at Meter Allocator	kWh at Generator	kWh at Generator Allocator	12 CP at Generator	12 CP at Generator Allocator	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Generator	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Generator Allocator	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Generator	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Generator Allocator	1 CP (June) at Generator	1 CP (June) at Generator Allocator
268														
269			Jan 2018 - Dec 2018		Jan 2018 - Dec 2018		Jan 2018 - Dec 2018							
270	N + S	1 - Residential	3,164,862,106	0.393575	3,474,714,683	0.396479	675,753	0.471703	836,037	0.490149	820,960	0.473697	896,375	0.479047
271	N + S	2 - Small Power	915,396,797	0.113837	1,005,017,781	0.114677	173,641	0.121208	230,644	0.135221	253,429	0.146229	261,926	0.139980
272	N + S	3B - General Power	1,641,925,784	0.204186	1,802,676,843	0.205693	258,780	0.180639	291,695	0.171014	297,595	0.171713	306,487	0.163795
273	N + S	3C - General Power Low LF	210,125,160	0.026131	230,697,248	0.026323	31,505	0.021992	35,510	0.020819	37,995	0.021923	48,575	0.025960
274	N + S	4B - Large Power	1,106,704,902	0.137627	1,186,446,585	0.135378	169,879	0.118582	190,467	0.111666	198,108	0.114309	216,123	0.115502
275	N + S	5B - Lg. Svc. (8 MW)	70,596,567	0.008779	74,222,504	0.008469	9,854	0.006879	10,446	0.006124	10,199	0.005885	16,117	0.008613
276	N + S	10 - Irrigation	23,427,777	0.002913	25,721,450	0.002935	3,769	0.002631	4,676	0.002741	5,854	0.003378	6,945	0.003711
277	N + S	11B - Wtr/Swg Pumping	168,508,457	0.020955	180,650,038	0.020613	18,595	0.012980	18,487	0.010839	19,801	0.011425	17,459	0.009331
278	N + S	15B - Universities 115 kV	63,683,882	0.007920	66,860,033	0.007629	8,672	0.006054	10,748	0.006301	15,739	0.009081	18,755	0.010023
279	N + S	30B - Manuf. (30 MW)	363,666,494	0.045225	384,355,619	0.043856	47,904	0.033439	45,741	0.026817	46,106	0.026603	55,097	0.029445
280	N + S	33B - Lg. Svc. (Station Power)	3,354,394	0.000417	3,521,690	0.000402	283	0.000198	387	0.000227	368	0.000212	0	0.000000
281	N + S	35B - Lg. Svc. (3 MW)	205,855,705	0.025600	217,566,915	0.024825	24,152	0.016859	26,645	0.015621	26,938	0.015543	27,303	0.014591
282	N + S	36B - SSR - Renew. Energy Res.	37,966,258	0.004721	39,859,775	0.004548	0	0.000000	0	0.000000	0	0.000000	0	0.000000
283	N + S	6 - Private Lighting	15,388,500	0.001914	16,895,095	0.001928	2,310	0.001613	990	0.000581	0	0.000000	0	0.000000
284	N + S	20 - Streetlighting	49,850,940	0.006199	54,731,545	0.006245	7,484	0.005224	3,208	0.001881	0	0.000000	0	0.000000
285														
286	N + S	Total	8,041,313,722	1.000000	8,763,937,804	1.000000	1,432,582	1.000000	1,705,680	1.000000	1,733,090	1.000000	1,871,162	1.000000
287														

Summary Allocators

Test Period - Page 6 of 7

Summary Tables

Test Period

Jan 2018 - Dec 2018

Ln #	Juris	Tariff Class	Test Period 01/2018	Test Period 02/2018	Test Period 03/2018	Test Period 04/2018	Test Period 05/2018	Test Period 06/2018	Test Period 07/2018	Test Period 08/2018	Test Period 09/2018	Test Period 10/2018	Test Period 11/2018	Test Period 12/2018	Test Period
288															
289			Max NCP	Max NCP Allocator			12 CP at Transmission	12 CP at Transmission Allocator	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Transmission	3-Highest CP Summer, 1- Highest CP Winter (Jun-Aug, Dec) at Transmission Allocator	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Transmission	Average of 4 Highest CPs (Jun, Jul, Aug, and Sep) at Transmission Allocator	1 CP (June) at Transmission	1 CP (June) at Transmission Allocator	
290			Jan 2018 - Dec 2018				Jan 2018 - Dec 2018								
291	N + S	1 - Residential	850,907	0.449120			647,397	0.466710	799,648	0.483692	781,687	0.468366	861,819	0.474120	
292	N + S	2 - Small Power	249,795	0.131845			166,166	0.119790	220,309	0.133261	241,265	0.144560	251,829	0.138541	
293	N + S	3B - General Power	297,736	0.157149			247,989	0.178776	279,031	0.168781	283,315	0.169755	294,672	0.162110	
294	N + S	3C - General Power Low LF	50,676	0.026747			30,194	0.021767	33,957	0.020540	36,202	0.021691	46,702	0.025693	
295	N + S	4B - Large Power	199,649	0.105377			162,817	0.117376	182,130	0.110167	188,635	0.113025	207,792	0.114314	
296	N + S	5B - Lg. Svc. (8 MW)	15,463	0.008161			9,463	0.006822	10,013	0.006056	9,728	0.005829	15,495	0.008525	
297	N + S	10 - Irrigation	8,967	0.004733			3,608	0.002601	4,460	0.002698	5,575	0.003340	6,677	0.003673	
298	N + S	11B - Wtr/Swg Pumping	65,663	0.034658			17,838	0.012860	17,661	0.010683	18,840	0.011288	16,786	0.009235	
299	N + S	15B - Universities 115 kV	21,309	0.011247			8,290	0.005976	10,263	0.006208	14,993	0.008983	18,032	0.009920	
300	N + S	30B - Manuf. (30 MW)	52,557	0.027740			45,947	0.033123	43,777	0.026480	43,918	0.026314	52,973	0.029142	
301	N + S	33B - Lg. Svc. (Station Power)	805	0.000425			270	0.000195	369	0.000223	349	0.000209	0	0.000000	
302	N + S	35B - Lg. Svc. (3 MW)	29,089	0.015354			23,160	0.016696	25,489	0.015418	25,644	0.015365	26,250	0.014441	
303	N + S	36B - SSR - Renew. Energy Res.	36,700	0.019371			14,573	0.010506	22,041	0.013332	18,816	0.011274	18,697	0.010286	
304	N + S	6 - Private Lighting	3,607	0.001904			2,226	0.001605	960	0.000580	0	0.000000	0	0.000000	
305	N + S	20 - Streetlighting	11,686	0.006168			7,211	0.005198	3,109	0.001881	0	0.000000	0	0.000000	
306															
307	N + S	Total	1,894,609	1.000000			1,387,150	1.000000	1,653,216	1.000000	1,668,965	1.000000	1,817,725	1.000000	
308															
309															
310			Total kWh at Generation	Max by Class of NCP	Average Demand	Excess Demand	System Load Factor	Average Demand Allocator	Excess Demand Allocator		AED Class Allocators		Cumulative Energy Loss Factor	Voltage Class Adjustment Factors	
311															
312	N + S	1 - Residential	3,474,714,683	966,081	396,657	569,424		0.2120	0.2365		0.448471		1.097904	1.00737710	
313	N + S	2 - Small Power	1,005,017,781	283,605	114,728	168,877		0.0613	0.0701		0.131450		1.097904	1.00737710	
314	N + S	3B - General Power	1,802,676,843	335,649	205,785	129,864		0.1100	0.0539		0.163911		1.097904	1.00737710	
315	N + S	3C - General Power Low LF	230,697,248	56,367	26,335	30,032		0.0141	0.0125		0.026547		1.097904	1.00737710	
316	N + S	4B - Large Power	1,186,446,585	216,609	135,439	81,170		0.0724	0.0337		0.106093		1.072053	0.98365788	
317	N + S	5B - Lg. Svc. (8 MW)	74,222,504	16,117	8,473	7,644		0.0045	0.0032		0.007703		1.051361	0.96467215	
318	N + S	10 - Irrigation	25,721,450	10,048	2,936	7,111		0.0016	0.0030		0.004523		1.097904	1.00737710	
319	N + S	11B - Wtr/Swg Pumping	180,650,038	72,105	20,622	51,483		0.0110	0.0214		0.072053		1.072053	0.98365788	
320	N + S	15B - Universities 115 kV	66,860,033	22,448	7,632	14,815		0.0041	0.0062		0.010232		1.049874	0.96330714	
321	N + S	30B - Manuf. (30 MW)	384,355,619	55,106	43,876	11,230		0.0234	0.0047		0.028112		1.056890	0.96974526	
322	N + S	33B - Lg. Svc. (Station Power)	3,521,690	848	402	445		0.0002	0.0002		0.000400		1.049874	0.96330714	
323	N + S	35B - Lg. Svc. (3 MW)	217,566,915	30,768	24,836	5,931		0.0133	0.0025		0.015737		1.056890	0.96974526	
324	N + S	36B - SSR - Renew. Energy Res.	39,859,775	37,865	4,550	33,315		0.0024	0.0138		0.016268		1.049874	0.96330714	
325	N + S	6 - Private Lighting	16,895,095	4,077	1,929	2,148		0.0010	0.0009		0.001923		1.097904	1.00737710	
326	N + S	20 - Streetlighting	54,731,545	13,206	6,248	6,958		0.0033	0.0029		0.006229		1.097904	1.00737710	
327															
328	N + S	Total	8,763,937,804	2,120,898	1,000,450	1,120,449	53.47%	0.5347	0.4653		1.000000		1.089864	1.00000000	

Summary Tables**Test Period****Jan 2018 - Dec 2018**

Ln #	Juris	Tariff Class	Test Period 01/2018	Test Period 02/2018	Test Period 03/2018	Test Period 04/2018	Test Period 05/2018	Test Period 06/2018	Test Period 07/2018	Test Period 08/2018	Test Period 09/2018	Test Period 10/2018	Test Period 11/2018	Test Period 12/2018	Test Period
Rider 8 Adjustments															
308	IID														
309	N + S	35B - Lg. Svc. (3 MW)	12,656	7,956	12,296	12,856	13,796	12,956	12,120	12,260	12,180	12,316	12,196	12,936	146,524
310	N + S	4B - Large Power	1,485	1,485	1,533	1,485	1,413	1,407	1,320	1,272	1,248	1,485	1,245	1,389	16,767
311	N + S	3C - General Power Low LF	3,407	3,549	3,337	3,407	3,266	3,266	2,984	3,055	2,843	3,055	2,914	3,266	38,349
312	N + S	3C - General Power Low LF	1,323	1,300	1,201	1,255	1,276	1,213	1,187	1,321	1,157	1,252	1,232	1,264	14,981
313	Total IID		18,871	14,290	18,367	19,003	19,751	18,842	17,611	17,908	17,428	18,108	17,587	18,855	216,621
314															
315	Discount														
316	N + S	35B - Lg. Svc. (3 MW)	(\$93,401)	(\$58,715)	(\$90,744)	(\$94,877)	(\$101,814)	(\$101,065)	(\$191,860)	(\$194,076)	(\$189,546)	(\$90,892)	(\$90,006)	(\$95,468)	(\$1,392,465)
317	N + S	4B - Large Power	(\$6,059)	(\$6,059)	(\$6,255)	(\$6,059)	(\$5,765)	(\$6,292)	(\$20,896)	(\$20,136)	(\$19,756)	(\$6,059)	(\$5,080)	(\$5,667)	(\$114,080)
318	N + S	3C - General Power Low LF	(\$1,295)	(\$1,349)	(\$1,268)	(\$1,295)	(\$1,241)	(\$12,511)	(\$20,440)	(\$20,927)	(\$9,664)	(\$1,161)	(\$1,107)	(\$1,241)	(\$73,499)
319	N + S	3C - General Power Low LF	(\$503)	(\$494)	(\$456)	(\$477)	(\$485)	(\$1,239)	(\$8,131)	(\$9,049)	(\$7,431)	(\$476)	(\$468)	(\$480)	(\$29,689)
320	Total Discount		(\$101,257)	(\$66,617)	(\$98,724)	(\$102,708)	(\$109,305)	(\$121,107)	(\$241,327)	(\$244,187)	(\$226,397)	(\$98,588)	(\$96,662)	(\$102,856)	(\$1,609,733)
321															
322	N + S	Rate 36B Contrib. to Prod.	\$5,144	\$14,672	\$19,405	\$21,717	\$29,414	\$37,853	\$68,398	\$87,812	\$119,034	\$164,432	\$155,692	\$153,728	\$877,302

The Embedded Class Cost of Service Study ("ECCOSS") Model

PNM Exhibit SAV-4

Is contained in the following 268 pages

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES								
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	2,574,240,319	1,342,339,344	339,571,761	418,651,277	57,357,884	242,535,911	11,764,637	7,451,252
6 Accumulated Deferred Income Taxes	(607,093,765)	(316,357,443)	(80,195,668)	(98,386,943)	(13,318,982)	(57,633,401)	(2,821,139)	(1,706,400)
7 Regulatory Assets & Liabilities	18,323,517	9,395,641	2,467,173	3,041,753	443,720	1,721,621	90,801	52,055
8 Other Rate Base Items	165,246,525	94,433,103	21,584,776	20,755,836	2,938,120	13,677,377	698,019	469,757
9 Working Capital	177,098,073	80,233,903	21,848,717	32,269,171	3,982,460	21,133,565	1,405,951	455,608
10								
11 TOTAL RATE BASE	2,327,814,669	1,210,044,548	305,276,759	376,331,093	51,403,200	221,435,074	11,138,270	6,722,271
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
18 Fuel Revenue	177,752,491	68,597,865	20,501,321	36,361,313	4,381,446	24,493,620	1,897,575	494,617
19 Total Sales of Electricity Revenue	881,858,808	403,661,482	122,362,684	162,960,533	26,424,121	91,553,899	6,600,170	2,268,327
20 Other Operating Revenue	14,444,080	6,906,767	1,848,035	2,571,720	344,071	1,547,655	88,307	43,765
21								
22 TOTAL OPERATING REVENUE	896,302,888	410,568,249	124,210,719	165,532,253	26,768,192	93,101,554	6,688,477	2,312,092
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446
26 Operation & Maintenance Expense - Fuel	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
27 Depreciation & Amortization Expense	124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	480,507	360,668
28 General Taxes	33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437
29 Other Allowable Expenses	7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412	16,936
30 Net Allowable Federal Income Tax	47,031,423	11,977,947	10,277,786	13,517,043	3,676,690	4,767,777	638,089	64,659
31 Net Allowable State Income Tax	8,316,300	2,205,223	1,788,482	2,347,942	631,222	841,982	110,144	11,762
32 Revenue Tax	4,411,437	2,017,787	612,905	815,694	132,636	457,747	33,118	11,314
33								
34 TOTAL OPERATING EXPENSES	715,669,526	336,789,495	94,378,847	126,884,789	18,731,604	75,115,366	5,158,240	1,895,980
35								
36 OPERATING INCOME	180,633,362	73,778,754	29,831,872	38,647,464	8,036,589	17,986,189	1,530,237	416,112
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	7.76%	6.05%	9.72%	10.19%	15.57%	8.30%	14.36%	6.13%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	0.7800	1.2526	1.3137	2.0062	1.0699	1.8503	0.7903
41								
42 Forecasted Rate of Return @ Present Rates (Total)	7.76%	6.10%	9.77%	10.27%	15.63%	8.12%	13.74%	6.19%
43 Relative Rate of Return @ Present Rates (Total)	1.0000	0.7857	1.2593	1.3234	2.0148	1.0468	1.7705	0.7977
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES								
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	31,922,312	10,176,939	58,710,449	389,916	29,214,617	0	3,373,356	20,780,665
6 Accumulated Deferred Income Taxes	(7,255,803)	(2,505,784)	(14,225,834)	(95,159)	(7,074,418)	0	(843,810)	(4,672,981)
7 Regulatory Assets & Liabilities	228,062	78,975	413,720	3,191	194,260	0	33,933	158,613
8 Other Rate Base Items	1,887,320	619,553	3,505,696	25,332	1,746,339	0	644,403	2,260,894
9 Working Capital	2,860,439	1,269,252	7,053,297	54,662	3,478,056	0	223,835	829,156
10								
11 TOTAL RATE BASE	29,642,330	9,638,934	55,457,328	377,942	27,558,855	0	3,431,717	19,356,347
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	8,667,799	4,233,413	16,347,349	192,474	5,971,336	0	2,676,031	6,914,456
18 Fuel Revenue	3,979,951	1,646,101	9,337,675	77,173	4,583,327	0	330,579	1,069,928
19 Total Sales of Electricity Revenue	12,647,750	5,879,513	25,685,024	269,648	10,554,663	0	3,006,610	7,984,384
20 Other Operating Revenue	226,090	73,306	431,462	3,407	213,329	0	22,510	123,656
21								
22 TOTAL OPERATING REVENUE	12,873,840	5,952,819	26,116,486	273,054	10,767,992	0	3,029,119	8,108,040
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284
26 Operation & Maintenance Expense - Fuel	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
27 Depreciation & Amortization Expense	1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155
28 General Taxes	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844
29 Other Allowable Expenses	78,464	38,846	210,792	1,467	104,596	0	5,236	23,224
30 Net Allowable Federal Income Tax	460,796	578,935	518,757	29,355	(531,449)	0	452,584	602,456
31 Net Allowable State Income Tax	81,769	100,022	97,107	5,051	(85,854)	0	77,371	104,076
32 Revenue Tax	63,173	29,529	128,433	1,354	52,593	0	15,176	39,978
33								
34 TOTAL OPERATING EXPENSES	10,707,414	4,592,516	22,542,815	208,594	10,191,743	0	2,180,527	6,291,596
35								
36 OPERATING INCOME	2,166,426	1,360,303	3,573,671	64,461	576,248	0	848,593	1,816,444
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	7.53%	14.76%	6.96%	17.83%	2.61%	0.00%	24.65%	9.34%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	0.9700	1.9019	0.8975	2.2975	0.3357	0.0000	3.1770	1.2038
41								
42 Forecasted Rate of Return @ Present Rates (Total)	7.31%	14.11%	6.44%	17.06%	2.09%	0.00%	24.73%	9.38%
43 Relative Rate of Return @ Present Rates (Total)	0.9419	1.8187	0.8304	2.1980	0.2695	0.0000	3.1867	1.2093
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR									
1									
2	RATE BASE	2,327,814,669	1,210,044,548	305,276,759	376,331,093	51,403,200	221,435,074	11,138,270	6,722,271
3									
4									
5	REQUESTED RETURN								
6									
7	OPERATING REVENUE								
8	Sales of Electricity Revenue								
9	Non-Fuel Revenue	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
10	Fuel Revenue	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
11	Total Sales of Electricity Revenue	888,328,212	441,905,124	112,206,461	147,564,991	19,401,118	91,007,197	5,474,906	2,478,033
12	Other Operating Revenue	14,444,080	6,906,767	1,848,035	2,571,720	344,071	1,547,655	88,307	43,765
13	TOTAL OPERATING REVENUE	902,772,292	448,811,891	114,054,496	150,136,712	19,745,189	92,554,852	5,563,213	2,521,798
14									
15	OPERATING EXPENSES								
16	Operation & Maintenance Expenses Excluding Fuel	312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446
17	Operation & Maintenance Expense - Fuel	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
18	Depreciation & Amortization Expense	124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	480,507	360,668
19	General Taxes	33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437
20	Other Allowable Expenses	7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412	16,936
21	Net Allowable Federal Income Tax	51,978,538	27,015,198	6,817,466	8,405,191	1,151,378	4,938,031	248,089	151,171
22	Net Allowable State Income Tax	12,823,151	6,670,128	1,683,133	2,074,261	283,558	1,217,437	60,904	37,069
23	Revenue Tax	4,494,937	2,236,038	567,764	746,678	98,170	460,496	27,703	12,539
24	TOTAL OPERATING EXPENSES	725,206,992	356,509,903	90,768,038	121,430,241	15,824,162	75,663,823	4,713,588	2,009,024
25									
26	OPERATING INCOME	177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774
27									
28									
29	Requested Rate of Return (Non-Fuel)	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
30	Relative Rate of Return (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
31									
32	Requested Rate of Return (Total)	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
33	Relative Rate of Return (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
34									
35	Base Non-Fuel Revenue Requirement	725,019,801	380,749,243	93,713,131	114,059,099	15,397,929	67,662,736	3,596,660	2,031,040
36	Fuel Revenue Requirement	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
37	Total Revenue Requirement	902,772,292	448,811,891	114,054,496	150,136,712	19,745,189	92,554,852	5,563,213	2,521,798
38									
39	Forecasted Non-Fuel Revenues	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
40	Other Operating Revenues	14,444,080	6,906,767	1,848,035	2,571,720	344,071	1,547,655	88,307	43,765
41	Fuel Revenues	177,752,491	68,597,865	20,501,321	36,361,313	4,381,446	24,493,620	1,897,575	494,617
42	Total Revenues	896,302,888	410,568,249	124,210,719	165,532,253	26,768,192	93,101,554	6,688,477	2,312,092
43									
44	Non-Fuel Revenue Deficiency	6,469,403	38,778,859	(9,996,267)	(15,111,842)	(6,988,818)	(945,198)	(1,194,243)	213,565
45	Fuel Revenue Deficiency	(0)	(535,217)	(159,956)	(283,700)	(34,185)	398,496	68,978	(3,859)
46	Total Revenue Deficiency	6,469,403	38,243,642	(10,156,223)	(15,395,542)	(7,023,003)	(546,702)	(1,125,265)	209,706
47									
48	Non-Fuel Impact as % of Total Revenues	0.72%	9.45%	-8.05%	-9.13%	-26.11%	-1.02%	-17.86%	9.24%
49									
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	0.92%	11.57%	-9.81%	-11.94%	-31.71%	-1.41%	-25.40%	12.04%

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR								
1								
2 RATE BASE	29,642,330	9,638,934	55,457,328	377,942	27,558,855	0	3,431,717	19,356,347
3								
4								
5 REQUESTED RETURN								
6								
7 OPERATING REVENUE								
8 Sales of Electricity Revenue								
9 Non-Fuel Revenue	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
10 Fuel Revenue	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
11 Total Sales of Electricity Revenue	13,032,595	4,836,729	27,270,978	209,775	13,476,641	0	1,980,869	7,482,795
12 Other Operating Revenue	226,090	73,306	431,462	3,407	213,329	0	22,510	123,656
13 TOTAL OPERATING REVENUE	13,258,684	4,910,035	27,702,440	213,182	13,689,970	0	2,003,378	7,606,451
14								
15 OPERATING EXPENSES								
16 Operation & Maintenance Expenses Excluding Fuel	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284
17 Operation & Maintenance Expense - Fuel	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
18 Depreciation & Amortization Expense	1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155
19 General Taxes	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844
20 Other Allowable Expenses	78,464	38,846	210,792	1,467	104,596	0	5,236	23,224
21 Net Allowable Federal Income Tax	667,203	213,600	1,232,387	8,398	612,406	0	77,522	440,495
22 Net Allowable State Income Tax	162,750	52,675	303,267	2,059	150,734	0	18,667	106,507
23 Revenue Tax	65,945	24,474	137,991	1,061	68,192	0	10,023	37,863
24 TOTAL OPERATING EXPENSES	10,997,572	4,174,779	23,472,165	184,352	11,587,785	0	1,741,608	6,129,952
25								
26 OPERATING INCOME	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
27								
28								
29 Requested Rate of Return (Non-Fuel)	7.63%	7.63%	7.63%	7.63%	7.63%	0.00%	7.63%	7.63%
30 Relative Rate of Return (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	1.0000	1.0000
31								
32 Requested Rate of Return (Total)	7.63%	7.63%	7.63%	7.63%	7.63%	0.00%	7.63%	7.63%
33 Relative Rate of Return (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	1.0000	1.0000
34								
35 Base Non-Fuel Revenue Requirement	9,213,982	3,201,680	18,076,038	133,090	8,964,924	0	1,675,379	6,544,871
36 Fuel Revenue Requirement	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
37 Total Revenue Requirement	13,258,684	4,910,035	27,702,440	213,182	13,689,970	0	2,003,378	7,606,451
38								
39 Forecasted Non-Fuel Revenues	8,667,799	4,233,413	16,347,349	192,474	5,971,336	-	2,676,031	6,914,456
40 Other Operating Revenues	226,090	73,306	431,462	3,407	213,329	0	22,510	123,656
41 Fuel Revenues	3,979,951	1,646,101	9,337,675	77,173	4,583,327	0	330,579	1,069,928
42 Total Revenues	12,873,840	5,952,819	26,116,486	273,054	10,767,992	0	3,029,119	8,108,040
43								
44 Non-Fuel Revenue Deficiency	320,093	(1,105,039)	1,297,228	(62,791)	2,780,259	0	(1,023,162)	(493,241)
45 Fuel Revenue Deficiency	64,751	62,255	288,726	2,919	141,719	0	(2,579)	(8,348)
46 Total Revenue Deficiency	384,845	(1,042,784)	1,585,954	(59,873)	2,921,978	0	(1,025,741)	(501,589)
47								
48 Non-Fuel Impact as % of Total Revenues	2.49%	-18.56%	4.97%	-23.00%	25.82%	0.00%	-33.78%	-6.08%
49								
50 Non-Fuel Impact as % of Total Non-Fuel Revenues	3.69%	-26.10%	7.94%	-32.62%	46.56%	0.00%	-38.23%	-7.13%

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

Base Period Ending 6/30/2016		Residential		Small Power		General Power		General Power		Large Power		Mines		Irrigation	
		Schedule 1		Schedule 2		Schedule 3B		Schedule 3C		Schedule 4		Schedule 5		Schedule 10	
		Residential		Small Power		General Power		GP Low LF		Large Power		Industrial Power		Irrigation	
		1		2		3		4		5		6		7	
ALLOCATION		Total PNM Consolidated													
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY CLASS															
1															
2	RATE BASE	2,327,814,669	1,210,044,548	305,276,759	376,331,093	51,403,200	221,435,074	11,138,270	6,722,271						
3															
4															
5	PROPOSED RETURN														
6															
7	OPERATING REVENUE														
8	Sales of Electricity Revenue														
9	Non-Fuel Revenue	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275						
10	Fuel Revenue	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758						
11	Total Sales of Electricity Revenue	888,328,212	441,905,124	112,206,461	147,564,991	19,401,118	91,007,197	5,474,906	2,478,033						
12	Other Operating Revenue	14,444,080	6,906,767	1,848,035	2,571,720	344,071	1,547,655	88,307	43,765						
13	TOTAL OPERATING REVENUE	902,772,292	448,811,891	114,054,496	150,136,712	19,745,189	92,554,852	5,563,213	2,521,798						
14															
15	OPERATING EXPENSES														
16	Operation & Maintenance Expenses Excluding Fuel	312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446						
17	Operation & Maintenance Expense - Fuel	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758						
18	Depreciation & Amortization Expense	124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	480,507	360,668						
19	General Taxes	33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437						
20	Other Allowable Expenses	7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412	16,936						
21	Net Allowable Federal Income Tax	51,978,538	27,015,198	6,817,466	8,405,191	1,151,378	4,938,031	248,089	151,171						
22	Net Allowable State Income Tax	12,823,151	6,670,128	1,683,133	2,074,261	283,558	1,217,437	60,904	37,069						
23	Revenue Tax	4,494,937	2,236,038	567,764	746,678	98,170	460,496	27,703	12,539						
24	TOTAL OPERATING EXPENSES	725,206,992	356,509,903	90,768,038	121,430,241	15,824,162	75,663,823	4,713,588	2,009,024						
25															
26	OPERATING INCOME	177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774						
27															
28															
29	Rate of Return (Non-Fuel)	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%						
30	Relative Rate of Return (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000						
31															
32	Rate of Return (Total)	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%						
33	Relative Rate of Return (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000						
34															
35	Base Non-Fuel Revenue Requirement	725,019,801	380,749,243	93,713,131	114,059,099	15,397,929	67,662,736	3,596,660	2,031,040						
36	Fuel Revenue Requirement	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758						
37	Total Revenue Requirement	902,772,292	448,811,891	114,054,496	150,136,712	19,745,189	92,554,852	5,563,213	2,521,798						
38															
39	Forecasted Non-Fuel Revenues	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710						
40	Other Operating Revenues	14,444,080	6,906,767	1,848,035	2,571,720	344,071	1,547,655	88,307	43,765						
41	Fuel Revenues	177,752,491	68,597,865	20,501,321	36,361,313	4,381,446	24,493,620	1,897,575	494,617						
42	Total Revenues	896,302,888	410,568,249	124,210,719	165,532,253	26,768,192	93,101,554	6,688,477	2,312,092						
43															
44	Non-Fuel Revenue Deficiency	6,469,403	38,778,859	(9,996,267)	(15,111,842)	(6,988,818)	(945,198)	(1,194,243)	213,565						
45	Fuel Revenue Deficiency	(0)	(535,217)	(159,956)	(283,700)	(34,185)	398,496	68,978	(3,859)						
46	Total Revenue Deficiency	6,469,403	38,243,642	(10,156,223)	(15,395,542)	(7,023,003)	(546,702)	(1,125,265)	209,706						
47															
48	Non-Fuel Impact as % of Total Revenues	0.72%	9.45%	-8.05%	-9.13%	-26.11%	-1.02%	-17.86%	9.24%						
49															
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	0.92%	11.57%	-9.81%	-11.94%	-31.71%	-1.41%	-25.40%	12.04%						

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION

FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY CLASS

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
1								
2	29,642,330	9,638,934	55,457,328	377,942	27,558,855	0	3,431,717	19,356,347
3								
4								
5								
6								
7								
8								
9	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
10	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
11	13,032,595	4,836,729	27,270,978	209,775	13,476,641	0	1,980,869	7,482,795
12	226,090	73,306	431,462	3,407	213,329	0	22,510	123,656
13	13,258,684	4,910,035	27,702,440	213,182	13,689,970	0	2,003,378	7,606,451
14								
15								
16	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284
17	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
18	1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155
19	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844
20	78,464	38,846	210,792	1,467	104,596	0	5,236	23,224
21	667,203	213,600	1,232,387	8,398	612,406	0	77,522	440,495
22	162,750	52,675	303,267	2,059	150,734	0	18,667	106,507
23	65,945	24,474	137,991	1,061	68,192	0	10,023	37,863
24	10,997,572	4,174,779	23,472,165	184,352	11,587,785	0	1,741,608	6,129,952
25								
26	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
27								
28								
29	7.63%	7.63%	7.63%	7.63%	7.63%	0.00%	7.63%	7.63%
30	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	1.0000	1.0000
31								
32	7.63%	7.63%	7.63%	7.63%	7.63%	0.00%	7.63%	7.63%
33	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	1.0000	1.0000
34								
35	9,213,982	3,201,680	18,076,038	133,090	8,964,924	0	1,675,379	6,544,871
36	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
37	13,258,684	4,910,035	27,702,440	213,182	13,689,970	0	2,003,378	7,606,451
38								
39	8,667,799	4,233,413	16,347,349	192,474	5,971,336	-	2,676,031	6,914,456
40	226,090	73,306	431,462	3,407	213,329	0	22,510	123,656
41	3,979,951	1,646,101	9,337,675	77,173	4,583,327	0	330,579	1,069,928
42	12,873,840	5,952,819	26,116,486	273,054	10,767,992	0	3,029,119	8,108,040
43								
44	320,093	(1,105,039)	1,297,228	(62,791)	2,780,259	0	(1,023,162)	(493,241)
45	64,751	62,255	288,726	2,919	141,719	0	(2,579)	(8,348)
46	384,845	(1,042,784)	1,585,954	(59,873)	2,921,978	0	(1,025,741)	(501,589)
47								
48	2.49%	-18.56%	4.97%	-23.00%	25.82%	0.00%	-33.78%	-6.08%
49								
50	3.69%	-26.10%	7.94%	-32.62%	46.56%	0.00%	-38.23%	-7.13%

PNM EXHIBIT SAV-4
Page 6 of 268

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

			Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation Schedule 10 Irrigation
	ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5		
1	NET PLANT								
2									
3	NET PRODUCTION PLANT	_4CP_3S1W							
4									
5	Steam Production Net Plant	_4CP_3S1W	681,834,445	341,491,048	88,135,899	114,297,041	13,907,284	73,182,487	4,080,852
6	San Juan Unit 4 65 MW	_4CP_3S1W	0	0	0	0	0	0	0
7	Total Steam Production Net Plant		681,834,445	341,491,048	88,135,899	114,297,041	13,907,284	73,182,487	4,080,852
8									
9	Nuclear Production Net Plant - Palo Verde 1 & 2	_4CP_3S1W	262,342,678	131,392,124	33,911,176	43,976,939	5,350,968	28,157,700	1,570,149
10	Nuclear Production Net Plant - Palo Verde 3	_4CP_3S1W	0	0	0	0	0	0	0
11	PV 1&2 Acquisition Adjustment	_4CP_3S1W	2,906,980	1,455,936	375,765	487,302	59,293	312,011	17,399
12	PV 2 Lease Acquisition Adjustment - First Chicago	_4CP_3S1W	23,696,682	11,868,284	3,063,102	3,972,314	483,338	2,543,406	141,827
13	PV 2 64.1 MW Lease Acquisition Adjustment	_4CP_3S1W	0	0	0	0	0	0	0
14	Total Nuclear Production Net Plant		288,946,339	144,716,344	37,350,042	48,436,555	5,893,599	31,013,117	1,729,375
15									
16	Other Production Plant - Gas & 40 MW Solar	_4CP_3S1W	400,884,957	200,779,860	51,819,553	67,201,012	8,176,796	43,027,686	2,399,339
17	Other Production Plant - Renewable	_4CP_3S1W	0	0	0	0	0	0	0
18	Total Other Production Net Plant		400,884,957	200,779,860	51,819,553	67,201,012	8,176,796	43,027,686	2,399,339
19									
20	TOTAL NET PRODUCTION PLANT		1,371,665,742	686,987,251	177,305,493	229,934,607	27,977,679	147,223,290	8,209,566
21									
22									
23									
24	NET TRANSMISSION PLANT								
25									
26	Step-Up Transformers - Excluding PV3	Trans_3S1W	9,550,466	4,782,699	1,233,748	1,601,886	194,837	1,025,126	57,242
27	Step-Up Transformers - PV3	Trans_3S1W	0	0	0	0	0	0	0
28	Total Transmission Station Equipment - Step-up Xfmr and Aux		9,550,466	4,782,699	1,233,748	1,601,886	194,837	1,025,126	57,242
29									
30	Transmission System Net Plant	Trans_3S1W	274,280,380	137,354,618	35,432,088	46,004,647	5,595,531	29,440,655	1,643,943
31	Transmission System Net Plant - PV 3	Trans_3S1W	0	0	0	0	0	0	0
32	Transmission System Net Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0
33	Transmission System Net Plant - Dedicated Retail	Trans_3S1W	3,723,297	1,864,559	480,983	624,503	75,958	399,651	22,316
34	Transmission System Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0
35	EIP Acquisition Adjustment	Trans_3S1W	3,408,058	1,706,693	440,260	571,629	69,527	365,813	20,427
36	Total Transmission System Net Plant		281,411,736	140,925,871	36,353,330	47,200,778	5,741,016	30,206,119	1,686,685
37									
38	TOTAL NET TRANSMISSION PLANT		290,962,201	145,708,570	37,587,079	48,802,664	5,935,853	31,231,245	1,743,928
39									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streettlighting Schedule 20 Streettlighting 15
1 NET PLANT								
2								
3 NET PRODUCTION PLANT	_4CP_3S1W							
4								
5 Steam Production Net Plant	_4CP_3S1W	7,233,717	4,008,680	21,487,455	151,000	10,655,930	0	392,975
6 San Juan Unit 4 65 MW	_4CP_3S1W	0	0	0	0	0	0	1,291,010
7 Total Steam Production Net Plant		7,233,717	4,008,680	21,487,455	151,000	10,655,930	0	1,291,010
8								
9 Nuclear Production Net Plant - Palo Verde 1 & 2	_4CP_3S1W	2,783,245	1,542,380	8,267,515	58,099	4,099,976	0	496,729
10 Nuclear Production Net Plant - Palo Verde 3	_4CP_3S1W	0	0	0	0	0	0	0
11 PV 1&2 Acquisition Adjustment	_4CP_3S1W	30,841	17,091	91,611	644	45,431	0	5,504
12 PV 2 Lease Acquisition Adjustment - First Chicago	_4CP_3S1W	251,403	139,319	746,782	5,248	370,339	0	44,868
13 PV 2 64.1 MW Lease Acquisition Adjustment	_4CP_3S1W	0	0	0	0	0	0	0
14 Total Nuclear Production Net Plant		3,065,489	1,698,790	9,105,908	63,990	4,515,747	0	547,101
15								
16 Other Production Plant - Gas & 40 MW Solar	_4CP_3S1W	4,253,068	2,356,906	12,633,561	88,780	6,265,160	0	759,050
17 Other Production Plant - Renewable	_4CP_3S1W	0	0	0	0	0	0	0
18 Total Other Production Net Plant		4,253,068	2,356,906	12,633,561	88,780	6,265,160	0	759,050
19								
20 TOTAL NET PRODUCTION PLANT		14,552,274	8,064,375	43,226,924	303,770	21,436,837	0	2,597,161
21								
22								
23								
24 NET TRANSMISSION PLANT								
25								
26 Step-Up Transformers - Excluding PV3	Trans_3S1W	101,266	56,008	301,049	2,112	149,316	0	18,349
27 Step-Up Transformers - PV3	Trans_3S1W	0	0	0	0	0	0	0
28 Total Transmission Station Equipment - Step-up Xfmr and Aux		101,266	56,008	301,049	2,112	149,316	0	18,349
29								
30 Transmission System Net Plant	Trans_3S1W	2,908,278	1,608,505	8,645,854	60,645	4,288,201	0	526,952
31 Transmission System Net Plant - PV 3	Trans_3S1W	0	0	0	0	0	0	0
32 Transmission System Net Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0
33 Transmission System Net Plant - Dedicated Retail	Trans_3S1W	39,479	21,835	117,366	823	58,211	0	7,153
34 Transmission System Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0
35 EIP Acquisition Adjustment	Trans_3S1W	36,137	19,986	107,429	754	53,283	0	6,548
36 Total Transmission System Net Plant		2,983,894	1,650,327	8,870,648	62,221	4,399,695	0	540,653
37								
38 TOTAL NET TRANSMISSION PLANT		3,085,161	1,706,335	9,171,697	64,333	4,549,011	0	559,001
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

RATE BASE CONTINUED

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 NET DISTRIBUTION PLANT									
2									
3 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
4 Distribution Substations Net Plant - PNM	NCP_Subs	139,953,072	66,330,614	18,452,356	23,137,159	3,887,167	15,400,731	1,352,435	595,660
5 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
6 Total Distribution Substations Net Plant		139,953,072	66,330,614	18,452,356	23,137,159	3,887,167	15,400,731	1,352,435	595,660
7									
8 Primary Distribution System Net Plant - PNM	NCP_Pri	336,824,067	168,667,870	46,921,314	58,833,999	9,884,428	39,161,533	0	1,514,666
9 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
10 Total Primary Distribution Net Plant		336,824,067	168,667,870	46,921,314	58,833,999	9,884,428	39,161,533	0	1,514,666
11									
12 Secondary Distribution System Net Plant - PNM	NCP_Sec	198,485,602	115,916,831	32,246,628	40,433,609	6,793,064	0	0	1,040,953
13 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
14 Total Secondary Distribution Net Plant		198,485,602	115,916,831	32,246,628	40,433,609	6,793,064	0	0	1,040,953
15									
16 Services Net Plant - PNM	Wtd_Services	49,838,339	47,754,195	2,084,144	0	0	0	0	0
17									
18 Meters Net Plant - PNM	Wtd_Meters	39,211,939	24,676,916	8,372,838	3,103,341	866,222	1,091,481	9,923	297,415
19									
20 Private Lighting - 371	CUST371	557,427	0	0	0	0	0	0	0
21 Street Lighting - 373	CUST373	11,517,791	0	0	0	0	0	0	0
22 Total Lighting Net Plant		12,075,218	0	0	0	0	0	0	0
23									
24 TOTAL NET DISTRIBUTION PLANT		776,388,238	423,346,427	108,077,280	125,508,107	21,430,881	55,653,745	1,362,358	3,448,695
25									
26									
27									
28 NET GENERAL AND INTANGIBLE PLANT									
29									
30 Production General & Intangible Net Plant	Prod_Labor	3,423,873	1,714,818	442,580	573,950	69,836	367,490	20,492	7,628
31 PV Unit 3 General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
32 Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
33 Bulk Power Operations	Prod_Labor	3,156,991	1,581,152	408,082	529,212	64,393	338,845	18,895	7,034
34 Energy Management System Facilities	Prod_Labor	4,695,430	2,351,666	606,945	787,103	95,772	503,969	28,103	10,461
35 Other Division Offices/Customer Service	Cust_Svc_Labor	36,184,846	28,516,205	3,752,389	1,656,698	227,950	1,025,726	80,178	38,213
36 Communications - Transmission	Trans_Labor	15,564,875	7,794,606	2,010,702	2,610,674	317,535	1,670,700	93,291	34,621
37 Production Related (Shared Services)	Prod_Labor	23,475,830	11,757,672	3,034,654	3,935,292	478,833	2,519,702	140,505	52,302
38 Transmission Related (Shared Services)	Trans_Labor	3,844,805	1,925,408	496,680	644,884	78,437	412,693	23,044	8,552
39 Distribution/Customer Related (Shared Services)	DistCust_Labor	44,877,487	30,655,567	5,849,979	3,668,087	680,714	1,588,506	44,278	140,601
40 TOTAL NET GENERAL AND INTANGIBLE PLANT		135,224,138	86,297,095	16,601,909	14,405,899	2,013,470	8,427,630	448,786	299,412
41									
42									
43									
44 TOTAL NET PLANT IN SERVICE		2,574,240,319	1,342,339,344	339,571,761	418,651,277	57,357,884	242,535,911	11,764,637	7,451,252
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
RATE BASE CONTINUED								
1 NET DISTRIBUTION PLANT								
2								
3 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0
4 Distribution Substations Net Plant - PNM	NCP_Sub	3,480,671	0	4,052,530	0	2,088,100	277,189	898,459
5 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0
6 Total Distribution Substations Net Plant		3,480,671	0	4,052,530	0	2,088,100	277,189	898,459
7								
8 Primary Distribution System Net Plant - PNM	NCP_Pri	8,850,776	0	0	0	0	704,847	2,284,633
9 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
10 Total Primary Distribution Net Plant		8,850,776	0	0	0	0	704,847	2,284,633
11								
12 Secondary Distribution System Net Plant - PNM	NCP_Sec	0	0	0	0	0	484,405	1,570,112
13 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
14 Total Secondary Distribution Net Plant		0	0	0	0	0	484,405	1,570,112
15								
16 Services Net Plant - PNM	Wtd_Services	0	0	0	0	0	0	0
17								
18 Meters Net Plant - PNM	Wtd_Meters	759,075	4,961	4,961	4,961	19,845	0	0
19								
20 Private Lighting - 371	CUST371	0	0	0	0	0	557,427	0
21 Street Lighting - 373	CUST373	0	0	0	0	0	0	11,517,791
22 Total Lighting Net Plant		0	0	0	0	0	557,427	11,517,791
23								
24 TOTAL NET DISTRIBUTION PLANT		13,090,523	4,961	4,057,491	4,961	2,107,946	2,023,868	16,270,996
25								
26								
27								
28 NET GENERAL AND INTANGIBLE PLANT								
29								
30 Production General & Intangible Net Plant	Prod_Labor	36,325	20,130	107,901	758	53,509	1,973	6,483
31 PV Unit 3 General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0
32 Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0
33 Bulk Power Operations	Prod_Labor	33,493	18,561	99,490	699	49,338	1,820	5,978
34 Energy Management System Facilities	Prod_Labor	49,815	27,606	147,973	1,040	73,382	2,706	8,890
35 Other Division Offices/Customer Service	Cust_Svc_Labor	173,406	69,610	391,983	3,317	192,598	13,354	43,221
36 Communications - Transmission	Trans_Labor	165,039	91,280	490,635	3,441	243,347	9,101	29,903
37 Production Related (Shared Services)	Prod_Labor	249,060	138,020	739,822	5,199	366,888	13,530	44,450
38 Transmission Related (Shared Services)	Trans_Labor	40,768	22,548	121,196	850	60,111	2,248	7,387
39 Distribution/Customer Related (Shared Services)	DistCust_Labor	446,450	13,514	155,338	1,547	81,650	344,062	1,207,195
40 TOTAL NET GENERAL AND INTANGIBLE PLANT		1,194,355	401,268	2,254,337	16,851	1,120,824	388,795	1,353,507
41								
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43								
44 TOTAL NET PLANT IN SERVICE		31,922,312	10,176,939	58,710,449	389,916	29,214,617	3,373,356	20,780,665
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PNM EXHIBIT SAV-4
Page 10 of 268

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

Base Period Ending 6/30/2016		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10	
		Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation	
		1	2	3	4	5	(Mines, Multi Volt)	7	
ALLOCATION	Total PNM Consolidated								
RATE BASE CONTINUED									
1 ADDITIONS & DEDUCTIONS TO RATE BASE									
2 ACCUMULATED DEFERRED INCOME TAXES & CREDITS									
3 Injury & Damages	Total_Labor	2,543,374	1,502,384	330,119	318,643	45,320	182,771	8,955	6,801
4 Palo Verde Gain 1 & 2	Net_Prod_Plant	0	0	0	0	0	0	0	0
5 Renewable NOL Allocation	Net_Prod_Plant	0	0	0	0	0	0	0	0
6 Palo Verde Construction Credits 1 & 2	Net_Prod_Plant	70,932	35,526	9,169	11,890	1,447	7,613	425	158
7 Pension Prepaid Tax Qualified	Total_Labor	(65,164,860)	(38,493,214)	(8,458,122)	(8,164,076)	(1,161,169)	(4,682,842)	(229,444)	(174,249)
8 Pension Prepaid Tax NQRP	Total_Labor	2,327,751	1,375,014	302,132	291,629	41,478	167,276	8,196	6,224
9 Eastern Interconnect Project Gain	Net_Trans_Plant	0	0	0	0	0	0	0	0
10 Line Extension Policy	Net_Dist_Plant	957,131	521,901	133,238	154,726	26,420	68,610	1,680	4,252
11 Tax Capitalized Interest	Net_Plant	19,791,478	10,320,279	2,610,722	3,218,708	440,983	1,864,684	90,450	57,287
12 Palo Verde Dry Cask Storage 1 & 2	Net_Prod_Plant	0	0	0	0	0	0	0	0
13 Palo Verde Dry Cask Storage 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
14 Contributions In Aid of Construction	Net_Dist_Plant	34,915,974	19,038,868	4,860,485	5,644,390	963,796	2,502,878	61,268	155,096
15 Coal Mine Decommissioning	Net_Prod_Plant	(2,993,731)	(1,499,385)	(386,978)	(501,844)	(61,063)	(321,322)	(17,918)	(6,670)
16 Pollution Control Facilities 4 Corners	Net_Prod_Plant	0	0	0	0	0	0	0	0
17 FERC Customer Depreciation	DFERC	0	0	0	0	0	0	0	0
18 Liberalized Depreciation - Renewables	Net_Plant	0	0	0	0	0	0	0	0
19 Liberalized Depreciation - Other	Net_Plant	(18,100,491)	(9,438,513)	(2,387,662)	(2,943,701)	(403,306)	(1,705,365)	(82,722)	(52,393)
20 Liberalized Depreciation - Generation	Net_Prod_Plant	(405,530,471)	(203,106,526)	(52,420,045)	(67,979,747)	(8,271,550)	(43,526,297)	(2,427,143)	(903,487)
21 Liberalized Depreciation - Distribution	Net_Dist_Plant	(221,581,560)	(120,823,265)	(30,845,305)	(35,820,071)	(6,116,383)	(15,883,604)	(388,818)	(984,259)
22 Liberalized Depreciation - Transmission	Net_Trans_Plant	(63,071,610)	(31,585,113)	(8,147,717)	(10,578,909)	(1,286,709)	(6,769,968)	(378,030)	(140,291)
23 Liberalized Depreciation - PV 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
24 Palo Verde Start-Up Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
25 Nuclear Fuel Amortization PV 1&2	Energy4	6,832,894	2,616,362	781,932	1,386,841	167,111	956,865	75,595	18,865
26 Nuclear Fuel Amortization PV 3	Energy4	0	0	0	0	0	0	0	0
27 Debt AFUDC	Net_Plant	(20,305,269)	(10,588,196)	(2,678,497)	(3,302,266)	(452,431)	(1,913,091)	(92,798)	(58,774)
28 Pre-1981 Repair Allowance	Net_Prod_Plant	(21,252,714)	(10,644,243)	(2,747,187)	(3,562,628)	(433,489)	(2,281,091)	(127,200)	(47,349)
29 Palo Verde Licensing Amortization	Net_Prod_Plant	(2,898,203)	(1,451,541)	(374,630)	(485,831)	(59,114)	(311,069)	(17,346)	(6,457)
30 Asset Retirement Obligation	_MDC1	6,320,518	3,185,583	821,484	1,056,829	132,163	662,343	35,924	15,078
31 Afton Writedown	Net_Prod_Plant	3,728,863	1,867,570	482,004	625,076	76,057	400,225	22,318	8,308
32 Loss on Reacquired Debt	Net_Plant	(3,097,947)	(1,615,427)	(408,655)	(503,822)	(69,027)	(291,878)	(14,158)	(8,967)
33 Book Capitalized Interest	Net_Plant	(6,687,546)	(3,487,226)	(882,164)	(1,087,602)	(149,008)	(630,077)	(30,563)	(19,357)
34 Prepaid Expenses	Prepayments	(3,606,678)	(1,813,311)	(467,740)	(603,689)	(74,694)	(381,533)	(20,927)	(8,381)
35 Net Operating Loss (NOL)	Net_Plant	143,727,468	74,946,785	18,959,298	23,374,542	3,202,461	13,541,499	656,855	416,025
36 Deferred Federal Tax Credits	Net_Plant	8,782,349	4,579,562	1,158,492	1,428,282	195,684	827,442	40,137	25,421
37 PCB Refinancing	Net_Plant	(6,021,904)	(3,140,126)	(794,358)	(979,348)	(134,177)	(567,363)	(27,521)	(17,431)
38 LVGS Decommissioning	Net_Prod_Plant	514,273	257,569	66,476	86,208	10,490	55,198	3,078	1,146
39 Renewable NM AETC	Net_Prod_Plant	0	0	0	0	0	0	0	0
40 Rate Case Expenses	NFREV	(1,483,385)	(705,900)	(214,598)	(266,715)	(46,439)	(141,280)	(9,907)	(3,737)
41 DOE Spent Fuel Settlement	Energy4	2,638,641	1,010,354	301,957	535,553	64,533	369,510	29,192	7,285
42 DOE Spent Fuel Settlement PV3	Energy4	0	0	0	0	0	0	0	0
43 50% SJGS 2&3	Net_Prod_Plant	0	0	0	0	0	0	0	0
44 Liberalized Depreciation - SJ4 132 mW	Net_Prod_Plant	2,580,134	1,292,238	333,516	432,512	52,627	276,930	15,442	5,748
45 Liberalized Depreciation - SJ4 65 mW	Net_Prod_Plant	0	0	0	0	0	0	0	0
Westmoreland Agreement Costs	Net_Prod_Plant	(1,029,174)	(515,453)	(133,034)	(172,522)	(20,992)	(110,463)	(6,160)	(2,293)
47 Liberalized Depreciation - HLM	Net_Prod_Plant	0	0	0	0	0	0	0	0
46 TOTAL ACCUMULATED DEFERRED INCOME TAXES		(607,093,765)	(316,357,443)	(80,195,668)	(98,386,943)	(13,318,982)	(57,633,401)	(2,821,139)	(1,706,400)
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf. 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
RATE BASE CONTINUED								
1 ADDITIONS & DEDUCTIONS TO RATE BASE								
2 ACCUMULATED DEFERRED INCOME TAXES & CREDITS								
3 Injury & Damages	26,153	7,955	44,972	329	22,432	0	10,359	36,181
4 Palo Verde Gain 1 & 2	0	0	0	0	0	0	0	0
5 Renewable NOL Allocation	0	0	0	0	0	0	0	0
6 Palo Verde Construction Credits 1 & 2	753	417	2,235	16	1,109	0	41	134
7 Pension Prepaid Tax Qualified	(670,082)	(203,819)	(1,152,251)	(8,421)	(574,732)	0	(265,423)	(927,016)
8 Pension Prepaid Tax NQRP	23,936	7,281	41,159	301	20,530	0	9,481	33,114
9 Eastern Interconnect Project Gain	0	0	0	0	0	0	0	0
10 Line Extension Policy	16,138	6	5,002	6	2,599	0	2,495	20,059
11 Tax Capitalized Interest	245,428	78,243	451,382	2,998	224,610	0	25,935	159,768
12 Palo Verde Dry Cask Storage 1 & 2	0	0	0	0	0	0	0	0
13 Palo Verde Dry Cask Storage 3	0	0	0	0	0	0	0	0
14 Contributions In Aid of Construction	588,711	223	182,475	223	94,799	0	91,018	731,744
15 Coal Mine Decommissioning	(31,761)	(17,601)	(94,345)	(663)	(46,787)	0	(1,725)	(5,668)
16 Pollution Control Facilities 4 Corners	0	0	0	0	0	0	0	0
17 FERC Customer Depreciation	0	0	0	0	0	0	0	0
18 Liberalized Depreciation - Renewables	0	0	0	0	0	0	0	0
19 Liberalized Depreciation - Other	(224,458)	(71,558)	(412,816)	(2,742)	(205,419)	0	(23,719)	(146,117)
20 Liberalized Depreciation - Generation	(4,302,353)	(2,384,218)	(12,779,961)	(89,809)	(6,337,762)	0	(233,728)	(767,846)
21 Liberalized Depreciation - Distribution	(3,736,041)	(1,416)	(1,158,010)	(1,416)	(601,609)	0	(577,613)	(4,643,750)
22 Liberalized Depreciation - Transmission	(668,767)	(369,881)	(1,988,140)	(13,945)	(986,085)	0	(36,880)	(121,174)
23 Liberalized Depreciation - PV 3	0	0	0	0	0	0	0	0
24 Palo Verde Start-Up Amortization	0	0	0	0	0	0	0	0
25 Nuclear Fuel Amortization PV 1&2	155,480	65,670	370,044	3,079	181,633	0	12,608	40,808
26 Nuclear Fuel Amortization PV 3	0	0	0	0	0	0	0	0
27 Debt AFUDC	(251,799)	(80,274)	(463,100)	(3,076)	(230,441)	0	(26,609)	(163,915)
28 Pre-1981 Repair Allowance	(225,474)	(124,950)	(669,762)	(4,707)	(332,144)	0	(12,249)	(40,241)
29 Palo Verde Licensing Amortization	(30,748)	(17,039)	(91,335)	(642)	(45,294)	0	(1,670)	(5,488)
30 Asset Retirement Obligation	69,870	34,516	187,351	1,303	92,966	0	4,557	20,550
31 Afton Writedown	39,560	21,923	117,512	826	58,276	0	2,149	7,060
32 Loss on Reacquired Debt	(38,417)	(12,247)	(70,655)	(469)	(35,158)	0	(4,060)	(25,008)
33 Book Capitalized Interest	(82,930)	(26,438)	(152,522)	(1,013)	(75,896)	0	(8,764)	(53,986)
34 Prepaid Expenses	(39,241)	(20,281)	(109,549)	(765)	(54,347)	0	(2,399)	(9,822)
35 Net Operating Loss (NOL)	1,782,317	568,209	3,277,978	21,770	1,631,139	0	188,344	1,160,246
36 Deferred Federal Tax Credits	108,907	34,720	200,298	1,330	99,669	0	11,509	70,896
37 PCB Refinancing	(74,676)	(23,807)	(137,341)	(912)	(68,342)	0	(7,891)	(48,612)
38 LVGS Decommissioning	5,456	3,024	16,207	114	8,037	0	296	974
39 Renewable NM AETC	0	0	0	0	0	0	0	0
40 Rate Case Expenses	(18,261)	(8,919)	(34,440)	(405)	(12,580)	0	(5,638)	(14,567)
41 DOE Spent Fuel Settlement	60,041	25,360	142,899	1,189	70,141	0	4,869	15,759
42 DOE Spent Fuel Settlement PV3	0	0	0	0	0	0	0	0
43 50% SJGS 2&3	0	0	0	0	0	0	0	0
44 Liberalized Depreciation - SJ4 132 mW	27,373	15,169	81,311	571	40,323	0	1,487	4,885
45 Liberalized Depreciation - SJ4 65 mW	0	0	0	0	0	0	0	0
Westmoreland Agreement Costs	(10,919)	(6,051)	(32,434)	(228)	(16,084)	0	(593)	(1,949)
47 Liberalized Depreciation - HLM	0	0	0	0	0	0	0	0
46 TOTAL ACCUMULATED DEFERRED INCOME TAXES	(7,255,803)	(2,505,784)	(14,225,834)	(95,159)	(7,074,418)	0	(843,810)	(4,672,981)

PNM EXHIBIT SAV-4
Page 12 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
RATE BASE CONTINUED									
1 ADDITIONS & DEDUCTIONS TO RATE BASE									
2 REGULATORY ASSETS & LIABILITIES									
3 Coal Mine Decommissioning-Surface	Net_Prod_Plant	7,534,489	3,773,585	973,930	1,263,019	153,680	808,690	45,095	16,786
4 PV 1&2 Combustion Engineering	Net_Prod_Plant	(177,632)	(88,965)	(22,961)	(29,777)	(3,623)	(19,066)	(1,063)	(396)
5 PV 1&2 DOE Spent Fuel Refund	Net_Prod_Plant	(6,713,838)	(3,362,569)	(867,850)	(1,125,452)	(136,941)	(720,608)	(40,183)	(14,958)
6 PV 3 DOE Spent Fuel Refund	Net_Prod_Plant	0	0	0	0	0	0	0	0
7 Reg Asset LVGS Decommission	Net_Prod_Plant	289,124	144,805	37,373	48,466	5,897	31,032	1,730	644
8 Reg Liab LVGS Decommission	Net_Prod_Plant	(1,591,082)	(796,880)	(205,668)	(266,716)	(32,453)	(170,774)	(9,523)	(3,545)
9 PCB Refinancing Hedge	Net_Plant	15,192,433	7,922,105	2,004,056	2,470,761	338,510	1,431,378	69,432	43,975
10 Reg Liab Renewables Fed Grant	Net_Plant	0	0	0	0	0	0	0	0
11 Reg Liab Renewables St Credit	Net_Plant	0	0	0	0	0	0	0	0
12 2015 Rate Case Expenses	NFREV	3,790,023	1,803,561	548,293	681,451	118,650	360,968	25,313	9,547
13 San Juan Units 2 & 3 50% Undepreciated Investment	Net_Prod_Plant	0	0	0	0	0	0	0	0
14									
15									
16 TOTAL REGULATORY ASSETS & LIABILITIES		18,323,517	9,395,641	2,467,173	3,041,753	443,720	1,721,621	90,801	52,055
17									
18									
19									
20									
21									
22 OTHER RATE BASE ITEMS									
23 Customer Deposits	Customer_Deposits	(12,363,018)	(8,006,014)	(1,425,280)	(2,615,953)	(315,771)	0	0	0
24 RWIP-Production	Net_Prod_Plant	0	0	0	0	0	0	0	0
25 RWIP-Transmission	Net_Trans_Plant	0	0	0	0	0	0	0	0
26 RWIP-Distribution	Net_Dist_Plant	0	0	0	0	0	0	0	0
27 RWIP-PV 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
28 ARO Liability - Production	Net_Prod_Plant	(14,889,966)	(7,457,514)	(1,924,720)	(2,496,030)	(303,709)	(1,598,166)	(89,118)	(33,174)
29 ARO Liability - Transmission	Net_Trans_Plant	0	0	0	0	0	0	0	0
30 ARO Liability - Distribution	Net_Dist_Plant	(1,141,921)	(622,663)	(158,961)	(184,599)	(31,521)	(81,856)	(2,004)	(5,072)
31 ARO Liability - PV3	Net_Prod_Plant	0	0	0	0	0	0	0	0
32 Injuries and Damages PNM	Total_Labor	(6,368,986)	(3,762,193)	(826,667)	(797,928)	(113,489)	(457,685)	(22,425)	(17,030)
33 NQRP - Expense in Excess of Funding	Total_Labor	(5,874,173)	(3,469,904)	(762,443)	(735,936)	(104,672)	(422,127)	(20,683)	(15,707)
34 PV 1&2 Dry Cask Storage	Net_Prod_Plant	0	0	0	0	0	0	0	0
35 PV 3 Dry Cask Storage	Net_Prod_Plant	0	0	0	0	0	0	0	0
36 PV 1&2 Excess Gain Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
37 High Lonesome Mesa -	Trans_3S1W	0	0	0	0	0	0	0	0
38 CWIP - Production	Net_Prod_Plant	0	0	0	0	0	0	0	0
39 CWIP - Transmission	Net_Trans_Plant	0	0	0	0	0	0	0	0
40 CWIP - Distribution	Net_Dist_Plant	0	0	0	0	0	0	0	0
41 CWIP - PV3	Net_Prod_Plant	0	0	0	0	0	0	0	0
42 CWIP - Renewables	Net_Prod_Plant	0	0	0	0	0	0	0	0
43 CWIP - Production Related	Net_Prod_Plant	0	0	0	0	0	0	0	0
44 Pueblos Transmission Rights-of-Way	Trans_3S1W	29,589,399	14,817,832	3,822,418	4,962,987	603,647	3,176,061	177,349	65,816
45 Pueblos Distribution Rights-of-Way	NCP_Subs	988,708	468,597	130,358	163,454	27,461	108,800	9,554	4,208
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Streetlighting
	8	9	10	11	12	13	14	15
et_Prod_Plant	79,935	44,297	237,443	1,669	117,751	0	4,343	14,266
et_Prod_Plant	(1,885)	(1,044)	(5,598)	(39)	(2,776)	0	(102)	(336)
et_Prod_Plant	(71,228)	(39,472)	(211,581)	(1,487)	(104,926)	0	(3,870)	(12,712)
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	3,067	1,700	9,112	64	4,519	0	167	547
et_Prod_Plant	(16,880)	(9,354)	(50,142)	(352)	(24,866)	0	(917)	(3,013)
et_Plant	188,396	60,061	346,492	2,301	172,416	0	19,909	122,642
et_Plant	0	0	0	0	0	0	0	0
et_Plant	0	0	0	0	0	0	0	0
FREV	46,657	22,787	87,994	1,036	32,142	0	14,404	37,219
et_Prod_Plant	0	0	0	0	0	0	0	0
	228,062	78,975	413,720	3,191	194,260	0	33,933	158,613
Customer_Deposits	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Dist_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	(157,971)	(87,542)	(469,245)	(3,298)	(232,705)	0	(8,582)	(28,193)
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Dist_Plant	(19,254)	(7)	(5,968)	(7)	(3,100)	0	(2,977)	(23,932)
et_Prod_Plant	0	0	0	0	0	0	0	0
total_Labor	(65,491)	(19,921)	(112,617)	(823)	(56,172)	0	(25,941)	(90,603)
total_Labor	(60,403)	(18,373)	(103,868)	(759)	(51,808)	0	(23,926)	(83,564)
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
rans_3S1W	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Dist_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
rans_3S1W	313,745	173,526	932,716	6,542	462,612	0	17,302	56,848
CP_Sub	24,589	0	28,629	0	14,752	0	1,958	6,347

PNM EXHIBIT SAV-4
Page 14 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

RATE BASE CONTINUED

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 OTHER RATE BASE ITEMS - CONTINUED									
2 Prepaid Pension Asset	Total_Labor	164,851,889	97,378,848	21,397,076	20,653,208	2,937,487	11,846,498	580,439	440,808
3 Unamortized Loss on Reacquired Debt	Net_Plant	7,816,490	4,075,914	1,031,084	1,271,204	174,163	736,442	35,722	22,625
4 Rate Case Expense	NFREV	547	260	79	98	17	52	4	1
5 Westmoreland Coal Agreement Transaction Costs	Energy4	2,637,556	1,009,938	301,833	535,333	64,506	369,358	29,180	7,282
6 TOTAL OTHER RATE BASE ITEMS		165,246,525	94,433,103	21,584,776	20,755,836	2,938,120	13,677,377	698,019	469,757
7									
8									
9									
10									
11 WORKING CAPITAL									
12									
13 Fuel Stock	Energy4	21,297,151	8,154,825	2,437,171	4,322,586	520,861	2,982,412	235,620	58,799
14 Production Fuel Stock	Energy4	54,724,880	20,954,532	6,262,521	11,107,259	1,338,396	7,663,567	605,445	151,090
15 PV 1&2 Nuclear Fuel (120.1 - .5)	Energy4	0	0	0	0	0	0	0	0
16 PV 3 Nuclear Fuel (120.1 - .5)	Energy4	0	0	0	0	0	0	0	0
17 Total Fuel Stock		76,022,031	29,109,357	8,699,692	15,429,845	1,859,257	10,645,979	841,065	209,890
18									
19 Materials & Supplies									
20 Production	Net_Prod_Plant	27,008,906	13,527,183	3,491,250	4,527,548	550,897	2,898,913	161,651	60,174
21 Transmission	Net_Trans_Plant	553,947	277,406	71,560	92,913	11,301	59,459	3,320	1,232
22 Distribution	Net_Dist_Plant	5,933,957	3,235,649	826,038	959,262	163,797	425,363	10,413	26,358
23 Palo Verde Unit 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
24 Total Materials & Supplies		33,496,809	17,040,238	4,388,847	5,579,722	725,995	3,383,736	175,384	87,764
25									
26 Prepayments									
27 Production	Net_Prod_Plant	56,272,952	28,183,835	7,274,005	9,433,128	1,147,792	6,039,875	336,800	125,371
28 Transmission	Net_Trans_Plant	5,812,317	2,910,702	750,847	974,891	118,576	623,881	34,837	12,928
29 Distribution	Net_Dist_Plant	2,816,804	1,535,938	392,114	455,354	77,753	201,917	4,943	12,512
30 Renewables	Net_Prod_Plant	0	0	0	0	0	0	0	0
31 Palo Verde Unit 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
32 Total Prepayments		64,902,073	32,630,475	8,416,966	10,863,374	1,344,121	6,865,673	376,579	150,812
33									
34 Cash Working Capital	OMXFPP	2,677,159	1,453,833	343,213	396,229	53,087	238,178	12,923	7,142
35									
36 TOTAL WORKING CAPITAL		177,098,073	80,233,903	21,848,717	32,269,171	3,982,460	21,133,565	1,405,951	455,608
37									
38 TOTAL RATE BASE ADJUSTMENTS & WORKING CAPITAL		(246,425,650)	(132,294,795)	(34,295,002)	(42,320,184)	(5,954,683)	(21,100,837)	(626,367)	(728,981)
39									
40 TOTAL NET ORIGINAL COST RATE BASE		2,327,814,669	1,210,044,548	305,276,759	376,331,093	51,403,200	221,435,074	11,138,270	6,722,271
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Streetslighting
	8	9	10	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	15
				11	12	13	14	
Net_Labor	1,695,151	515,616	2,914,925	21,304	1,453,937	0	671,458	2,345,135
Net_Plant	96,930	30,902	178,270	1,184	88,708	0	10,243	63,099
Net_PREV	7	3	13	0	5	0	2	5
Energy4	60,017	25,349	142,840	1,188	70,112	0	4,867	15,752
	1,887,320	619,553	3,505,696	25,332	1,746,339	0	644,403	2,260,894
Energy4	484,610	204,684	1,153,373	9,596	566,124	0	39,299	127,192
Energy4	1,245,248	525,954	2,963,692	24,658	1,454,706	0	100,982	326,830
Energy4	0	0	0	0	0	0	0	0
	1,729,858	730,638	4,117,065	34,254	2,020,830	0	140,280	454,022
Net_Prod_Plant	286,543	158,792	851,164	5,981	422,104	0	15,567	51,140
Net_Trans_Plant	5,874	3,249	17,461	122	8,661	0	324	1,064
Net_Dist_Plant	100,051	38	31,012	38	16,111	0	15,468	124,360
Net_Prod_Plant	0	0	0	0	0	0	0	0
	392,468	162,079	899,637	6,142	446,876	0	31,359	176,564
Net_Prod_Plant	597,011	330,843	1,773,396	12,462	879,452	0	32,433	106,549
Net_Trans_Plant	61,630	34,086	183,216	1,285	90,872	0	3,399	11,167
Net_Dist_Plant	47,494	18	14,721	18	7,648	0	7,343	59,033
Net_Prod_Plant	0	0	0	0	0	0	0	0
Net_Prod_Plant	0	0	0	0	0	0	0	0
	706,134	364,947	1,971,333	13,765	977,972	0	43,174	176,749
OMXFPP	31,980	11,588	65,263	500	32,378	0	9,022	21,823
	2,860,439	1,269,252	7,053,297	54,662	3,478,056	0	223,635	829,156
	(2,279,981)	(538,005)	(3,253,121)	(11,974)	(1,655,763)	0	58,362	(1,424,318)
	29,642,330	9,638,934	55,457,328	377,942	27,558,855	0	3,431,717	19,356,347

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

OPERATING REVENUES

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 OPERATING REVENUES								
2								
3 Sales Revenues								
4 Non-Fuel Revenue	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
5 Fuel Revenue	177,752,491	68,597,865	20,501,321	36,361,313	4,381,446	24,493,620	1,897,575	494,617
6 Total Sales Revenues	881,858,808	403,661,482	122,362,684	162,960,533	26,424,121	91,553,899	6,600,170	2,268,327
7								
8 Other Operating Revenues								
9 Sale of SO2 Credits								
10 Rent For Electric Property Transmission	Net_Prod_Plant 0	0	0	0	0	0	0	0
11 Rent for Electric Property - Distribution	Trans_3S1W (262,213)	(131,312)	(33,873)	(43,981)	(5,349)	(28,145)	(1,572)	(583)
12 Late Payment Charges	Net_Dist_Plant (3,712,879)	(2,024,546)	(516,852)	(600,210)	(102,488)	(266,150)	(6,515)	(16,493)
13 Misc Service Charge Revenue	Trans_3S1W (957,188)	(479,343)	(123,652)	(160,548)	(19,527)	(102,743)	(5,737)	(2,129)
14 Other Retail Revenue - Transmission	Trans_3S1W (1,549,448)	(775,935)	(200,161)	(259,887)	(31,610)	(166,314)	(9,287)	(3,446)
15 Other Retail Revenue - Distribution	Trans_3S1W (42,287)	(21,177)	(5,463)	(7,093)	(863)	(4,539)	(253)	(94)
16 Generation Ancillary Services Credit Sch 2-5	Net_Prod_Plant (299,227)	(163,162)	(41,654)	(48,372)	(8,260)	(21,449)	(525)	(1,329)
17 Real Power Losses (Financial)	Net_Prod_Plant (1,543,098)	(772,848)	(199,465)	(258,672)	(31,474)	(165,623)	(9,236)	(3,438)
18 Transmission redispatch contract revenues	Trans_3S1W (288,394)	(144,423)	(37,255)	(48,372)	(5,883)	(30,956)	(1,729)	(641)
19 Ancillary Services-Sch 1 and Non-Firm	Trans_3S1W (181,440)	(90,862)	(23,439)	(30,433)	(3,702)	(19,475)	(1,087)	(404)
20 Short Term Firm Transmission	Trans_3S1W (453,332)	(227,020)	(58,562)	(76,037)	(9,248)	(48,660)	(2,717)	(1,008)
21 Ancillary Services-Sch 1 ST PTP and Other	Trans_3S1W (326,794)	(163,652)	(42,216)	(54,813)	(6,667)	(35,077)	(1,959)	(727)
22 Economy Service Customer Revenue Credits	Trans_3S1W (163,189)	(81,722)	(21,081)	(27,371)	(3,329)	(17,516)	(978)	(363)
23 Co 7 Revenue	Energy3 (4,558,971)	(1,775,691)	(530,430)	(938,756)	(113,317)	(631,056)	(46,230)	(12,803)
24 Total Other Operating Revenues	Net_Plant (105,620)	(55,075)	(13,932)	(17,177)	(2,353)	(9,951)	(483)	(306)
25	(14,444,080)	(6,906,767)	(1,848,035)	(2,571,720)	(344,071)	(1,547,655)	(88,307)	(43,765)
26 TOTAL OPERATING REVENUES	867,414,729	396,754,714	120,514,649	160,388,813	26,080,051	90,006,244	6,511,863	2,224,562

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

OPERATING REVENUES

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
1 OPERATING REVENUES								
2								
3 Sales Revenues								
4 Non-Fuel Revenue	8,667,799	4,233,413	16,347,349	192,474	5,971,336	0	2,676,031	6,914,456
5 Fuel Revenue	3,979,951	1,646,101	9,337,675	77,173	4,583,327	0	330,579	1,069,928
6 Total Sales Revenues	12,647,750	5,879,513	25,685,024	269,648	10,554,663	0	3,006,610	7,984,384
7								
8 Other Operating Revenues								
9 Sale of SO2 Credits	Net_Prod_Plant 0	0	0	0	0	0	0	0
10 Rent For Electric Property Transmission	Trans_3S1W (2,780)	(1,538)	(8,265)	(58)	(4,100)	0	(153)	(504)
11 Rent for Electric Property - Distribution	Net_Dist_Plant (62,602)	(24)	(19,404)	(24)	(10,081)	0	(9,679)	(77,812)
12 Late Payment Charges	Trans_3S1W (10,149)	(5,613)	(30,172)	(212)	(14,965)	0	(560)	(1,839)
13 Misc Service Charge Revenue	Trans_3S1W (16,429)	(9,087)	(48,842)	(343)	(24,225)	0	(906)	(2,977)
14 Other Retail Revenue - Transmission	Trans_3S1W (448)	(248)	(1,333)	(9)	(661)	0	(25)	(81)
15 Other Retail Revenue - Distribution	Net_Dist_Plant (5,045)	(2)	(1,564)	(2)	(812)	0	(780)	(8,271)
16 Generation Ancillary Services Credit Sch 2-5	Net_Prod_Plant (16,371)	(9,072)	(48,629)	(342)	(24,116)	0	(889)	(2,922)
17 Real Power Losses (Financial)	Trans_3S1W (3,058)	(1,691)	(9,091)	(64)	(4,509)	0	(169)	(554)
18 Transmission redispatch contract revenues	Trans_3S1W (1,924)	(1,064)	(5,719)	(40)	(2,837)	0	(106)	(349)
19 Ancillary Services-Sch 1 and Non-Firm	Trans_3S1W (4,807)	(2,659)	(14,290)	(100)	(7,088)	0	(265)	(871)
20 Short Term Firm Transmission	Trans_3S1W (3,465)	(1,916)	(10,301)	(72)	(5,109)	0	(191)	(628)
21 Ancillary Services-Sch 1 ST PTP and Other	Trans_3S1W (1,730)	(957)	(5,144)	(36)	(2,551)	0	(95)	(314)
22 Economy Service Customer Revenue Credits	Energy3 (95,970)	(39,018)	(226,298)	(2,090)	(111,077)	0	(8,553)	(27,683)
23 Co 7 Revenue	Net_Plant (1,310)	(418)	(2,409)	(16)	(1,199)	0	(138)	(853)
24 Total Other Operating Revenues	(226,090)	(73,306)	(431,462)	(3,407)	(213,329)	0	(22,510)	(123,656)
25								
26 TOTAL OPERATING REVENUES	12,421,660	5,806,207	25,253,562	266,241	10,341,335	0	2,984,100	7,860,728
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
OPERATION & MAINTENANCE EXPENSE									
1 OPERATION AND MAINTENANCE EXPENSE									
2 PRODUCTION OPERATION & MAINTENANCE EXPENSE									
3									
4 <u>Production - FPPCAC Fuel Related</u>									
5 Steam Generation	Energy4	134,544,967	51,518,191	15,396,849	27,307,979	3,290,542	18,841,418	1,488,530	371,466
6 Steam Fuel Handling and Disposal	Energy4	10,842,745	4,151,761	1,240,805	2,200,703	265,179	1,518,397	119,958	29,936
7 Nuclear	Energy4	15,463,968	5,921,259	1,769,642	3,138,651	378,199	2,165,544	171,085	42,695
8 Nuclear Disposal	Energy4	654,129	250,471	74,856	132,766	15,998	91,603	7,237	1,806
9 Gas Generation	Energy4	22,612,554	8,658,502	2,587,701	4,589,567	553,031	3,166,618	250,173	62,431
10 Renewables - Owned	Energy4	0	0	0	0	0	0	0	0
11 Wind (NMWEC)	Energy4	0	0	0	0	0	0	0	0
12 Renewables - PPA	Energy4	0	0	0	0	0	0	0	0
13 Purchased Power Energy	Energy4	14,128,524	5,409,909	1,616,818	2,867,602	345,539	1,978,531	156,310	39,008
14 Spinning reserves	Energy4	634,921	243,116	72,658	128,867	15,528	88,913	7,024	1,753
15 Tri State Hazard Sharing	Energy4	1,497,913	573,561	171,416	304,025	36,634	209,765	16,572	4,136
16 Total Fuel Costs (before OSS)		200,379,722	76,726,769	22,930,745	40,670,159	4,900,651	28,060,790	2,216,888	553,230
17									
18 Off-system Sales	Energy4	(15,760,587)	(6,034,837)	(1,803,586)	(3,198,854)	(385,454)	(2,207,082)	(174,366)	(43,514)
19 Off-system Sales - PV 3	Energy4	0	0	0	0	0	0	0	0
20 Off-system Sales - 65 MW	Energy4	0	0	0	0	0	0	0	0
21 Tri State Hazard Sharing	Energy4	(1,459,265)	(558,763)	(166,993)	(296,180)	(35,689)	(204,353)	(16,144)	(4,029)
22 Off-system Sales Credit	Energy4	0	0	0	0	0	0	0	0
23 Refined Coal Credit	Energy4	(4,589,350)	(1,757,294)	(525,189)	(931,479)	(112,241)	(642,684)	(50,774)	(12,671)
24 DOE Spent Fuel Credit	Energy4	0	0	0	0	0	0	0	0
25 Load Side from Transmission Customers	Energy4	(738,636)	(282,829)	(84,527)	(149,918)	(18,065)	(103,437)	(8,172)	(2,039)
26 Physical Sales of Gas (under FAC hedge plan)	Energy4	(79,393)	(30,400)	(9,085)	(16,114)	(1,942)	(11,118)	(878)	(219)
27 Total Other Fuel		(22,627,231)	(8,664,122)	(2,589,380)	(4,592,546)	(553,390)	(3,168,674)	(250,335)	(62,472)
28									
29 Total Fuel (net OSS)		177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
30									
31 <u>Production - Non Fuel Items</u>									
32 Coal Fuel Handling	Energy4	0	0	0	0	0	0	0	0
33 Nuclear Fuel Handling	Energy4	0	0	0	0	0	0	0	0
34 Gas Plants Fuel Transportation	Energy4	10,584,032	4,052,698	1,211,199	2,148,193	258,852	1,482,167	117,096	29,222
35 Gas PPA - Valencia - Demand	Energy4	20,265,941	7,759,968	2,319,162	4,113,286	495,640	2,838,003	224,211	55,952
36 Purchase Power for Economy Service Customer	Energy4	0	0	0	0	0	0	0	0
37 Purchased power for Rate 36B	Energy4	0	0	0	0	0	0	0	0
38 Deferred Energy	Energy4	0	0	0	0	0	0	0	0
39 REC Purchases and Renewable Energy Amortization	Energy4	0	0	0	0	0	0	0	0
40 Gas Swaps - Non Fuel Clause Settlements and Excess Gas Physical Purchases	Energy4	0	0	0	0	0	0	0	0
41 Coal Mine Decommissioning - Allowed	Energy4	7,255,813	2,778,301	830,330	1,472,679	177,454	1,016,090	80,274	20,033
42 Coal Mine Decommissioning - Disallowed	Energy4	0	0	0	0	0	0	0	0
43 Coal Mine Decommissioning - FERC	DFERC	0	0	0	0	0	0	0	0
44 Hedge - FERC	DFERC	0	0	0	0	0	0	0	0
45 Spinning reserves	Energy4	0	0	0	0	0	0	0	0
46 Broker Fees	Energy4	228,314	87,423	26,127	46,340	5,584	31,973	2,526	630
47 Total Non Fuel Items		38,334,100	14,678,390	4,366,819	7,780,498	937,530	5,368,233	424,107	105,837
48									
49 Total Fuel Related Expense		216,086,591	82,741,037	24,728,184	43,858,111	5,284,791	30,260,349	2,390,660	596,595
50									

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Streetlighting
	8	9	10	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	15
nergy4	3,061,529	1,293,094	7,286,446	60,623	3,576,497	0	248,270	803,534
nergy4	246,723	104,208	587,202	4,886	288,224	0	20,008	64,755
nergy4	351,878	148,622	837,470	6,968	411,066	0	28,535	92,354
nergy4	14,885	6,287	35,425	295	17,388	0	1,207	3,907
nergy4	514,542	217,326	1,224,610	10,189	601,091	0	41,726	135,048
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	321,490	135,787	765,147	6,366	375,567	0	26,071	84,379
nergy4	14,447	6,102	34,385	286	16,878	0	1,172	3,792
nergy4	34,085	14,396	81,121	675	39,818	0	2,764	8,946
	4,559,578	1,925,823	10,851,807	90,287	5,326,527	0	369,752	1,196,715
nergy4	(358,627)	(151,473)	(853,534)	(7,101)	(418,951)	0	(29,082)	(94,126)
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	(33,205)	(14,025)	(79,028)	(658)	(38,790)	0	(2,693)	(8,715)
nergy4	0	0	0	0	0	0	0	0
nergy4	(104,429)	(44,108)	(248,542)	(2,068)	(121,995)	0	(8,469)	(27,409)
nergy4	0	0	0	0	0	0	0	0
nergy4	(16,807)	(7,099)	(40,002)	(333)	(19,635)	0	(1,363)	(4,411)
nergy4	(1,807)	(763)	(4,300)	(36)	(2,110)	0	(147)	(474)
	(514,876)	(217,467)	(1,225,405)	(10,195)	(601,481)	0	(41,753)	(135,135)
	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	240,836	101,722	573,191	4,769	281,346	0	19,530	63,210
nergy4	461,145	194,773	1,097,527	9,131	538,713	0	37,396	121,033
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	165,104	69,735	392,947	3,269	192,875	0	13,389	43,333
nergy4	0	0	0	0	0	0	0	0
FERC	0	0	0	0	0	0	0	0
FERC	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	5,195	2,194	12,365	103	6,069	0	421	1,364
	872,280	368,424	2,076,030	17,273	1,019,003	0	70,736	228,940
	4,916,983	2,076,779	11,702,432	97,365	5,744,050	0	398,736	1,290,520

PNM EXHIBIT SAV-4
Page 20 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

OPERATION & MAINTENANCE EXPENSE CONTINUED

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 PRODUCTION OPERATION & MAINTENANCE EXP CONTINUED								
2 Non-fuel Production Expense								
3 Steam Production								
4 500.0 -Oper-Sup & Eng-Prod	Net_Prod_Plant 4,538,411	2,273,025	586,648	760,781	92,569	487,116	27,163	10,111
5 502.0 -Oper-Steam Expense-Major	Net_Prod_Plant 9,421,585	4,718,722	1,217,861	1,579,356	192,171	1,011,235	56,389	20,990
6 503.0 -Oper - Steam from Other Sources	Net_Prod_Plant 0	0	0	0	0	0	0	0
7 505.0 -Oper-Electric Exp-Major	Net_Prod_Plant 4,834,991	2,421,565	624,985	810,498	98,619	518,948	28,938	10,772
8 506.0 -Oper-Misc Steam Power Exp	Net_Prod_Plant 2,962,921	1,483,954	382,996	496,679	60,434	318,015	17,733	6,601
9 507.0 -Oper-Rents-Steam Power	Net_Prod_Plant 153,725	76,992	19,871	25,769	3,136	16,500	920	342
10 510.0 -Maint-Sup & Eng-Steam	AVGDEMAND 3,409,618	1,337,906	399,656	707,311	85,379	464,211	33,348	9,647
11 511.0 -Maint-Structures-Steam	Net_Prod_Plant 5,841,484	2,925,658	755,087	979,218	119,148	626,977	34,962	13,014
12 512.0 -Maint-Boiler Plant	AVGDEMAND 18,349,326	7,200,126	2,150,802	3,806,494	459,481	2,498,215	179,468	51,916
13 513.0 -Maint-Electric Plant	AVGDEMAND 5,753,875	2,257,774	674,436	1,193,618	144,082	783,376	56,276	16,279
14 514.0 -Maint-Gen & Elec Plant	Net_Prod_Plant 4,584,609	2,296,163	592,620	768,526	93,512	492,074	27,439	10,214
15 SJ Unit 4 65MW - Steam Production	Net_Prod_Plant 0	0	0	0	0	0	0	0
16 Total Steam Production	59,850,544	26,991,883	7,404,962	11,128,250	1,348,531	7,216,666	462,637	149,888
17								
18 Nuclear Production								
19 517.0 -Oper-Sup & Eng-Nuclear	Net_Prod_Plant 6,096,675	3,053,468	788,074	1,021,996	124,353	654,367	36,489	13,583
20 519.0 -Oper-Coolants and Water	Net_Prod_Plant 2,943,852	1,474,403	380,531	493,483	60,045	315,969	17,619	6,559
21 520.0 -Oper-Steam Expenses-Nuclear	Net_Prod_Plant 2,419,110	1,211,591	312,701	405,519	49,342	259,647	14,479	5,390
22 523.0 -Oper-Electric Exp	Net_Prod_Plant 1,835,885	919,488	237,312	307,753	37,446	197,049	10,988	4,090
23 524.0 -Oper-Misc Nuclear Power, excl PV 1&2 Decom and CE Credit	Net_Prod_Plant 9,922,458	4,969,580	1,282,606	1,663,318	202,387	1,064,995	59,387	22,106
24 524.0 -Oper-Misc Nuclear Power - PV 1&2 Decom and CE Credit	Net_Prod_Plant (5,147,011)	(2,577,837)	(665,318)	(862,802)	(104,983)	(552,438)	(30,805)	(11,467)
25 525.0 -Oper-Rents-Nuclear, excl PV 1&2 CE Cr and Excess Gain Amort	Net_Prod_Plant 18,782,849	9,407,232	2,427,925	3,148,600	383,111	2,015,996	112,417	41,847
26 525.0 -Oper-Rents-Nuclear - PV 1&2 CE Credit	Net_Prod_Plant (73,263)	(36,693)	(9,470)	(12,281)	(1,494)	(7,863)	(438)	(163)
27 525.0 -Oper-Rents-Nuclear - PV 1&2 Excess Gain Amortization	Net_Prod_Plant 0	0	0	0	0	0	0	0
28 528.0 -Maint-Sup & Eng-Nuclear	Net_Prod_Plant 1,245,158	623,627	160,953	208,728	25,397	133,645	7,452	2,774
29 529.0 -Maint-Structures-Major	Net_Prod_Plant 505,318	253,084	65,319	84,707	10,307	54,237	3,024	1,126
30 530.0 -Maint-Reactor Plant	AVGDEMAND 3,383,172	1,327,529	396,556	701,825	84,717	460,610	33,090	9,572
31 531.0 -Maint-Elec Plant	AVGDEMAND 3,604,379	1,414,329	422,485	747,714	90,256	490,727	35,253	10,198
32 532.0 -Maint-Misc Nuclear Plant	Net_Prod_Plant 736,118	368,679	95,153	123,397	15,015	79,009	4,406	1,640
33 517,519-532.0 -Palo Verde 3 - Nuclear Production, FERC 517,519-532	Net_Prod_Plant 0	0	0	0	0	0	0	0
34 Total Nuclear Production	46,254,700	22,408,479	5,894,826	8,031,957	975,900	5,165,950	303,361	107,254
35								
36 Other Production								
37 546.0 -Oper-Sup & Eng-Other	Net_Prod_Plant 3,926,473	1,966,541	507,547	658,201	80,088	421,435	23,500	8,748
38 549.0 -Oper-Oth Pwr Gen Exp-Other	Net_Prod_Plant 325,759	163,154	42,109	54,608	6,644	34,964	1,950	726
39 549.0 -Oper-Oth Pwr Gen Exp-Other - Renewables	Net_Prod_Plant 0	0	0	0	0	0	0	0
40 552.0 -Maint - Structures	Net_Prod_Plant 887,114	444,304	114,671	148,708	18,094	95,216	5,309	1,976
41 553.0 -Maint-Gen & Elec Plant	Net_Prod_Plant 7,782,296	3,897,698	1,005,962	1,304,559	158,734	835,288	46,578	17,338
42 553.0 -Maint-Gen & Elec Plant - Renewables	Net_Prod_Plant 0	0	0	0	0	0	0	0
43 556.0 -Maint-Gen & Elec Plant	Net_Prod_Plant 3,529,264	1,767,602	456,203	591,616	71,986	378,802	21,123	7,863
44 Total Other Production	16,450,906	8,239,298	2,126,492	2,757,693	335,547	1,765,705	98,460	36,651
45								
46 TOTAL NON-FUEL PRODUCTION EXPENSE	122,556,150	57,639,660	15,426,280	21,917,900	2,659,978	14,148,320	864,458	293,793
47								
48 TOTAL PRODUCTION O&M EXPENSE	338,642,741	140,380,698	40,154,464	65,776,011	7,944,769	44,408,670	3,255,118	890,388
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PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
ALLOCATION	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Water & Sewage	Universities 115 kV	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
			10	11	12	13	14	15
et_Prod_Plant	48,149	26,682	143,024	1,005	70,928	0	2,616	8,593
et_Prod_Plant	99,955	55,392	296,914	2,087	147,244	0	5,430	17,839
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	51,295	28,426	152,371	1,071	75,563	0	2,787	9,155
et_Prod_Plant	31,434	17,420	93,374	656	46,305	0	1,708	5,610
et_Prod_Plant	1,631	904	4,845	34	2,402	0	89	291
VGDEMAND	70,597	28,106	164,101	1,505	80,548	0	6,444	20,858
et_Prod_Plant	61,973	34,344	184,090	1,294	91,293	0	3,367	11,060
VGDEMAND	379,926	151,255	883,133	8,100	433,479	0	34,681	112,249
VGDEMAND	119,135	47,430	276,928	2,540	135,928	0	10,875	35,198
et_Prod_Plant	48,639	26,954	144,480	1,015	71,650	0	2,642	8,681
et_Prod_Plant	0	0	0	0	0	0	0	0
	912,735	416,912	2,343,260	19,307	1,155,340	0	70,639	229,535
et_Prod_Plant	64,681	35,844	192,132	1,350	95,281	0	3,514	11,544
et_Prod_Plant	31,232	17,308	92,773	652	46,007	0	1,697	5,574
et_Prod_Plant	25,665	14,223	76,236	536	37,807	0	1,394	4,580
et_Prod_Plant	19,477	10,794	57,856	407	28,692	0	1,058	3,476
et_Prod_Plant	105,269	58,337	312,698	2,197	155,071	0	5,719	18,788
et_Prod_Plant	(54,606)	(30,261)	(162,204)	(1,140)	(80,439)	0	(2,966)	(9,746)
et_Prod_Plant	199,271	110,429	591,926	4,160	293,544	0	10,825	35,564
et_Prod_Plant	(777)	(431)	(2,309)	(16)	(1,145)	0	(42)	(139)
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	13,210	7,321	39,240	276	19,460	0	718	2,358
et_Prod_Plant	5,361	2,971	15,925	112	7,897	0	291	957
VGDEMAND	70,049	27,888	162,828	1,493	79,923	0	6,394	20,696
VGDEMAND	74,629	29,711	173,475	1,591	85,149	0	6,812	22,049
et_Prod_Plant	7,810	4,328	23,198	163	11,504	0	424	1,394
et_Prod_Plant	0	0	0	0	0	0	0	0
	561,271	288,461	1,573,775	11,781	778,752	0	35,839	117,095
et_Prod_Plant	41,657	23,085	123,740	870	61,364	0	2,263	7,435
et_Prod_Plant	3,456	1,915	10,266	72	5,091	0	188	617
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	9,412	5,216	27,957	196	13,864	0	511	1,680
et_Prod_Plant	82,564	45,754	245,253	1,723	121,624	0	4,485	14,735
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	37,443	20,749	111,222	782	55,156	0	2,034	6,682
	174,531	96,719	518,437	3,643	257,100	0	9,481	31,149
	1,648,537	802,092	4,435,472	34,731	2,191,191	0	115,959	377,779
	6,565,520	2,878,872	16,137,904	132,096	7,935,241	0	514,694	1,668,299

PNM EXHIBIT SAV-4
Page 22 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

		Residential	Small Power	General Power	General Power	Large Power	Mines	
ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
et_Trans_Plant	1,128,046	564,905	145,723	189,206	23,013	121,082	6,761	2,509
et_Trans_Plant	536,416	268,627	69,295	89,972	10,943	57,578	3,215	1,193
et_Trans_Plant	313,404	156,947	40,486	52,567	6,394	33,640	1,878	697
et_Trans_Plant	61,315	30,705	7,921	10,284	1,251	6,581	368	136
et_Trans_Plant	1,951,938	977,495	252,155	327,396	39,821	209,517	11,699	4,342
et_Trans_Plant	6,352,302	3,181,117	820,603	1,065,462	129,592	681,842	38,074	14,130
et_Trans_Plant	3,175	1,590	410	533	65	341	19	7
et_Trans_Plant	122	61	16	21	2	13	1	0
et_Trans_Plant	1,914,896	958,945	247,370	321,183	39,065	205,541	11,477	4,259
et_Trans_Plant	175,034	87,654	22,611	29,358	3,571	18,788	1,049	389
et_Trans_Plant	108	54	14	18	2	12	1	0
et_Trans_Plant	5,692	2,851	735	955	116	611	34	13
et_Trans_Plant	0	0	0	0	0	0	0	0
	12,442,450	6,230,952	1,607,341	2,086,954	253,836	1,335,545	74,576	27,676
et_Trans_Plant	8,100,488	4,056,577	1,046,437	1,358,683	165,256	869,489	48,552	18,018
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Trans_Plant	1,475,074	738,690	190,553	247,412	30,093	158,331	8,841	3,281
FERC	0	0	0	0	0	0	0	0
et_Trans_Plant	3,012,917	1,508,814	389,215	505,352	61,466	323,400	18,058	6,702
et_Trans_Plant	3,576,391	1,790,991	462,005	599,863	72,961	383,882	21,436	7,955
	16,164,869	8,095,072	2,088,210	2,711,310	329,776	1,735,102	96,887	35,956
	28,607,319	14,326,024	3,695,551	4,798,264	583,611	3,070,647	171,462	63,632
Lights	80,278	0	0	0	0	0	0	0
Lights	998,002	0	0	0	0	0	0	0
	1,078,281	0	0	0	0	0	0	0
PLT370	3,199,733	2,013,661	683,232	253,236	70,685	89,066	810	24,269
PLT370	259,945	163,589	55,505	20,573	5,742	7,236	66	1,972
	3,459,677	2,177,249	738,737	273,808	76,427	96,302	875	26,241

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Lg Power Service	Special Service Rate	Schedule 6	Schedule 20
	Water & Sewage 8	Industrial Power Universities 115 kV 9	Industrial Power (Manuf, 12.5 kV) 10	Large Service for Station Power 11	>= 3,000 kV 12	Renew. Energy Res. 13	Private Area Lighting 14	Streetlighting 15
et_Trans_Plant	11,961	6,615	35,558	249	17,636	0	660	2,167
et_Trans_Plant	5,688	3,146	16,909	119	8,387	0	314	1,031
et_Trans_Plant	3,323	1,838	9,879	69	4,900	0	183	602
et_Trans_Plant	650	360	1,933	14	959	0	36	118
et_Trans_Plant	20,697	11,447	61,529	432	30,517	0	1,141	3,750
et_Trans_Plant	67,355	37,253	200,237	1,405	99,314	0	3,714	12,204
et_Trans_Plant	34	19	100	1	50	0	2	6
et_Trans_Plant	1	1	4	0	2	0	0	0
et_Trans_Plant	20,304	11,230	60,361	423	29,938	0	1,120	3,679
et_Trans_Plant	1,856	1,026	5,517	39	2,737	0	102	336
et_Trans_Plant	1	1	3	0	2	0	0	0
et_Trans_Plant	60	33	179	1	89	0	3	11
et_Trans_Plant	0	0	0	0	0	0	0	0
	131,931	72,968	392,210	2,751	194,530	0	7,275	23,905
et_Trans_Plant	85,892	47,505	255,343	1,791	126,646	0	4,737	15,563
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Trans_Plant	15,641	8,651	46,497	326	23,062	0	863	2,834
FERC	0	0	0	0	0	0	0	0
et_Trans_Plant	31,947	17,669	94,973	666	47,105	0	1,762	5,788
et_Trans_Plant	37,922	20,974	112,735	791	55,915	0	2,091	6,871
	171,401	94,798	509,548	3,574	252,728	0	9,452	31,056
	303,332	167,766	901,759	6,325	447,257	0	16,727	54,961
Lights	0	0	0	0	0	0	18,949	61,329
Lights	0	0	0	0	0	0	235,567	762,435
	0	0	0	0	0	0	254,516	823,764
PLT370	61,941	405	405	405	1,619	0	0	0
PLT370	5,032	33	33	33	132	0	0	0
	66,973	438	438	438	1,751	0	0	0

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
OPERATION & MAINTENANCE EXPENSE CONTINUED									
1 DISTRIBUTION O&M EXPENSE (580-598) CONTINUED									
2									
3 All Other Distribution O&M									
4 580.0 -Oper-Sup & Eng-EDist	_EXP58189	2,613,775	1,504,198	471,515	327,128	67,266	127,762	1,097	16,185
5 582.0 -Oper-Station Exp-EDist	Net_Dist_Subs	154,647	73,295	20,390	25,566	4,295	17,018	1,494	658
6 583.0 -Oper-Overhead Lines-EDist	Net_Dist_Pri_Sec	1,923,737	1,022,709	284,505	356,737	59,934	140,734	0	9,184
7 584.0 -Oper-Undergrd Line-EDist	Net_Dist_Pri_Sec	509,717	270,979	75,383	94,522	15,880	37,289	0	2,433
8 588.0 -Oper-Misc Dist Exp-EDist	Net_Dist_Plant	5,997,940	3,270,537	834,944	969,605	165,563	429,950	10,525	26,643
9 589.0 -Oper-Rents-Distribution-E	Net_Dist_Plant	119,568	65,198	16,644	19,329	3,300	8,571	210	531
10 590.0 -Maint-Sup & Eng-EDist	_EXP59198	786,455	355,701	99,366	118,427	20,175	52,528	1,283	3,225
11 591.0 -Maint-Structures-EDist	Net_Dist_Plant	40,925	22,315	5,697	6,616	1,130	2,934	72	182
12 592.0 -Maint-Station Equip-EDist	Net_Dist_Subs	1,097,302	520,065	144,676	181,407	30,477	120,749	10,604	4,670
13 593.0 -Maint-Overhead Lns-EDist	Net_Dist_Pri_Sec	2,927,227	1,556,191	432,913	542,824	91,197	214,147	0	13,975
14 594.0 -Maint-Und Lines-EDist	Net_Dist_Pri_Sec	1,293,526	687,672	191,302	239,871	40,300	94,630	0	6,175
15 598.0 -Maint-Misc Dist Plant-E	Net_Dist_Plant	461,279	251,524	64,212	74,569	12,733	33,066	809	2,049
16 Total Other Distribution O&M		17,926,098	9,600,384	2,641,547	2,956,600	512,251	1,279,377	26,095	85,910
17									
18 TOTAL DISTRIBUTION O&M EXPENSE (580-598)		22,464,056	11,777,634	3,380,284	3,230,408	588,677	1,375,679	26,970	112,151
19									
20 CUSTOMER RELATED O&M EXPENSE									
21									
22 PNM Related Customer Accounts Exp									
23 901.0 -Supervision-Customer Accts	CUSTEXP	(170,012)	(133,982)	(17,630)	(7,784)	(1,071)	(4,819)	(377)	(180)
24 902.0 -Meter Reading Expenses	CUST902	4,664,474	4,148,402	471,189	30,268	8,211	1,978	18	2,938
25 903.0 -Customer Record and Coll	CUST903	7,400,132	6,581,391	747,536	48,020	13,026	3,138	29	4,661
26 904.0 -Uncollectible Expenses	_EXP904	3,426,521	3,074,112	82,667	151,681	18,309	99,752	0	0
27 905.0 -Misc Customer Accts Exp	CUSTEXP	(4)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
28 906.0 -Cust Service/Inf Expenses	CUSTEXP	276,733	218,085	28,697	12,670	1,743	7,845	613	292
29 908.0 -Customer Assistance Exps	CUSTEXP	606,243	477,762	62,868	27,756	3,819	17,185	1,343	640
30 909.0 -Inform/Instruc Advert Exps	CUSTEXP	348	275	36	16	2	10	1	0
31 912.0 -Demo & Selling Expenses - Excluding Production	CUSTEXP	39,931	31,469	4,141	1,828	252	1,132	88	42
32 912.0 -Demo & Selling Expenses - Production	CUSTEXP	3,581,727	2,822,653	371,427	163,987	22,563	101,531	7,936	3,782
33 TOTAL CUSTOMER RELATED O&M EXPENSE		19,826,093	17,220,163	1,750,930	428,442	66,855	227,750	9,652	12,176
34									
35 TOTAL OPERATION & MAINTENANCE EXPENSE EXCLUDING A&G		409,540,209	183,704,519	48,961,229	74,233,125	9,183,912	49,082,746	3,463,203	1,078,348
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Streetlighting
	8	9	10	11	12	13	14	15
EXP58189	47,161	177	2,404	177	1,856	0	10,901	35,948
et_Dist_Subs	3,846	0	4,478	0	2,307	0	306	993
et_Dist_Pri_Sec	31,807	0	0	0	0	0	4,274	13,853
et_Dist_Pri_Sec	8,428	0	0	0	0	0	1,132	3,670
et_Dist_Plant	101,130	38	31,346	38	16,285	0	15,635	125,701
et_Dist_Plant	2,016	1	625	1	325	0	312	2,506
EXP59198	12,286	4	3,826	4	1,985	0	27,603	90,043
et_Dist_Plant	690	0	214	0	111	0	107	858
et_Dist_Subs	27,290	0	31,774	0	16,372	0	2,173	7,044
et_Dist_Pri_Sec	48,399	0	0	0	0	0	6,503	21,079
et_Dist_Pri_Sec	21,387	0	0	0	0	0	2,874	9,315
et_Dist_Plant	7,778	3	2,411	3	1,252	0	1,202	9,667
	312,217	223	77,077	223	40,493	0	73,023	320,676
	379,191	661	77,515	661	42,244	0	327,539	1,144,441
USTEXP	(815)	(327)	(1,842)	(16)	(905)	0	(63)	(203)
UST902	1,407	9	9	9	36	0	0	0
UST903	2,232	14	14	14	57	0	0	0
EXP904	0	0	0	0	0	0	0	0
USTEXP	(0)	(0)	(0)	(0)	(0)	0	(0)	(0)
USTEXP	1,326	532	2,998	25	1,473	0	102	331
USTEXP	2,905	1,166	6,567	56	3,227	0	224	724
USTEXP	2	1	4	0	2	0	0	0
USTEXP	191	77	433	4	213	0	15	48
USTEXP	17,164	6,890	38,800	328	19,064	0	1,322	4,278
	24,413	8,363	46,983	421	23,167	0	1,600	5,178
	7,272,455	3,055,662	17,164,160	139,503	8,447,909	0	860,560	2,872,878

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

Base Period Ending 6/30/2016		Residential	Small Power	General Power	General Power	Large Power	Mines			
	ALLOCATION	Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5			
	Total	Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Schedule 10		
	PNM	1	2	3	4	5	(Mines, Multi Volt)	Irrigation		
	Consolidated							7		
OPERATION & MAINTENANCE EXPENSE CONTINUED										
1	ADMINISTRATIVE & GENERAL EXPENSE									
2	920.0 -Production - Admin and General Salaries	Prod_Labor	(2,269,161)	(1,136,490)	(293,318)	(380,383)	(46,284)	(243,553)	(13,581)	(5,055)
3	920.0 -Transmission - Admin and General Salaries	Trans_Labor	263,426	131,919	34,030	44,184	5,374	28,276	1,579	586
4	920.0 -Distrubtion - Admin and General Salaries	Dist_Labor	2,486,808	1,322,277	385,633	339,005	63,573	144,585	3,078	12,902
5	921.0 -Production - AG Office Supplies Exp	Prod_Labor	(548,820)	(274,872)	(70,942)	(92,000)	(11,194)	(58,906)	(3,285)	(1,223)
6	921.0 -Transmission - AG Office Supplies Exp	Trans_Labor	139,932	70,075	18,077	23,471	2,855	15,020	839	311
7	921.0 -Distribution - AG Office Supplies Exp	Dist_Labor	1,274,951	677,913	197,709	173,803	32,593	74,127	1,578	6,615
8	922.0 -A&G Charged to CWIP - Production	Prod_Labor	(1,954,854)	(979,072)	(252,690)	(327,695)	(39,873)	(209,818)	(11,700)	(4,355)
9	922.0 -A&G Charged to CWIP - Transmission	Trans_Labor	(2,038,292)	(1,020,740)	(263,311)	(341,880)	(41,583)	(218,786)	(12,217)	(4,534)
10	922.0 -A&G Charged to CWIP - Distribution	Dist_Labor	(3,934,029)	(2,091,789)	(610,056)	(536,292)	(100,570)	(228,728)	(4,870)	(20,411)
11	9229.0 -Production Related - Shared Services	Prod_Labor	21,241,857	10,638,805	2,745,784	3,560,808	433,267	2,279,926	127,135	47,325
12	9229.0 -Transmission Related - Shared Services	Trans_Labor	3,762,563	1,884,223	486,055	631,089	76,759	403,865	22,552	8,369
13	9229.0 -Distribution/Customer Related - Shared Services	DistCust_Labor_X20	35,043,236	24,599,567	4,694,317	2,943,457	546,239	1,274,697	35,531	112,825
14	923.0 -Production - Outside Services	Prod_Labor	(340,236)	(170,404)	(43,980)	(57,034)	(6,940)	(36,518)	(2,036)	(758)
15	923.0 -Transmission - Outside Services	Trans_Labor	79,985	40,055	10,333	13,416	1,632	8,585	479	178
16	923.0 -Distribution - Outside Services	Dist_Labor	1,498,131	796,582	232,318	204,227	38,298	87,103	1,854	7,773
17	924.0 -Production - Property Insurance	Net_Prod_Plant	1,491,848	747,179	192,841	250,081	30,429	160,123	8,929	3,324
18	924.0 -Transmission - Property Insurance	Net_Trans_Plant	172,877	86,574	22,333	28,996	3,527	18,556	1,036	385
19	924.0 -Distribution - Property Insurance	Net_Dist_Plant	422,211	230,222	58,774	68,253	11,654	30,265	741	1,875
20	925.0 -Production - Injuries or Damages-Safety	Prod_Labor	527,201	264,044	68,148	88,376	10,753	56,585	3,155	1,175
21	925.0 -Transmission - Injunes or Damages-Safety	Trans_Labor	(2,377)	(1,190)	(307)	(399)	(48)	(255)	(14)	(5)
22	925.0 -Distribution - Injuries or Damages-Safety	Dist_Labor	1,013,738	539,022	157,202	138,194	25,915	58,940	1,255	5,260
23	926.0 -Production - Empl Pension and Benefits	Prod_Labor	3,728,888	1,867,582	482,007	625,080	76,058	400,228	22,318	8,308
24	926.0 -Transmission - Empl Pension and Benefits	Trans_Labor	219,653	109,998	28,375	36,842	4,481	23,577	1,317	489
25	926.0 -Distribution - Empl Pension and Benefits	Dist_Labor	8,528,764	4,534,888	1,322,570	1,162,652	218,030	495,869	10,557	44,250
26	928.0 -Production - Regulatory Commission Exp	Prod_Labor	1,127,312	564,605	145,720	188,973	22,994	120,996	6,747	2,512
27	928.0 -Trasnmission - Regulatory Commission Exp	Trans_Labor	56,957	28,523	7,358	9,553	1,162	6,114	341	127
28	928.0 -Distribution - Regulatory Commission Exp	Dist_Labor	560,660	298,112	86,942	76,430	14,333	32,597	694	2,909
29	930.0 -Production - Misc AG Expenses	Prod_Labor	7,324,957	3,668,643	946,845	1,227,895	149,406	786,200	43,841	16,319
30	930.0 -Transmission - Misc AG Expenses	Trans_Labor	(18,295)	(9,162)	(2,363)	(3,069)	(373)	(1,964)	(110)	(41)
31	930.0 -Distribtuion - Misc AG Expenses	Dist_Labor	72,503	38,551	11,243	9,884	1,853	4,215	90	376
32	931.0 -Trasnsmision - Rents-Cust	Trans_Labor	12,375	6,197	1,599	2,076	252	1,328	74	28
33	935.0 -Production - Maint of General Plant	Net_GI_Plant	(57,044)	(36,404)	(7,003)	(6,077)	(849)	(3,555)	(189)	(126)
34	935.0 -Transmission - Maint of General Plant	Net_GI_Plant	303,649	193,782	37,280	32,349	4,521	18,924	1,008	672
35	935.0 -Distribution - Maint of General Plant	Net_GI_Plant	214,187	136,690	26,296	22,818	3,189	13,349	711	474
36	920-935.0 -Renewables - A&G (920-935)	Prod_Labor	0	0	0	0	0	0	0	0
37	920-935.0 -PV3 - A&G (920 - 935)	Prod_Labor	0	0	0	0	0	0	0	0
38	920-935.0 -SJ Unit 4 65MW A&G (920 - 935)	Prod_Labor	0	0	0	0	0	0	0	0
39	TOTAL ADMINISTRATIVE & GENERAL EXPENSE		80,405,562	47,755,906	10,855,816	10,157,083	1,531,435	5,541,969	249,437	248,857
40										
41	TOTAL OPERATION & MAINTENANCE EXPENSE		489,945,771	231,460,424	59,837,045	84,390,207	10,715,347	54,624,715	3,712,640	1,327,204
42										
43	TOTAL OPERATION & MAINTENANCE EXPENSE EXCL FUEL		312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
			10	11	12	13	14	15
rod_Labor	(24,074)	(13,341)	(71,511)	(503)	(35,463)	0	(1,308)	(4,297)
rans_Labor	2,793	1,545	8,304	58	4,118	0	154	506
st_Labor	42,511	95	8,749	95	4,840	0	35,353	124,110
rod_Labor	(5,823)	(3,227)	(17,296)	(122)	(8,577)	0	(316)	(1,039)
rans_Labor	1,484	821	4,411	31	2,188	0	82	269
st_Labor	21,795	49	4,485	49	2,481	0	18,125	63,629
rod_Labor	(20,739)	(11,493)	(61,606)	(433)	(30,551)	0	(1,127)	(3,701)
rans_Labor	(21,613)	(11,953)	(64,251)	(451)	(31,867)	0	(1,192)	(3,916)
st_Labor	(67,251)	(151)	(13,840)	(151)	(7,656)	0	(55,927)	(196,337)
rod_Labor	225,359	124,886	669,420	4,704	331,975	0	12,243	40,220
rans_Labor	39,896	22,065	118,603	832	58,825	0	2,200	7,229
stCust_Labor_X20	358,254	10,845	124,651	1,241	65,520	0	276,093	0
rod_Labor	(3,610)	(2,000)	(10,722)	(75)	(5,317)	0	(196)	(644)
rans_Labor	848	469	2,521	18	1,251	0	47	154
st_Labor	25,610	57	5,270	57	2,916	0	21,298	74,768
et_Prod_Plant	15,827	8,771	47,014	330	23,315	0	860	2,825
et_Trans_Plant	1,833	1,014	5,449	38	2,703	0	101	332
et_Dist_Plant	7,119	3	2,207	3	1,146	0	1,101	8,848
rod_Labor	5,593	3,100	16,614	117	8,239	0	304	998
rans_Labor	(25)	(14)	(75)	(1)	(37)	0	(1)	(5)
st_Labor	17,330	39	3,566	39	1,973	0	14,412	50,593
rod_Labor	39,561	21,923	117,513	826	58,276	0	2,149	7,060
rans_Labor	2,329	1,288	6,924	49	3,434	0	128	422
st_Labor	145,797	327	30,004	327	16,598	0	121,247	425,647
rod_Labor	11,960	6,628	35,526	250	17,618	0	650	2,134
rans_Labor	604	334	1,795	13	890	0	33	109
st_Labor	9,584	21	1,972	21	1,091	0	7,970	27,981
rod_Labor	77,712	43,065	230,840	1,622	114,477	0	4,222	13,869
rans_Labor	(194)	(107)	(577)	(4)	(286)	0	(11)	(35)
st_Labor	1,239	3	255	3	141	0	1,031	3,618
rans_Labor	131	73	390	3	193	0	7	24
et_GI_Plant	(504)	(169)	(951)	(7)	(473)	0	(164)	(571)
et_GI_Plant	2,682	901	5,062	38	2,517	0	873	3,039
et_GI_Plant	1,892	636	3,571	27	1,775	0	616	2,144
rod_Labor	0	0	0	0	0	0	0	0
rod_Labor	0	0	0	0	0	0	0	0
rod_Labor	0	0	0	0	0	0	0	0
	915,911	206,501	1,214,291	9,044	608,273	0	461,056	649,985
	8,188,366	3,262,162	18,378,451	148,547	9,056,182	0	1,321,616	3,522,863
	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
DEPRECIATION & AMORTIZATION EXPENSE									
1 PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE									
2 Steam Production Plant	Net_Prod_Plant	25,875,880	12,959,717	3,344,791	4,337,617	527,787	2,777,304	154,870	57,649
3 San Juan Unit 4 65 MW	Net_Prod_Plant	0	0	0	0	0	0	0	0
4 Nuclear Production Net Plant - Palo Verde 1 & 2	Net_Prod_Plant	12,856,625	6,439,132	1,661,885	2,155,177	262,235	1,379,924	76,948	28,643
5 Nuclear Production Net Plant - Palo Verde 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
6 PV 1&2 Acquisition Adjustment Amortization	Net_Prod_Plant	350,505	175,547	45,307	58,756	7,149	37,620	2,098	781
7 PV 2 Lease Acquisition Adjustment - First Chicago Amortization	Net_Prod_Plant	798,764	400,054	103,251	133,898	16,292	85,733	4,781	1,780
8 PV 2 64.1 MW Lease Acquisition Adjustment Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
9 Other Production Plant - Gas & 40 MW Solar	Net_Prod_Plant	13,831,737	6,927,509	1,787,930	2,318,637	282,124	1,484,585	82,784	30,816
10 Other Production Plant - Renewable	Net_Prod_Plant	0	0	0	0	0	0	0	0
11 TOTAL PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE		53,713,510	26,901,960	6,943,164	9,004,085	1,095,587	5,765,165	321,481	119,669
12									
13 TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE									
14 Step-Up Transformers - Excluding PV3	Step_Up	452,951	226,830	58,513	75,973	9,241	48,619	2,715	1,008
15 Step-Up Transformers - PV3	Step_Up	0	0	0	0	0	0	0	0
16 Transmission System Plant	Trans_3S1W	11,465,189	5,741,558	1,481,096	1,923,039	233,899	1,230,648	68,718	25,502
17 Transmission System Plant - PV 3	Trans_3S1W	0	0	0	0	0	0	0	0
18 Transmission System Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0	0
19 Transmission System Plant - Dedicated Retail	Trans_3S1W	349,768	175,157	45,184	58,666	7,136	37,543	2,096	778
20 Transmission System Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
21 EIP Acquisition Adjustment Amortization	Trans_3S1W	358,745	179,653	46,343	60,172	7,319	38,507	2,150	798
22 TOTAL TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE		12,626,652	6,323,198	1,631,136	2,117,850	257,593	1,355,317	75,680	28,086
23									
24 DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE									
25 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
26 Distribution Substations Net Plant - PNM	Net_Dist_Plant	5,580,619	3,042,981	776,851	902,143	154,044	400,035	9,793	24,789
27 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
28 Primary Distribution System Net Plant - PNM	NCP_Pri	15,155,548	7,589,286	2,111,245	2,647,262	444,754	1,762,091	0	68,153
29 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
30 Secondary Distribution System Net Plant - PNM	NCP_Sec	9,216,224	5,382,332	1,497,298	1,877,442	315,420	0	0	48,334
31 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
32 Services Net Plant - PNM	_PLT36970	3,888,717	3,162,978	456,644	135,519	37,827	47,664	433	12,988
33 Meters Net Plant - PNM	_PLT36970	2,382,627	1,937,965	279,787	83,033	23,177	29,204	265	7,958
34 Private Lighting - 371	_PLT37173	222,161	0	0	0	0	0	0	0
35 Street Lighting - 373	_PLT37173	692,359	0	0	0	0	0	0	0
36 TOTAL DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE		37,138,254	21,115,542	5,121,825	5,645,398	975,222	2,238,993	10,491	162,222
37									
38 GENERAL DEPRECIATION & AMORTIZATION EXPENSE									
39 Production General & Intangible Net Plant	Prod_Labor	1,818,422	910,741	235,054	304,825	37,090	195,174	10,883	4,051
40 PV Unit 3 General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
41 Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
42 Bulk Power Operations	Prod_Labor	340,608	170,591	44,028	57,097	6,947	36,558	2,039	759
43 Energy Management System Facilities	Prod_Labor	811,591	406,479	104,909	136,048	16,554	87,110	4,857	1,808
44 Other Division Offices/Customer Service	Cust_Svc_Labor	3,848,413	3,032,820	399,083	176,197	24,243	109,090	8,527	4,064
45 Communications - Transmission	Trans_Labor	1,891,066	947,012	244,292	317,186	38,579	202,983	11,334	4,206
46 Production Related (Shared Services)	Prod_Labor	3,832,667	1,919,559	495,422	642,476	78,174	411,367	22,939	8,539
47 Transmission Related (Shared Services)	Trans_Labor	696,840	348,965	90,019	116,880	14,216	74,797	4,177	1,550
48 Distribution/Customer Related (Shared Services)	DistCust_Labor	8,207,618	5,606,579	1,069,899	670,854	124,495	290,521	8,098	25,714
49 TOTAL GENERAL DEPRECIATION & AMORTIZATION EXPENSE		21,447,226	13,342,746	2,682,706	2,421,564	340,300	1,407,600	72,855	50,692
50 TOTAL DEPRECIATION & AMORTIZATION EXPENSE		124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	480,507	360,668

PNM EXHIBIT SAV-4
Page 29 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

Base Period Ending 6/30/2016		Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting	
		Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20	
ALLOCATION		Water & Sewage	Universities 115 kV	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Streetlighting	
		8	9	10	11	>= 3,000 kW	Renew. Energy Res.	Lighting	15	
DEPRECIATION & AMORTIZATION EXPENSE										
1 PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE										
2	Steam Production Plant	Net_Prod_Plant	274,522	152,131	815,457	5,730	404,397	0	14,914	48,994
3	San Juan Unit 4 65 MW	Net_Prod_Plant	0	0	0	0	0	0	0	0
4	Nuclear Production Net Plant - Palo Verde 1 & 2	Net_Prod_Plant	136,398	75,587	405,166	2,847	200,927	0	7,410	24,343
5	Nuclear Production Net Plant - Palo Verde 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
6	PV 1&2 Acquisition Adjustment Amortization	Net_Prod_Plant	3,719	2,061	11,046	78	5,478	0	202	664
7	PV 2 Lease Acquisition Adjustment - First Chicago Amortization	Net_Prod_Plant	8,474	4,696	25,172	177	12,483	0	460	1,512
8	PV 2 64.1 MW Lease Acquisition Adjustment Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
9	Other Production Plant - Gas & 40 MW Solar	Net_Prod_Plant	146,744	81,320	435,896	3,063	216,167	0	7,972	26,190
10	Other Production Plant - Renewable	Net_Prod_Plant	0	0	0	0	0	0	0	0
11	TOTAL PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE		569,857	315,796	1,692,737	11,895	839,452	0	30,958	101,703
12										
13 TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE										
14	Step-Up Transformers - Excluding PV3	Step_Up	4,803	2,656	14,278	100	7,082	0	265	870
15	Step-Up Transformers - PV3	Step_Up	0	0	0	0	0	0	0	0
16	Transmission System Plant	Trans_3S1W	121,569	67,237	361,405	2,535	179,251	0	6,704	22,027
17	Transmission System Plant - PV 3	Trans_3S1W	0	0	0	0	0	0	0	0
18	Transmission System Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0	0
19	Transmission System Plant - Dedicated Retail	Trans_3S1W	3,709	2,051	11,025	77	5,468	0	205	672
20	Transmission System Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
21	EIP Acquisition Adjustment Amortization	Trans_3S1W	3,804	2,104	11,308	79	5,609	0	210	689
22	TOTAL TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE		133,884	74,048	398,017	2,792	197,410	0	7,383	24,259
23										
24 DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE										
25	Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
26	Distribution Substations Net Plant - PNM	Net_Dist_Plant	94,094	36	29,165	36	15,152	0	14,547	116,955
27	Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
28	Primary Distribution System Net Plant - PNM	NCP_Pri	398,245	0	0	0	0	0	31,715	102,798
29	Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
30	Secondary Distribution System Net Plant - PNM	NCP_Sec	0	0	0	0	0	0	22,492	72,905
31	Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
32	Services Net Plant - PNM	_PLT36970	33,148	217	217	217	867	0	0	0
33	Meters Net Plant - PNM	_PLT36970	20,310	133	133	133	531	0	0	0
34	Private Lighting - 371	_PLT37173	0	0	0	0	0	0	10,256	211,905
35	Street Lighting - 373	_PLT37173	0	0	0	0	0	0	31,961	660,398
36	TOTAL DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE		545,796	385	29,514	385	16,549	0	110,971	1,164,960
37										
38 GENERAL DEPRECIATION & AMORTIZATION EXPENSE										
39	Production General & Intangible Net Plant	Prod_Labor	19,292	10,691	57,306	403	28,419	0	1,048	3,443
40	PV Unit 3 General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
41	Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
42	Bulk Power Operations	Prod_Labor	3,614	2,003	10,734	75	5,323	0	196	645
43	Energy Management System Facilities	Prod_Labor	8,610	4,772	25,577	180	12,684	0	468	1,537
44	Other Division Offices/Customer Service	Cust_Svc_Labor	18,442	7,403	41,689	353	20,484	0	1,420	4,597
45	Communications - Transmission	Trans_Labor	20,052	11,090	59,610	418	29,566	0	1,106	3,633
46	Production Related (Shared Services)	Prod_Labor	40,662	22,533	120,783	849	59,898	0	2,209	7,257
47	Transmission Related (Shared Services)	Trans_Labor	7,389	4,087	21,966	154	10,895	0	407	1,339
48	Distribution/Customer Related (Shared Services)	DistCust_Labor	81,651	2,472	28,410	283	14,933	0	62,925	220,783
49	TOTAL GENERAL DEPRECIATION & AMORTIZATION EXPENSE		199,711	65,050	366,075	2,714	182,201	0	69,780	243,233
50	TOTAL DEPRECIATION & AMORTIZATION EXPENSE		1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
GENERAL TAXES & OTHER EXPENSES									
1 GENERAL TAXES									
2									
3 PROPERTY TAX EXPENSE									
4 PRODUCTION PROPERTY TAX EXPENSE									
5 Steam Production Plant	Net_Prod_Plant	5,690,858	2,850,218	735,617	953,968	116,076	610,810	34,060	12,679
6 San Juan Unit 4 65 MW	Net_Prod_Plant	0	0	0	0	0	0	0	0
7 Nuclear Production Net Plant - Palo Verde 1 & 2	Net_Prod_Plant	2,158,604	1,081,119	279,027	361,850	44,029	231,687	12,919	4,809
8 Nuclear Production Net Plant - Palo Verde 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
9 Other Production Plant - Gas & 40 MW Solar	Net_Prod_Plant	3,896,398	1,951,478	503,660	653,160	79,474	418,207	23,320	8,681
10 Other Production Plant - Renewable	Net_Prod_Plant	0	0	0	0	0	0	0	0
11 TOTAL PRODUCTION PROPERTY TAX EXPENSE		11,745,860	5,882,815	1,518,304	1,968,978	239,579	1,260,704	70,300	26,169
12									
13 TRANSMISSION PROPERTY TAX EXPENSE									
14 Step-Up Transformers - Excluding PV3	Step_Up	62,254	31,176	8,042	10,442	1,270	6,682	373	138
15 Step-Up Transformers - PV3	Step_Up	0	0	0	0	0	0	0	0
16 Transmission System Plant	Trans_3S1W	2,528,511	1,266,232	326,638	424,103	51,584	271,405	15,155	5,624
17 Transmission System Plant - PV 3	Trans_3S1W	0	0	0	0	0	0	0	0
18 Transmission System Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0	0
19 Transmission System Plant - Dedicated Retail	Trans_3S1W	38,823	19,442	5,015	6,512	792	4,167	233	86
20 Transmission System Plant - Dedicated FERC	Trans_3S1W	0	0	0	0	0	0	0	0
21 TOTAL TRANSMISSION PROPERTY TAX EXPENSE		2,629,588	1,316,650	339,695	441,057	53,646	282,254	15,761	5,849
22									
23									
24 DISTRIBUTION PROPERTY TAX EXPENSE									
25 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
26 Distribution Substations Net Plant - PNM	Net_Dist_Plant	1,401,493	764,201	195,095	226,560	38,686	100,463	2,459	6,225
27 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
28 Primary Distribution System Net Plant - PNM	Net_Dist_Plant	3,365,598	1,835,182	468,509	544,070	92,902	241,256	5,906	14,950
29 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
30 Secondary Distribution System Net Plant - PNM	NCP_Sec	1,998,448	1,167,106	324,674	407,105	68,396	0	0	10,481
31 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
32 Services Net Plant - PNM	_PLT36970	516,510	420,115	60,653	18,000	5,024	6,331	58	1,725
33 Meters Net Plant - PNM	_PLT36970	398,990	324,528	46,853	13,905	3,881	4,890	44	1,333
34 Private Lighting - 371	_PLT37173	5,508	0	0	0	0	0	0	0
35 Street Lighting - 373	_PLT37173	116,750	0	0	0	0	0	0	0
36 TOTAL DISTRIBUTION PROPERTY TAX EXPENSE		7,803,297	4,511,133	1,095,783	1,209,640	208,889	352,940	8,467	34,714
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Schedule 20 Streetlighting
	8	9	10	11	12	13	14	15
et_Prod_Plant	60,375	33,458	179,343	1,260	88,939	0	3,280	10,775
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	22,901	12,691	68,027	478	33,735	0	1,244	4,087
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	41,338	22,908	122,792	863	60,894	0	2,246	7,378
et_Prod_Plant	0	0	0	0	0	0	0	0
	124,614	69,057	370,161	2,601	183,568	0	6,770	22,240
tep_Up	660	365	1,962	14	973	0	36	120
tep_Up	0	0	0	0	0	0	0	0
rans_3S1W	26,811	14,828	79,704	559	39,532	0	1,478	4,858
rans_3S1W	0	0	0	0	0	0	0	0
rans_3S1W	0	0	0	0	0	0	0	0
rans_3S1W	412	228	1,224	9	607	0	23	75
rans_3S1W	0	0	0	0	0	0	0	0
	27,882	15,421	82,890	581	41,112	0	1,538	5,052
FERC	0	0	0	0	0	0	0	0
et_Dist_Plant	23,630	9	7,324	9	3,805	0	3,653	29,371
CP	0	0	0	0	0	0	0	0
et_Dist_Plant	56,747	22	17,589	22	9,138	0	8,773	70,534
CP	0	0	0	0	0	0	0	0
CP_Sec	0	0	0	0	0	0	4,877	15,809
CP	0	0	0	0	0	0	0	0
PLT36970	4,403	29	29	29	115	0	0	0
PLT36970	3,401	22	22	22	89	0	0	0
PLT37173	0	0	0	0	0	0	254	5,254
PLT37173	0	0	0	0	0	0	5,390	111,360
	88,181	81	24,964	81	13,147	0	22,948	232,328

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

GENERAL TAXES & OTHER EXPENSES CONTINUED

1 GENERAL TAXES CONTINUED

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
2								
3 GENERAL PROPERTY TAX EXPENSE								
4 Production General & Intangible Net Plant	Prod_Labor 38,245	19,155	4,944	6,411	780	4,105	229	85
5 PV Unit 3 General & Intangible Net Plant	Prod_Labor 0	0	0	0	0	0	0	0
6 Renewables General & Intangible Net Plant	Prod_Labor 0	0	0	0	0	0	0	0
7 Bulk Power Operations	Prod_Labor 32,423	16,239	4,191	5,435	661	3,480	194	72
8 Energy Management System Facilities	Prod_Labor 38,740	19,403	5,008	6,494	790	4,158	232	86
9 Other Division Offices/Customer Service	DistCust_Labor 381,932	260,896	49,786	31,217	5,793	13,519	377	1,197
10 Communications - Transmission	Trans_Labor 112,788	56,482	14,570	18,918	2,301	12,106	676	251
11 Production Related (Shared Services)	Prod_Labor 207,332	103,840	26,800	34,755	4,229	22,253	1,241	482
12 Transmission Related (Shared Services)	Trans_Labor 31,109	15,579	4,019	5,218	635	3,339	186	69
13 Distribution/Customer Related (Shared Services)	DistCust_Labor 214,694	146,656	27,986	17,548	3,257	7,599	212	673
14 TOTAL GENERAL PROPERTY TAX EXPENSE	1,057,263	638,250	137,305	125,997	18,446	70,560	3,347	2,895
15								
16 TOTAL PROPERTY TAX EXPENSE	23,236,008	12,349,047	3,091,087	3,745,672	520,559	1,966,468	97,875	69,627
17								
18								
19 PAYROLL TAXES								
20 Production Related	Prod_Labor 2,747,996	1,376,311	355,214	460,651	56,051	294,947	16,447	6,122
21 Transmission Related	Trans_Labor 426,856	213,762	55,142	71,596	8,708	45,818	2,558	949
22 Distribution Related	Dist_Labor 3,446,281	1,832,446	534,421	469,802	88,101	200,370	4,266	17,880
23 TOTAL PAYROLL TAX EXPENSE	6,621,134	3,422,518	944,777	1,002,049	152,860	541,135	23,271	24,952
24								
25 OTHER TAXES								
26 Misc Taxes - Production Related	Net_Prod_Plant 3,890	1,948	503	652	79	417	23	9
27 Misc Taxes - Renewable	Net_Prod_Plant 0	0	0	0	0	0	0	0
28 Misc Taxes - Transmission Related	Net_Trans_Plant 546	273	70	92	11	59	3	1
29 Misc Taxes - Distribution Related	Net_Dist_Plant 9,095	4,959	1,266	1,470	251	652	16	40
30 Regulatory Commission Fees (I&S) PNM	Net_Prod_Plant 0	0	0	0	0	0	0	0
31 Joint Projects Four Corners	Net_Prod_Plant 388,804	194,729	50,258	65,176	7,930	41,731	2,327	866
32 Joint Projects PVNGS	Net_Prod_Plant 1,248,485	625,293	161,383	209,286	25,465	134,002	7,472	2,782
33 Joint Projects Transmission	Net_Trans_Plant 0	0	0	0	0	0	0	0
34 Native American Taxes - Production	Net_Prod_Plant 1,492,116	747,314	192,875	250,126	30,434	160,151	8,930	3,324
35 Native American Taxes - Transmission	Net_Trans_Plant 525,409	263,115	67,873	88,126	10,719	56,396	3,149	1,169
36 Native American Taxes - Distribution	Net_Dist_Plant 150,175	81,887	20,905	24,277	4,145	10,765	264	667
37 TOTAL OTHER TAXES	3,818,519	1,919,519	495,134	639,204	79,036	404,174	22,185	8,858
38								
39								
40 TOTAL GENERAL TAXES	33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Streetlighting
	8	9	10	11	12	13	14	15
Prod_Labor	406	225	1,205	8	598	0	22	72
Prod_Labor	0	0	0	0	0	0	0	0
Prod_Labor	0	0	0	0	0	0	0	0
Prod_Labor	344	191	1,022	7	507	0	19	61
Prod_Labor	411	228	1,221	9	605	0	22	73
stCust_Labor	3,800	115	1,322	13	695	0	2,928	10,274
ans_Labor	1,196	661	3,555	25	1,763	0	66	217
Prod_Labor	2,200	1,219	6,534	46	3,240	0	119	393
ans_Labor	330	182	981	7	486	0	18	60
stCust_Labor	2,136	65	743	7	391	0	1,646	5,775
	10,821	2,886	16,583	123	8,285	0	4,841	16,925
	251,499	87,445	494,598	3,387	246,112	0	36,096	276,545
Prod_Labor	29,154	16,156	86,601	609	42,947	0	1,584	5,203
ans_Labor	4,526	2,503	13,455	94	6,674	0	250	820
st_Labor	58,913	132	12,124	132	6,707	0	48,993	171,994
	92,593	18,791	112,180	835	56,327	0	50,827	178,018
et_Prod_Plant	41	23	123	1	61	0	2	7
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Trans_Plant	6	3	17	0	9	0	0	1
et_Dist_Plant	153	0	48	0	25	0	24	191
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	4,125	2,286	12,253	86	6,076	0	224	736
et_Prod_Plant	13,245	7,340	39,345	276	19,512	0	720	2,364
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	15,830	8,773	47,023	330	23,319	0	860	2,825
et_Trans_Plant	5,571	3,081	16,562	116	8,214	0	307	1,009
et_Dist_Plant	2,532	1	785	1	408	0	391	3,147
	41,504	21,507	116,155	811	57,624	0	2,529	10,281
	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

GENERAL TAXES & OTHER EXPENSES CONTINUED

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 OTHER ALLOWABLE EXPENSES								
2 431.0 -Interest on Customer Deposits	Customer_Deposits	241,075	156,115	27,792	51,010	6,157	0	0
3 407.3 -Amort Loss on Reacquired Debt	Net_Plant	1,235,545	644,276	162,982	200,938	27,530	116,409	5,647
4 408.2 -Amort Retail rate case exp	NFREV	0	0	0	0	0	0	0
5 407.0 -Renewable Grant Amortization	Energy4	0	0	0	0	0	0	0
6 403/411.0 -Accretion ARO - Production Related	Net_Prod_Plant	5,776,316	2,893,019	746,663	968,293	117,819	619,982	34,572
7 403/411.0 -Accretion ARO - PV 3	Net_Prod_Plant	0	0	0	0	0	0	0
8 403/411.0 -Accretion ARO - Distribution Related	Net_Dist_Plant	110,355	60,174	15,362	17,840	3,046	7,911	194
9 Amortization of LVGS Regulatory Liability	Net_Prod_Plant	0	0	0	0	0	0	0
10 Amortization of LVGS Regulatory Asset	Net_Prod_Plant	0	0	0	0	0	0	0
11 TOTAL OTHER ALLOWABLE EXPENSES		7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412
12								
13								
14 TOTAL OPERATING EXPENSES		655,910,366	320,588,538	81,699,674	110,204,110	14,291,056	69,047,859	4,376,891
15 (EXCLUDING INCOME AND REVENUE RELATED TAXES)								1,808,245
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

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ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
1 OTHER ALLOWABLE EXPENSES								
2 431.0 -Interest on Customer Deposits	Customer_Deposits	0	0	0	0	0	0	0
3 407.3 -Amort Loss on Reacquired Debt	Net_Plant	15,322	4,885	28,179	187	14,022	0	1,619
4 408.2 -Amort Retail rate case exp	NFREV	0	0	0	0	0	0	0
5 407.0 -Renewable Grant Amortization	Energy4	0	0	0	0	0	0	0
6 403/411.0 -Accretion ARO - Production Related	Net_Prod_Plant	61,282	33,960	182,036	1,279	90,274	0	3,329
7 403/411.0 -Accretion ARO - PV 3	Net_Prod_Plant	0	0	0	0	0	0	0
8 403/411.0 -Accretion ARO - Distribution Related	Net_Dist_Plant	1,861	1	577	1	300	0	288
9 Amortization of LVGS Regulatory Liability	Net_Prod_Plant	0	0	0	0	0	0	0
10 Amortization of LVGS Regulatory Asset	Net_Prod_Plant	0	0	0	0	0	0	0
11 TOTAL OTHER ALLOWABLE EXPENSES		78,464	38,846	210,792	1,467	104,596	0	5,236
12								
13								
14 TOTAL OPERATING EXPENSES		10,101,675	3,884,030	21,798,519	172,833	10,756,453	0	1,635,395
15 (EXCLUDING INCOME AND REVENUE RELATED TAXES)								5,545,087
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES									
1 FEDERAL INCOME TAX									
2									
3 TOTAL OPERATING REVENUE		867,414,729	396,754,714	120,514,649	160,388,813	26,080,051	90,006,244	6,511,863	2,224,562
4 LESS:									
5 Operation and Maintenance Exp Excl Fuel		312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446
6 Operation and Maintenance Fuel Expense		177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
7 Depreciation and Amortization Expense		124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	480,507	360,668
8 General Taxes (TOIT)		33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437
9 Revenue Tax		4,411,437	2,017,787	612,905	815,694	132,636	457,747	33,118	11,314
10 Other Allowable Expenses		7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412	16,936
11 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		660,321,803	322,606,325	82,312,579	111,019,804	14,423,692	69,505,606	4,410,008	1,819,559
12									
13 NET OPERATING INCOME BEFORE INCOME TAXES		207,092,925	74,148,389	38,202,070	49,369,008	11,656,359	20,500,638	2,101,855	405,003
14 LESS:									
15 Interest on Long Term Debt		71,299,996	37,063,162	9,350,500	11,526,865	1,574,459	6,782,464	341,161	205,900
16									
17 PRE-TAX INCOME		135,792,929	37,085,227	28,851,569	37,842,143	10,081,900	13,718,174	1,760,694	199,103
18									
19 FEDERAL TAX ADJUSTMENT:									
20 PLUS:									
21 Permanent and Flow-Through Differences		(4,272,191)	(2,210,033)	(567,058)	(709,870)	(99,238)	(402,378)	(18,795)	(13,085)
22 LESS:									
23 State Income Tax		(8,316,300)	(2,205,223)	(1,788,482)	(2,347,942)	(631,222)	(841,982)	(110,144)	(11,762)
24 FEDERAL TAXABLE INCOME		139,837,037	37,080,417	30,072,993	39,480,216	10,613,884	14,157,778	1,852,043	197,780
25 Federal Tax Factor		35.0000%							
26 CALCULATED FEDERAL INCOME TAXES		48,942,963	12,978,146	10,525,548	13,818,076	3,714,859	4,955,222	648,215	69,223
27									
28 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:									
29 Amortization of EIP Prepaid Tax Reversal		0	0	0	0	0	0	0	0
30 ARAM and Payroll Tax Reversal		(438,653)	(259,114)	(56,935)	(54,956)	(7,816)	(31,522)	(1,544)	(1,173)
31 Investment Tax Credit Amortization		(1,472,887)	(741,085)	(190,827)	(246,077)	(30,353)	(155,923)	(8,582)	(3,391)
32									
33 NET ALLOWABLE FEDERAL INCOME TAX		47,031,423	11,977,947	10,277,786	13,517,043	3,676,690	4,767,777	638,089	64,659
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES								
1 FEDERAL INCOME TAX								
2								
3 TOTAL OPERATING REVENUE	12,421,660	5,806,207	25,253,562	266,241	10,341,335	0	2,984,100	7,860,728
4 LESS:								
5 Operation and Maintenance Exp Excl Fuel	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284
6 Operation and Maintenance Fuel Expense	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
7 Depreciation and Amortization Expense	1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155
8 General Taxes (TOIT)	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844
9 Revenue Tax	63,173	29,529	128,433	1,354	52,593	0	15,176	39,978
10 Other Allowable Expenses	78,464	38,846	210,792	1,467	104,596	0	5,236	23,224
11 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,164,849	3,913,559	21,926,952	174,187	10,809,046	0	1,650,572	5,585,064
12								
13 NET OPERATING INCOME BEFORE INCOME TAXES	2,256,812	1,892,648	3,326,611	92,053	(467,711)	0	1,333,529	2,275,664
14 LESS:								
15 Interest on Long Term Debt	907,932	295,237	1,698,635	11,576	844,116	0	105,112	592,877
16								
17 PRE-TAX INCOME	1,348,879	1,597,411	1,627,976	80,477	(1,311,828)	0	1,228,417	1,682,787
18								
19 FEDERAL TAX ADJUSTMENT:								
20 PLUS:								
21 Permanent and Flow-Through Differences	(55,711)	(15,580)	(92,247)	(595)	(45,940)	0	(4,812)	(36,849)
22 LESS:								
23 State Income Tax	(81,769)	(100,022)	(97,107)	(5,051)	85,854	0	(77,371)	(104,076)
24 FEDERAL TAXABLE INCOME	1,374,938	1,681,853	1,632,836	84,933	(1,443,622)	0	1,300,975	1,750,014
25 Federal Tax Factor								
26 CALCULATED FEDERAL INCOME TAXES	481,228	588,649	571,493	29,726	(505,268)	0	455,341	612,505
27								
28 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:								
29 Amortization of EIP Prepaid Tax Reversal	0	0	0	0	0	0	0	0
30 ARAM and Payroll Tax Reversal	(4,511)	(1,372)	(7,756)	(57)	(3,869)	0	(1,787)	(6,240)
31 Investment Tax Credit Amortization	(15,922)	(8,342)	(44,980)	(315)	(22,312)	0	(970)	(3,809)
32								
33 NET ALLOWABLE FEDERAL INCOME TAX	460,796	578,935	518,757	29,355	(531,449)	0	452,584	602,456
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES									
1 STATE INCOME TAX									
2									
3 NET OPERATING INCOME BEFORE INCOME TAXES		207,092,925	74,148,389	38,202,070	49,369,008	11,656,359	20,500,638	2,101,855	405,003
4 LESS:									
5 Interest on Long Term Debt		71,299,996	37,063,162	9,350,500	11,526,865	1,574,459	6,782,464	341,161	205,900
6 PLUS:									
7 Permanent and Flow-Through Differences		(4,272,191)	(2,210,033)	(567,058)	(709,870)	(99,238)	(402,378)	(18,795)	(13,085)
8 STATE TAXABLE INCOME		131,520,738	34,875,194	28,284,511	37,132,274	9,982,661	13,315,795	1,741,899	186,018
9 State Tax Factor		6.32%							
10 NET ALLOWABLE STATE INCOME TAX		8,316,300	2,205,223	1,788,482	2,347,942	631,222	841,982	110,144	11,762
11									
12 PLUS:									
13 State Renewable PTC and ITC	Net_Prod_Plant	0	0	0	0	0	0	0	0
14 NET ALLOWABLE STATE INCOME TAX		8,316,300	2,205,223	1,788,482	2,347,942	631,222	841,982	110,144	11,762
15									
16 REVENUE TAX:									
17									
18 SALES REVENUE INCLUDING FUEL		867,414,729	396,754,714	120,514,649	160,388,813	26,080,051	90,006,244	6,511,863	2,224,562
19 Revenue Tax Rate-I&S Fee		0.508573%							
20 REVENUE TAX		4,411,437	2,017,787	612,905	815,684	132,636	457,747	33,118	11,314
21									
22									
23									
24									
25									
26 TOTAL OPERATING REVENUE		867,414,729	396,754,714	120,514,649	160,388,813	26,080,051	90,006,244	6,511,863	2,224,562
27 LESS:									
28 OPERATING EXPENSES BEFORE INCOME TAXES									
29 Operation and Maintenance Exp Excl Fuel		312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446
30 Operation and Maintenance Fuel Expense		177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
31 Depreciation and Amortization Expense		124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	480,507	360,668
32 General Taxes		33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437
33 Revenue Tax		4,411,437	2,017,787	612,905	815,684	132,636	457,747	33,118	11,314
34 Other Allowable Expenses		7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412	16,936
35 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		660,321,803	322,606,325	82,312,579	111,019,804	14,423,692	69,505,606	4,410,008	1,819,559
36 LESS:									
37 Net Allowable Federal Income Tax		47,031,423	11,977,947	10,277,786	13,517,043	3,676,690	4,767,777	638,089	64,659
38 Net Allowable State Income Tax		8,316,300	2,205,223	1,788,482	2,347,942	631,222	841,982	110,144	11,762
39									
40 NET OPERATING INCOME		151,745,202	59,965,219	26,135,802	33,504,023	7,348,447	14,890,878	1,353,623	328,582
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES								
1 STATE INCOME TAX								
2								
3 NET OPERATING INCOME BEFORE INCOME TAXES	2,256,812	1,892,648	3,326,611	92,053	(467,711)	0	1,333,529	2,275,664
4 LESS:								
5 Interest on Long Term Debt	907,932	295,237	1,698,635	11,576	844,116	0	105,112	592,877
6 PLUS:								
7 Permanent and Flow-Through Differences	(55,711)	(15,580)	(92,247)	(595)	(45,940)	0	(4,812)	(36,849)
8 STATE TAXABLE INCOME	1,293,169	1,581,831	1,535,729	79,882	(1,357,768)	0	1,223,604	1,645,938
9 State Tax Factor								
10 NET ALLOWABLE STATE INCOME TAX	81,769	100,022	97,107	5,051	(85,854)	0	77,371	104,076
11								
12 PLUS:								
13 State Renewable PTC and ITC	0	0	0	0	0	0	0	0
14 NET ALLOWABLE STATE INCOME TAX	81,769	100,022	97,107	5,051	(85,854)	0	77,371	104,076
15								
16 REVENUE TAX:								
17								
18 SALES REVENUE INCLUDING FUEL	12,421,660	5,806,207	25,253,562	266,241	10,341,335	0	2,984,100	7,860,728
19 Revenue Tax Rate-I&S Fee								
20 REVENUE TAX	63,173	29,529	128,433	1,354	52,593	0	15,176	39,978
21								
22								
23								
24								
25								
26 TOTAL OPERATING REVENUE	12,421,660	5,806,207	25,253,562	266,241	10,341,335	0	2,984,100	7,860,728
27 LESS:								
28 OPERATING EXPENSES BEFORE INCOME TAXES								
29 Operation and Maintenance Exp Excl Fuel	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284
30 Operation and Maintenance Fuel Expense	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
31 Depreciation and Amortization Expense	1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155
32 General Taxes	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844
33 Revenue Tax	63,173	29,529	128,433	1,354	52,593	0	15,176	39,978
34 Other Allowable Expenses	78,464	38,846	210,792	1,467	104,596	0	5,236	23,224
35 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,164,849	3,913,559	21,926,952	174,187	10,809,046	0	1,650,572	5,585,064
36 LESS:								
37 Net Allowable Federal Income Tax	460,796	578,935	518,757	29,355	(531,449)	0	452,584	602,456
38 Net Allowable State Income Tax	81,769	100,022	97,107	5,051	(85,854)	0	77,371	104,076
39								
40 NET OPERATING INCOME	1,714,246	1,213,691	2,710,747	57,647	149,591	0	803,573	1,569,132

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
		Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
		1	2	3	4	5	(Mines, Multi Volt)	7
ALLOCATION	Total PNM Consolidated							
FEDERAL, STATE AND REVENUE TAX CALCULATION - @ REQUESTED ROR								
1 FEDERAL INCOME TAX	177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774
2								
3 TOTAL NET ORIGINAL COST RATE BASE	2,327,814,669	1,210,044,548	305,276,759	376,331,093	51,403,200	221,435,074	11,138,270	6,722,271
4 WEIGHTED COST OF CAPITAL	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
5 RETURN ON RATE BASE @ 7.63%	177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774
6								
7 PLUS RETURN ADJUSTMENTS:								
8 INTEREST ON LONG TERM DEBT	71,299,996	37,063,162	9,350,500	11,526,865	1,574,459	6,782,464	341,161	205,900
9 TAX/BOOK ADJUSTMENTS	(4,272,191)	(2,210,033)	(567,058)	(709,870)	(99,238)	(402,378)	(18,795)	(13,085)
10								
11 NET TAXABLE EQUITY RETURN	101,993,112	53,028,794	13,368,900	16,469,736	2,247,330	9,706,187	489,670	293,788
12								
13 PLUS FEDERAL TAX ADJUSTMENTS	(1,911,540)	(1,000,199)	(247,762)	(301,033)	(38,170)	(187,445)	(10,126)	(4,564)
14								
15 ADJUSTED EQUITY RETURN	100,081,572	52,028,595	13,121,138	16,168,703	2,209,160	9,518,742	479,543	289,224
16								
17 Federal Tax Factor (Rate/1-Rate)	53.8462%							
18 RETURN ON RATE BASE @ 53.85%	53,890,077	28,015,397	7,065,228	8,706,225	1,189,548	5,125,476	258,216	155,736
19								
20 PLUS:								
21 Total Provision for Deferred Income Tax	(438,653)	(259,114)	(56,935)	(54,956)	(7,816)	(31,522)	(1,544)	(1,173)
22 Amortization of EIP Prepaid Tax Reversal	0	0	0	0	0	0	0	0
23 Total Investment Tax Credit Amortization	(1,472,887)	(741,085)	(190,827)	(246,077)	(30,353)	(155,923)	(8,582)	(3,391)
24								
25 NET ALLOWABLE FEDERAL INCOME TAX	51,978,538	27,015,198	6,817,466	8,405,191	1,151,378	4,938,031	248,089	151,171
26								
27								
28								
29 STATE INCOME TAX								
30								
31 RETURN ON RATE BASE @ 7.63%	177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774
32 LESS RETURN ADJUSTMENT:								
33 Interest on Long Term Debt	71,299,996	37,063,162	9,350,500	11,526,865	1,574,459	6,782,464	341,161	205,900
34 PLUS RETURN ADJUSTMENT:								
35 Tax/Book Adjustments	(4,272,191)	(2,210,033)	(567,058)	(709,870)	(99,238)	(402,378)	(18,795)	(13,085)
36 PLUS FEDERAL TAX ADJUSTMENTS:								
37 Net Allowable F I T	51,978,538	27,015,198	6,817,466	8,405,191	1,151,378	4,938,031	248,089	151,171
38 State Deferred Income Taxes	0	0	0	0	0	0	0	0
39 State Renewable PTC and ITC	0	0	0	0	0	0	0	0
40 New Mexico NOL Valuation Allowance	2,276,407	1,187,034	300,284	370,214	50,722	214,475	10,403	6,589
41 STATE TAXABLE INCOME	156,248,057	81,231,026	20,486,650	25,245,142	3,449,430	14,858,693	748,163	451,549
42 State Tax Factor (Rate/1-Rate)	6.75%							
43 TOTAL STATE INCOME TAX	10,546,744	5,483,094	1,382,849	1,704,047	232,837	1,002,962	50,501	30,480
44 PLUS:								
45 State Deferred Income Taxes	0	0	0	0	0	0	0	0
46 New Mexico NOL Valuation Allowance	2,276,407	1,187,034	300,284	370,214	50,722	214,475	10,403	6,589
47 NET ALLOWABLE STATE INCOME TAX	12,823,151	6,670,128	1,683,133	2,074,261	283,558	1,217,437	60,904	37,069
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PNM EXHIBIT SAV-4
Page 41 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - @ REQUESTED ROR								
1 FEDERAL INCOME TAX	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
2								
3 TOTAL NET ORIGINAL COST RATE BASE	29,642,330	9,638,934	55,457,328	377,942	27,558,855	0	3,431,717	19,356,347
4 WEIGHTED COST OF CAPITAL	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
5 RETURN ON RATE BASE @ 7.63%	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
6								
7 PLUS RETURN ADJUSTMENTS:								
8 INTEREST ON LONG TERM DEBT	907,932	295,237	1,698,635	11,576	844,116	0	105,112	592,877
9 TAX/BOOK ADJUSTMENTS	(55,711)	(15,580)	(92,247)	(595)	(45,940)	0	(4,812)	(36,849)
10								
11 NET TAXABLE EQUITY RETURN	1,297,469	424,439	2,439,394	16,658	1,212,129	0	151,846	846,773
12								
13 PLUS FEDERAL TAX ADJUSTMENTS	(20,432)	(9,714)	(52,736)	(371)	(26,181)	0	(2,757)	(10,049)
14								
15 ADJUSTED EQUITY RETURN	1,277,036	414,726	2,386,658	16,286	1,185,947	0	149,089	836,724
16								
17 Federal Tax Factor (Rate/1-Rate)								
18 RETURN ON RATE BASE @ 53.85%	687,635	223,314	1,285,123	8,770	638,587	0	80,279	450,544
19								
20 PLUS:								
21 Total Provision for Deferred Income Tax	(4,511)	(1,372)	(7,756)	(57)	(3,869)	0	(1,787)	(6,240)
22 Amortization of EIP Prepaid Tax Reversal	0	0	0	0	0	0	0	0
23 Total Investment Tax Credit Amortization	(15,922)	(8,342)	(44,980)	(315)	(22,312)	0	(970)	(3,809)
24								
25 NET ALLOWABLE FEDERAL INCOME TAX	667,203	213,600	1,232,387	8,398	612,406	0	77,522	440,495
26								
27								
28								
29 STATE INCOME TAX								
30								
31 RETURN ON RATE BASE @ 7.63%	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
32 LESS RETURN ADJUSTMENT:								
33 Interest on Long Term Debt	907,932	295,237	1,698,635	11,576	844,116	0	105,112	592,877
34 PLUS RETURN ADJUSTMENT:								
35 Tax/Book Adjustments	(55,711)	(15,580)	(92,247)	(595)	(45,940)	0	(4,812)	(36,849)
36 PLUS FEDERAL TAX ADJUSTMENTS:								
37 Net Allowable F I T	667,203	213,600	1,232,387	8,398	612,406	0	77,522	440,495
38 State Deferred Income Taxes	0	0	0	0	0	0	0	0
39 State Renewable PTC and ITC	0	0	0	0	0	0	0	0
40 New Mexico NOL Valuation Allowance	28,229	8,999	51,918	345	25,835	0	2,983	18,376
41 STATE TAXABLE INCOME	1,992,900	647,039	3,723,699	25,401	1,850,369	0	232,352	1,305,645
42 State Tax Factor (Rate/1-Rate)								
43 TOTAL STATE INCOME TAX	134,521	43,675	251,350	1,715	124,900	0	15,684	88,131
44 PLUS:								
45 State Deferred Income Taxes	0	0	0	0	0	0	0	0
46 New Mexico NOL Valuation Allowance	28,229	8,999	51,918	345	25,835	0	2,983	18,376
47 NET ALLOWABLE STATE INCOME TAX	162,750	52,675	303,267	2,059	150,734	0	18,667	106,507
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PNM EXHIBIT SAV-4
Page 42 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - @ REQUESTED ROR									
1 RETURN ON RATE BASE @ 7.63%		177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774
2 PLUS: TOTAL OPERATING EXPENSES		655,910,366	320,588,538	81,699,674	110,204,110	14,291,056	69,047,859	4,376,891	1,808,245
3 (EXCLUDING INCOME & REVENUE RELATED TAXES)									
4 PLUS:									
5 NET ALLOWABLE FEDERAL INCOME TAX		51,978,538	27,015,198	6,817,466	8,405,191	1,151,378	4,938,031	248,089	151,171
6 NET ALLOWABLE STATE INCOME TAX		12,823,151	6,670,128	1,683,133	2,074,261	283,558	1,217,437	60,904	37,069
7									
8 TOTAL REVENUE REQUIREMENTS BEFORE		898,277,354	446,575,853	113,486,732	149,390,034	19,647,020	92,094,356	5,535,510	2,509,259
9 REVENUE CREDITS & REVENUE TAX									
10									
11 TOTAL REVENUE REQUIREMENTS INCLUDING REVENUE TAX		902,772,292	448,811,891	114,054,496	150,136,712	19,745,189	92,554,852	5,563,213	2,521,798
12									
13 REVENUE CREDITS:									
14 LESS:									
15 Total Revenue Credits (Other Operating Revenue)		(14,444,080)	(6,906,767)	(1,848,035)	(2,571,720)	(344,071)	(1,547,655)	(88,307)	(43,765)
16									
17 SUBTOTAL REVENUE REQUIREMENTS		883,833,274	439,669,085	111,638,697	146,818,313	19,302,949	90,546,701	5,447,203	2,465,494
18									
19 REVENUE TAX:									
20 Revenue Tax Factor-I&S Fee (Rev Tax Rate/1- Rev Tax Rate)		0.508573%							
21 REVENUE TAX		4,494,937	2,236,038	567,764	746,678	98,170	460,496	27,703	12,539
22									
23 TOTAL REVENUE REQUIREMENTS		888,328,212	441,905,124	112,206,461	147,564,991	19,401,118	91,007,197	5,474,906	2,478,033
24 LESS FUEL		177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
25 TOTAL NON-FUEL REVENUE REQUIREMENTS		710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
1 RETURN ON RATE BASE @ 7.63%	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
2 PLUS: TOTAL OPERATING EXPENSES	10,101,675	3,884,030	21,798,519	172,833	10,756,453	0	1,635,395	5,545,087
3 (EXCLUDING INCOME & REVENUE RELATED TAXES)								
4 PLUS:								
5 NET ALLOWABLE FEDERAL INCOME TAX	667,203	213,600	1,232,387	8,398	612,406	0	77,522	440,495
6 NET ALLOWABLE STATE INCOME TAX	162,750	52,675	303,267	2,059	150,734	0	18,667	106,507
7								
8 TOTAL REVENUE REQUIREMENTS BEFORE	13,192,739	4,885,562	27,564,449	212,120	13,621,778	0	1,993,355	7,568,588
9 REVENUE CREDITS & REVENUE TAX								
10								
11 TOTAL REVENUE REQUIREMENTS INCLUDING REVENUE TAX	13,258,684	4,910,035	27,702,440	213,182	13,689,970	0	2,003,378	7,606,451
12								
13 REVENUE CREDITS:								
14 LESS:								
15 Total Revenue Credits (Other Operating Revenue)	(226,090)	(73,306)	(431,462)	(3,407)	(213,329)	0	(22,510)	(123,656)
16								
17 SUBTOTAL REVENUE REQUIREMENTS	12,966,650	4,812,255	27,132,987	208,713	13,408,449	0	1,970,846	7,444,932
18								
19 REVENUE TAX:								
20 Revenue Tax Factor-I&S Fee (Rev Tax Rate/1- Rev Tax Rate)								
21 REVENUE TAX	65,945	24,474	137,991	1,061	68,192	0	10,023	37,863
22								
23 TOTAL REVENUE REQUIREMENTS	13,032,595	4,836,729	27,270,978	209,775	13,476,641	0	1,980,869	7,482,795
24 LESS FUEL	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY CLASS									
1 FEDERAL INCOME TAX									
2									
3 OPERATING REVENUE									
4 SALES OF ELECTRICITY REVENUE									
5 NON FUEL REVENUE		710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
6 FUEL REVENUE		177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
7 TOTAL SALES OF ELECTRICITY REVENUE		888,328,212	441,905,124	112,206,461	147,564,991	19,401,118	91,007,197	5,474,906	2,478,033
8 OTHER OPERATING REVENUE		14,444,080	6,906,767	1,848,035	2,571,720	344,071	1,547,655	88,307	43,765
9 TOTAL OPERATING REVENUE		902,772,292	448,811,891	114,054,496	150,136,712	19,745,189	92,554,852	5,563,213	2,521,798
10 LESS:									
11 Operation and Maintenance Exp Excl Fuel		312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446
12 Operation and Maintenance Fuel Expense		177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
13 Depreciation and Amortization Expense		124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	460,507	360,668
14 General Taxes		33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437
15 Revenue Tax		4,494,937	2,236,038	567,764	746,678	98,170	460,496	27,703	12,539
16 Other Allowable Expenses		7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412	16,936
17 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		660,405,304	322,824,576	82,267,439	110,950,788	14,389,225	69,508,355	4,404,594	1,820,784
18									
19 NET OPERATING INCOME BEFORE INCOME TAXES		242,366,988	125,987,315	31,787,057	39,185,923	5,355,964	23,046,497	1,158,619	701,014
20 LESS:									
21 Interest on Long Term Debt		71,299,996	37,063,162	9,350,500	11,526,865	1,574,459	6,782,464	341,161	205,900
22									
23 PRE-TAX INCOME		171,066,992	88,924,153	22,436,557	27,659,058	3,781,505	16,264,033	817,459	495,113
24									
25 FEDERAL TAX ADJUSTMENT:									
26 PLUS:									
27 Permanent and Flow-Through Differences		(4,272,191)	(2,210,033)	(567,058)	(709,870)	(99,238)	(402,378)	(18,795)	(13,085)
28 LESS:									
29 State Income Tax		12,823,151	6,670,128	1,683,133	2,074,261	283,558	1,217,437	60,904	37,069
30 FEDERAL TAXABLE INCOME		153,971,649	80,043,992	20,186,366	24,874,927	3,398,708	14,644,218	737,759	444,960
31 Federal Tax Factor		35.00%							
32 CALCULATED FEDERAL INCOME TAXES		53,890,077	28,015,397	7,065,228	8,706,225	1,189,548	5,125,476	258,216	155,736
33									
34 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:									
35 Amortization of EIP Prepaid Tax Reversal		0	0	0	0	0	0	0	0
36 Total Provision for Deferred Income Tax		(438,653)	(259,114)	(56,935)	(54,956)	(7,816)	(31,522)	(1,544)	(1,173)
37 Investment Tax Credit Amortization		(1,472,887)	(741,085)	(190,827)	(246,077)	(30,353)	(155,923)	(8,582)	(3,391)
38									
39 NET ALLOWABLE FEDERAL INCOME TAX		51,978,538	27,015,198	6,817,466	8,405,191	1,151,378	4,938,031	248,089	151,171
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service Lg Power Service 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY								
1 FEDERAL INCOME TAX								
2								
3 OPERATING REVENUE								
4 SALES OF ELECTRICITY REVENUE								
5 NON FUEL REVENUE	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
6 FUEL REVENUE	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
7 TOTAL SALES OF ELECTRICITY REVENUE	13,032,595	4,836,729	27,270,978	209,775	13,476,641	0	1,980,869	7,482,795
8 OTHER OPERATING REVENUE	226,090	73,306	431,462	3,407	213,329	0	22,510	123,656
9 TOTAL OPERATING REVENUE	13,258,684	4,910,035	27,702,440	213,182	13,689,970	0	2,003,378	7,606,451
10 LESS:								
11 Operation and Maintenance Exp Excl Fuel	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284
12 Operation and Maintenance Fuel Expense	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
13 Depreciation and Amortization Expense	1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155
14 General Taxes	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844
15 Revenue Tax	65,945	24,474	137,991	1,061	68,192	0	10,023	37,863
16 Other Allowable Expenses	78,464	38,846	210,792	1,467	104,596	0	5,236	23,224
17 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,167,620	3,908,504	21,936,510	173,895	10,824,645	0	1,645,419	5,582,949
18								
19 NET OPERATING INCOME BEFORE INCOME TAXES	3,091,064	1,001,531	5,765,930	39,287	2,865,325	0	357,960	2,023,501
20 LESS:								
21 Interest on Long Term Debt	907,932	295,237	1,698,635	11,576	844,116	0	105,112	592,877
22								
23 PRE-TAX INCOME	2,183,132	706,295	4,067,295	27,711	2,021,209	0	252,848	1,430,624
24								
25 FEDERAL TAX ADJUSTMENT:								
26 PLUS:								
27 Permanent and Flow-Through Differences	(55,711)	(15,580)	(92,247)	(595)	(45,940)	0	(4,812)	(36,849)
28 LESS:								
29 State Income Tax	162,750	52,675	303,267	2,059	150,734	0	18,667	106,507
30 FEDERAL TAXABLE INCOME	1,964,671	638,040	3,671,781	25,056	1,824,535	0	229,368	1,287,268
31 Federal Tax Factor								
32 CALCULATED FEDERAL INCOME TAXES	687,635	223,314	1,285,123	8,770	638,587	0	80,279	450,544
33								
34 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:								
35 Amortization of EIP Prepaid Tax Reversal	0	0	0	0	0	0	0	0
36 Total Provision for Deferred Income Tax	(4,511)	(1,372)	(7,756)	(57)	(3,869)	0	(1,787)	(6,240)
37 Investment Tax Credit Amortization	(15,922)	(8,342)	(44,980)	(315)	(22,312)	0	(970)	(3,809)
38								
39 NET ALLOWABLE FEDERAL INCOME TAX	667,203	213,600	1,232,387	8,398	612,406	0	77,522	440,495

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY CLASS									
1 STATE INCOME TAX									
2									
3 NET OPERATING INCOME BEFORE INCOME TAXES		242,366,988	125,987,315	31,787,057	39,185,923	5,355,964	23,046,497	1,158,619	701,014
4 LESS:									
5 Interest on Long Term Debt		71,299,996	37,063,162	9,350,500	11,526,865	1,574,459	6,782,464	341,161	205,900
6 PLUS:									
7 Permanent and Flow-Through Differences		(6,548,598)	(3,397,067)	(867,342)	(1,080,084)	(149,960)	(616,853)	(29,198)	(19,674)
8 New Mexico NOL Valuation Allowance	Net_Plant	2,276,407	1,187,034	300,284	370,214	50,722	214,475	10,403	6,589
9 STATE TAXABLE INCOME		166,794,800	86,714,120	21,869,499	26,949,189	3,682,267	15,861,655	798,664	482,028
10 State Tax Factor		6.32%							
11 NET ALLOWABLE STATE INCOME TAX		10,546,744	5,483,094	1,382,849	1,704,047	232,837	1,002,962	50,501	30,480
12 PLUS:									
13 New Mexico NOL Valuation Allowance	Net_Plant	2,276,407	1,187,034	300,284	370,214	50,722	214,475	10,403	6,589
14 NET ALLOWABLE STATE INCOME TAX		12,823,151	6,670,128	1,683,133	2,074,261	283,558	1,217,437	60,904	37,069
15									
16									
17									
18									
19									
20 REVENUE TAX:									
21									
22 SALES REVENUE INCL FUEL		883,833,274	439,669,085	111,638,697	146,818,313	19,302,949	90,546,701	5,447,203	2,465,494
23 Revenue Tax Rate-I&S Fee		0.508573%							
24 REVENUE TAX		4,494,937	2,236,038	567,764	746,678	98,170	460,496	27,703	12,539
25									
26									
27									
28									
29									
30 TOTAL OPERATING REVENUE		902,772,292	448,811,891	114,054,496	150,136,712	19,745,189	92,554,852	5,563,213	2,521,798
31 LESS:									
32 OPERATING EXPENSES BEFORE INCOME TAXES									
33 Operation and Maintenance Exp Excl Fuel		312,193,280	163,397,776	39,495,680	48,312,594	6,368,087	29,732,599	1,746,087	836,446
34 Operation and Maintenance Fuel Expense		177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
35 Depreciation and Amortization Expense		124,925,643	67,683,446	16,378,831	19,188,897	2,668,702	10,767,075	480,507	360,668
36 General Taxes		33,675,661	17,691,085	4,530,998	5,386,925	752,454	2,911,767	143,331	103,437
37 Revenue Tax		4,411,437	2,017,787	612,905	815,694	132,636	457,747	33,118	11,314
38 Other Allowable Expenses		7,363,291	3,753,584	952,800	1,238,081	154,552	744,301	40,412	16,936
39 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		660,321,803	322,606,325	82,312,579	111,019,804	14,423,692	69,505,606	4,410,008	1,819,559
40 LESS:									
41 Net Allowable Federal Income Tax		51,978,538	27,015,198	6,817,466	8,405,191	1,151,378	4,938,031	248,089	151,171
42 Net Allowable State Income Tax		12,823,151	6,670,128	1,683,133	2,074,261	283,558	1,217,437	60,904	37,069
43									
44 NET OPERATING INCOME		177,648,800	92,520,239	23,241,318	28,637,455	3,886,561	16,893,778	844,211	513,999
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY								
1 STATE INCOME TAX								
2								
3 NET OPERATING INCOME BEFORE INCOME TAXES	3,091,064	1,001,531	5,765,930	39,287	2,865,325	0	357,960	2,023,501
4 LESS:								
5 Interest on Long Term Debt	907,932	295,237	1,698,635	11,576	844,116	0	105,112	592,877
6 PLUS:								
7 Permanent and Flow-Through Differences	(83,940)	(24,580)	(144,165)	(940)	(71,774)	0	(7,796)	(55,225)
8 New Mexico NOL Valuation Allowance	28,229	8,999	51,918	345	25,835	0	2,983	18,376
9 STATE TAXABLE INCOME	2,127,421	690,714	3,975,048	27,115	1,975,269	0	248,035	1,393,776
10 State Tax Factor								
11 NET ALLOWABLE STATE INCOME TAX	134,521	43,675	251,350	1,715	124,900	0	15,684	88,131
12 PLUS:								
13 New Mexico NOL Valuation Allowance	28,229	8,999	51,918	345	25,835	0	2,983	18,376
14 NET ALLOWABLE STATE INCOME TAX	162,750	52,675	303,267	2,059	150,734	0	18,667	106,507
15								
16								
17								
18								
19								
20 REVENUE TAX:								
21								
22 SALES REVENUE INCL FUEL	12,966,650	4,812,255	27,132,987	208,713	13,408,449	0	1,970,846	7,444,932
23 Revenue Tax Rate-I&S Fee								
24 REVENUE TAX	65,945	24,474	137,991	1,061	68,192	0	10,023	37,863
25								
26								
27								
28								
29								
30 TOTAL OPERATING REVENUE	13,258,684	4,910,035	27,702,440	213,182	13,689,970	0	2,003,378	7,606,451
31 LESS:								
32 OPERATING EXPENSES BEFORE INCOME TAXES								
33 Operation and Maintenance Exp Excl Fuel	4,143,664	1,553,807	8,752,049	68,455	4,331,136	0	993,617	2,461,284
34 Operation and Maintenance Fuel Expense	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
35 Depreciation and Amortization Expense	1,449,249	455,279	2,486,343	17,787	1,235,612	0	219,092	1,534,155
36 General Taxes	385,596	127,744	722,933	5,033	360,063	0	89,451	464,844
37 Revenue Tax	63,173	29,529	128,433	1,354	52,593	0	15,176	39,978
38 Other Allowable Expenses	78,464	38,846	210,792	1,467	104,596	0	5,236	23,224
39 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,164,849	3,913,559	21,926,952	174,187	10,809,046	0	1,650,572	5,585,064
40 LESS:								
41 Net Allowable Federal Income Tax	667,203	213,600	1,232,387	8,398	612,406	0	77,522	440,495
42 Net Allowable State Income Tax	162,750	52,675	303,267	2,059	150,734	0	18,667	106,507
43								
44 NET OPERATING INCOME	2,263,883	730,201	4,239,834	28,537	2,117,783	0	256,618	1,474,384
45								
46								
47								
48								
49								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

INCOME TAX ADJUSTMENTS

RETURN ADJUSTMENTS:										
2	Tax/Book Adjustments									
3	Non-deductible Meals	Total_Labor	524,902	310,062	68,130	65,761	9,353	37,720	1,848	1,404
4	Eastern Interconnect Project	Trans_3S1W	0	0	0	0	0	0	0	0
5	Palo Verde Units 1 & 2 Gain Amort Flow Through	Net_Prod_Plant	0	0	0	0	0	0	0	0
6	Palo Verde Units 1 & 2 Prudence Audit Flow Through	Net_Prod_Plant	(32,421)	(16,238)	(4,191)	(5,435)	(661)	(3,480)	(194)	(72)
7	AFUDC Equity Flow Through	Net_Plant	(8,293,247)	(4,324,519)	(1,093,974)	(1,348,739)	(184,786)	(781,361)	(37,901)	(24,005)
8	AFUDC Equity Flow Through - Renewables	Net_Plant	0	0	0	0	0	0	0	0
9	Federal Grant Amortization - Renewables	Net_Plant	0	0	0	0	0	0	0	0
10	Federal Grant Basis Adj - Renewables	Net_Plant	0	0	0	0	0	0	0	0
11	Gain/Loss Flow Through	Net_Plant	144,165	75,175	19,017	23,446	3,212	13,583	659	417
12	ACRS Flow Through	Net_Plant	2,531,578	1,320,093	333,944	411,713	56,407	238,516	11,570	7,328
13	San Juan ACRS Flow Through	Net_Prod_Plant	342,346	171,461	44,253	57,388	6,983	36,745	2,049	763
14	Four Corners SO2 Reversal Flow Through	Net_Prod_Plant	594,904	297,953	76,899	99,725	12,134	63,852	3,561	1,325
15	SL/GL Depreciation	Net_Plant	(84,418)	(44,020)	(11,136)	(13,729)	(1,881)	(7,954)	(386)	(244)
16	Amortization of EIP Prepaid Tax Reversal	Trans_3S1W	0	0	0	0	0	0	0	0
17	TOTAL TAX/BOOK ADJUSTMENTS		(4,272,191)	(2,210,033)	(567,058)	(709,870)	(99,238)	(402,378)	(18,795)	(13,085)
18										
19										
20										
21										
22										
23										
24	PLUS FEDERAL TAX ADJUSTMENTS:									
25	Net Provision For Deferred Income Tax									
26	Excess Payroll Tax Reversal	Total_Labor	(22,678)	(13,396)	(2,943)	(2,841)	(404)	(1,630)	(80)	(61)
27										
28	ARAM Deferred Tax Reversal	Total_Labor	(415,975)	(245,719)	(53,992)	(52,115)	(7,412)	(29,893)	(1,465)	(1,112)
29	Total Net Provision For Deferred Income Tax		(438,653)	(259,114)	(56,935)	(54,956)	(7,816)	(31,522)	(1,544)	(1,173)
30										
31	Investment Tax Credits									
32	Palo Verde 1&2 Production ITC Amortization	Net_Prod_Plant	(426,336)	(213,527)	(55,109)	(71,467)	(8,696)	(45,759)	(2,552)	(950)
33	Generation ITC Amortization	Net_Prod_Plant	(594,362)	(297,681)	(76,829)	(99,634)	(12,123)	(63,794)	(3,557)	(1,324)
34	Renewables ITC Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
35	PV Valley Transmission ITC Amortization	Trans_3S1W	0	0	0	0	0	0	0	0
36	Research and Development & Other Credits	Net_Prod_Plant	(287,137)	(143,810)	(37,116)	(48,133)	(5,857)	(30,819)	(1,719)	(640)
37	All Other ITC Amortization	Net_Plant	(165,052)	(86,066)	(21,772)	(26,843)	(3,678)	(15,551)	(754)	(478)
38	Total Investment Tax Credits		(1,472,887)	(741,085)	(190,827)	(246,077)	(30,353)	(155,923)	(8,582)	(3,391)
39										
40	TOTAL FEDERAL TAX ADJUSTMENTS		(1,911,540)	(1,000,199)	(247,762)	(301,033)	(38,170)	(187,445)	(10,126)	(4,564)

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
			10	11	12	13	14	15
total_Labor	5,397	1,642	9,281	68	4,629	0	2,138	7,467
ans_3S1W	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	(344)	(191)	(1,022)	(7)	(507)	0	(19)	(61)
et_Plant	(102,842)	(32,786)	(189,143)	(1,256)	(94,119)	0	(10,868)	(66,948)
et_Plant	0	0	0	0	0	0	0	0
et_Plant	0	0	0	0	0	0	0	0
et_Plant	0	0	0	0	0	0	0	0
et_Plant	1,788	570	3,288	22	1,636	0	189	1,164
et_Plant	31,393	10,008	57,737	383	28,730	0	3,317	20,436
et_Prod_Plant	3,632	2,013	10,789	76	5,350	0	197	648
et_Prod_Plant	6,311	3,498	18,748	132	9,297	0	343	1,126
et_Plant	(1,047)	(334)	(1,925)	(13)	(958)	0	(111)	(681)
ans_3S1W	0	0	0	0	0	0	0	0
	(55,711)	(15,580)	(92,247)	(595)	(45,940)	0	(4,812)	(36,849)
total_Labor	(233)	(71)	(401)	(3)	(200)	0	(92)	(323)
total_Labor	(4,277)	(1,301)	(7,355)	(54)	(3,669)	0	(1,694)	(5,918)
	(4,511)	(1,372)	(7,756)	(57)	(3,869)	0	(1,787)	(6,240)
et_Prod_Plant	(4,523)	(2,507)	(13,436)	(94)	(6,663)	0	(246)	(807)
et_Prod_Plant	(6,306)	(3,494)	(18,731)	(132)	(9,289)	0	(343)	(1,125)
et_Prod_Plant	0	0	0	0	0	0	0	0
ans_3S1W	0	0	0	0	0	0	0	0
et_Prod_Plant	(3,046)	(1,688)	(9,049)	(64)	(4,487)	0	(165)	(544)
et_Plant	(2,047)	(653)	(3,764)	(25)	(1,873)	0	(216)	(1,332)
	(15,922)	(8,342)	(44,980)	(315)	(22,312)	0	(970)	(3,809)
	(20,432)	(9,714)	(52,736)	(371)	(26,181)	0	(2,757)	(10,049)

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PUBLIC SERVICE COMPANY OF NEW MEXICO
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ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
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CAPITAL STRUCTURE

1	Percent of Total:	
2	Long-Term Debt	52.11141%
3	Preferred Stock	0.40985%
4	Common Equity	47.47874%
5	Total	100.00000%
6		
7	Cost of Capital:	
8	Long-Term Debt	5.87771%
9	Preferred Stock	4.62000%
10	Common Equity	9.57500%
11		
12	Weighted Cost of Capital:	
13	Long-Term Debt	3.0629585%
14	Preferred Stock	0.0189352%
15	Common Equity	4.5460890%
16		
17	Total Weighted Cost of Capital	7.6279827%
18		
19		
20	TAX RATES:	
21		
22	State Tax Rate	6.3231850%
23	State Tax Factor (Rate/1-Rate)	6.7500000%
24		
25	Federal Tax Rate	35.00000000%
26	Federal Tax Factor (Rate/1-Rate)	53.846154%
27	1 - INCREMENTAL TAX RATE	60.8899%
28		(0.3911)
29	Revenue Tax Factor (I&S Fee)	0.50857300%
30		
31		
32	Present Revenue Tax Factor (I&S Fee)	0.50857300%

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
	Industrial Power	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
ALLOCATION	Water & Sewage	Universities 115 kV	(Manuf., 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
	8	9	10	11	12	13	14	15

CAPITAL STRUCTURE

- 1 Percent of Total:
- 2 Long-Term Debt
- 3 Preferred Stock
- 4 Common Equity
- 5 Total
- 6
- 7 Cost of Capital:
- 8 Long-Term Debt
- 9 Preferred Stock
- 10 Common Equity
- 11
- 12 Weighted Cost of Capital:
- 13 Long-Term Debt
- 14 Preferred Stock
- 15 Common Equity
- 16
- 17 Total Weighted Cost of Capital
- 18
- 19
- 20 TAX RATES:
- 21
- 22 State Tax Rate
- 23 State Tax Factor (Rate/1-Rate)
- 24
- 25 Federal Tax Rate
- 26 Federal Tax Factor (Rate/1-Rate)
- 27 1 - INCREMENTAL TAX RATE
- 28
- 29 Revenue Tax Factor (I&S Fee)
- 30
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- 32 Present Revenue Tax Factor (I&S Fee)
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
REVENUE REQUIREMENTS USED IN UNBUNDLED REVENUES									
1	@ EXISTING RATES								
2									
3	RATE BASE	2,327,814,669	1,210,044,548	305,276,759	376,331,093	51,403,200	221,435,074	11,138,270	6,722,271
4	NET OPERATING INCOME (PRESENT RATES)	180,633,362	73,778,754	29,831,872	38,647,464	8,036,589	17,986,189	1,530,237	416,112
5	RATE OF RETURN (PRES RATES)	7.76%	6.10%	9.77%	10.27%	15.63%	8.12%	13.74%	6.19%
6	RELATIVE RATE OF RETURN	1.00	0.79	1.26	1.32	2.01	1.05	1.77	0.80
7	NON-FUEL SALES REVENUE (PRE RATES)	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
8	REVENUE PRESENT RATES \$/KWH	\$0.0856	\$0.1045	\$0.1064	\$0.0747	\$0.1078	\$0.0589	\$0.0564	\$0.0767
9	REVENUE REQUIRED - \$/MO/CUST	\$113.56	\$60.76	\$162.63	\$3,146.65	\$2,019.67	\$25,507.90	\$0.00	\$454.22
10									
11	@ REQUESTED ROR								
12									
13									
14	CLAIMED RATE OF RETURN	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
15	RETURN REQUIRED FOR CLAIMED ROR	177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774
16	NON-FUEL SALES REVENUE REQ CLAIMED ROR	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
17	REVENUE DEFICIENCY SALES REV	6,469,403	38,778,859	(9,996,267)	(15,111,842)	(6,988,818)	(945,198)	(1,194,243)	213,565
18	PERCENT INCREASE REQUIRED	0.92%	11.57%	-9.81%	-11.94%	-31.71%	-1.41%	-25.40%	12.04%
19	ANNUAL BOOKED KWH SALES	8,229,731,860	3,205,430,362	957,517,502	1,694,616,391	204,556,976	1,139,164,989	83,452,880	23,112,497
20	SALES REVENUE REQUIRED \$/KWH	\$0.0863	\$0.1166	\$0.0959	\$0.0658	\$0.0736	\$0.0580	\$0.0420	\$0.0860
21	REVENUE DEFICIENCY \$/KWH	\$0.0008	\$0.0121	(\$0.0104)	(\$0.0089)	(\$0.0342)	(\$0.0008)	(\$0.0143)	\$0.0092
22									
23									
24	REQUESTED REVENUE INCREASE BY CLASS								
25									
26	PROPOSED NON-FUEL SALES REVENUES	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
27	REVENUE DEFICIENCY SALES REVENUE	6,469,403	38,778,859	(9,996,267)	(15,111,842)	(6,988,818)	(945,198)	(1,194,243)	213,565
28	PERCENT INCREASE PROPOSED	0.92%	11.57%	-9.81%	-11.94%	-31.71%	-1.41%	-25.40%	12.04%
29	PROPOSED RATE OF RETURN	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
30	RETURN REQUIRED FOR PROPOSED REV	177,565,299	92,301,988	23,286,458	28,706,471	3,921,027	16,891,029	849,625	512,774
31	ANNUAL BOOKED KWH SALES	8,229,731,860	3,205,430,362	957,517,502	1,694,616,391	204,556,976	1,139,164,989	83,452,880	23,112,497
32	SALES REVENUE REQUIRED \$/KWH	\$0.0863	\$0.1166	\$0.0959	\$0.0658	\$0.0736	\$0.0580	\$0.0420	\$0.0860
33	REVENUE DEFICIENCY \$/KWH	\$0.0008	\$0.0121	(\$0.0104)	(\$0.0089)	(\$0.0342)	(\$0.0008)	(\$0.0143)	\$0.0092
34									
35									
36									
37	WORKING SECTION								
38									
39									
40	ANNUAL CUSTOMERS	6,200,160	5,514,182	626,319	40,233	10,914	2,629	24	3,905
41	REVENUE REQUIRED - \$/MO/CUST	45,635	\$67.80	\$146.67	\$2,771.04	\$1,379.32	\$25,148.38	\$0.00	\$508.91
42	REV DEFIC PER BILLING UNIT	(1,159)	\$7.03	(\$15.96)	(\$375.61)	(\$640.35)	(\$359.53)	\$0.00	\$54.69
43									
44	(Revenue Requirements)								
45	Non-Fuel Revenue	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
46									
47	Non-Fuel Revenue - Proposed	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
48									
49									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
REVENUE REQUIREMENTS USED IN UNBUNDLED REVENUES								
1 @ EXISTING RATES								
2								
3 RATE BASE	29,642,330	9,638,934	55,457,328	377,942	27,558,855	0	3,431,717	19,356,347
4 NET OPERATING INCOME (PRESENT RATES)	2,166,426	1,360,303	3,573,671	64,461	576,248	0	848,593	1,816,444
5 RATE OF RETURN (PRES RATES)	7.31%	14.11%	6.44%	17.06%	2.09%	0.00%	24.73%	9.38%
6 RELATIVE RATE OF RETURN	0.94	1.82	0.83	2.20	0.27	0.00	3.19	1.21
7 NON-FUEL SALES REVENUE (PRE RATES)	8,667,799	4,233,413	16,347,349	192,474	5,971,336	0	2,676,031	6,914,456
8 REVENUE PRESENT RATES \$/KWH	\$0.0500	\$0.0601	\$0.0400	\$0.0510	\$0.0298	\$0.0000	\$0.1733	\$0.1384
9 REVENUE REQUIRED - \$/MO/CUST	\$4,635.19	\$0.00	\$0.00	\$16,039.52	\$0.00	\$0.00	\$0.00	\$0.00
10								
11								
12 @ REQUESTED ROR								
13								
14 CLAIMED RATE OF RETURN	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
15 RETURN REQUIRED FOR CLAIMED ROR	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
16 NON-FUEL SALES REVENUE REQ CLAIMED ROR	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
17 REVENUE DEFICIENCY SALES REV	320,093	(1,105,039)	1,297,228	(62,791)	2,780,259	0	(1,023,162)	(493,241)
18 PERCENT INCREASE REQUIRED	3.69%	-26.10%	7.94%	-32.62%	46.56%	0.00%	-38.23%	-7.13%
19 ANNUAL BOOKED KWH SALES	173,242,928	70,433,581	408,507,087	3,771,971	200,512,596	0	15,439,801	49,972,300
20 SALES REVENUE REQUIRED \$/KWH	\$0.0519	\$0.0444	\$0.0432	\$0.0344	\$0.0436	\$0.0000	\$0.1071	\$0.1285
21 REVENUE DEFICIENCY \$/KWH	\$0.0018	(\$0.0157)	\$0.0032	(\$0.0166)	\$0.0139	\$0.0000	(\$0.0663)	(\$0.0099)
22								
23								
24 REQUESTED REVENUE INCREASE BY CLASS								
25								
26 PROPOSED NON-FUEL SALES REVENUES	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
27 REVENUE DEFICIENCY SALES REVENUE	320,093	(1,105,039)	1,297,228	(62,791)	2,780,259	0	(1,023,162)	(493,241)
28 PERCENT INCREASE PROPOSED	3.69%	-26.10%	7.94%	-32.62%	46.56%	0.00%	-38.23%	-7.13%
29 PROPOSED RATE OF RETURN	7.63%	7.63%	7.63%	7.63%	7.63%	0.00%	7.63%	7.63%
30 RETURN REQUIRED FOR PROPOSED REV	2,261,112	735,256	4,230,275	28,829	2,102,185	0	261,771	1,476,499
31 ANNUAL BOOKED KWH SALES	173,242,928	70,433,581	408,507,087	3,771,971	200,512,596	0	15,439,801	49,972,300
32 SALES REVENUE REQUIRED \$/KWH	\$0.0519	\$0.0444	\$0.0432	\$0.0344	\$0.0436	\$0.0000	\$0.1071	\$0.1285
33 REVENUE DEFICIENCY \$/KWH	\$0.0018	(\$0.0157)	\$0.0032	(\$0.0166)	\$0.0139	\$0.0000	(\$0.0663)	(\$0.0099)
34								
35								
36								
37 WORKING SECTION								
38								
39								
40 ANNUAL CUSTOMERS	1,870	12	12	12	48	0	0	0
41 REVENUE REQUIRED - \$/MO/CUST	\$4,806.36	\$0.00	\$0.00	\$10,806.90	\$0.00	\$0.00	\$0.00	\$0.00
42 REV DEFIC PER BILLING UNIT	\$171.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
43								
44 (Revenue Requirements)								
45 Non-Fuel Revenue	8,667,799	4,233,413	16,347,349	192,474	5,971,336	0	2,676,031	6,914,456
46								
47 Non-Fuel Revenue - Proposed	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
48								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
WAGES AND SALARIES ALLOCATON FACTOR									
1 OPERATION AND MAINTENANCE WAGE AND SALARIES EXPENSE									
2									
3 PRODUCTION	OPRODEXP	22,118,429	11,077,829	2,859,092	3,707,749	451,147	2,374,010	132,381	49,278
4 TRANSMISSION	TRANEXP	3,327,249	1,666,226	429,821	558,075	67,878	357,140	19,942	7,401
5									
6 DISTRIBUTION									
7 Operation									
8 580-Supervision and Engineering	EXP58189	1,430,798	823,408	258,110	179,072	36,822	69,938	601	8,860
9 581-Load Dispatching	OX581	0	0	0	0	0	0	0	0
10 582-Station Equipment	OX582	13,806	6,543	1,820	2,282	383	1,519	133	59
11 583-Overhead Line Expenses	OX583	1,839,785	978,078	272,089	341,169	57,318	134,593	0	8,783
12 584-Underground Line Expenses	OX584	484,439	257,540	71,645	89,834	15,093	35,440	0	2,313
13 585-Street Lighting and Signal Systems Expenses	OX585	79,673	0	0	0	0	0	0	0
14 586-Meter Expenses	OX586	2,787,935	1,754,507	595,301	220,645	61,588	77,603	705	21,146
15 587-Customer Installations Expenses	CUST371	0	0	0	0	0	0	0	0
16 588-Miscellaneous Distribution Expenses	OX588	4,086,938	2,228,512	568,923	660,680	112,813	292,963	7,172	18,154
17 589-Rents	OX589	0	0	0	0	0	0	0	0
18 Total Operation Expense		10,723,374	6,048,589	1,767,889	1,493,682	284,017	612,056	8,611	59,314
19 Maintenance									
20 590-Maintenance of Supervision and Engineering	EXP59198	61,562	27,843	7,778	9,270	1,579	4,112	100	252
21 591-Maintenance of Structures	MX591	0	0	0	0	0	0	0	0
22 592-Maintenance of Station Equipment	MX592	789,925	374,384	104,149	130,591	21,940	86,925	7,633	3,362
23 593-Maintenance of Overhead Lines	MX593	450,178	239,327	66,578	83,481	14,025	32,934	0	2,149
24 594-Maintenance of Underground Lines	MX594	378,870	201,417	56,032	70,257	11,804	27,717	0	1,809
26 596-Maintenance of Street Lighting & Signal Systems	MX596	602,665	0	0	0	0	0	0	0
27 597-Maintenance of Meters	MX597	248,490	156,380	53,059	19,666	5,489	6,917	63	1,885
28 598-Maintenance of Miscellaneous Distribution Plant	MX598	0	0	0	0	0	0	0	0
29 Total Maintenance Expense		2,531,690	999,352	287,596	313,266	54,837	158,604	7,797	9,457
30 TOTAL DISTRIBUTION		13,255,064	7,047,941	2,055,485	1,806,948	338,854	770,660	16,408	68,772
31 TOTAL PRODUCTION, TRANSMISSION, & DISTRIBUTION		38,700,742	19,791,996	5,344,398	6,072,771	857,879	3,501,810	168,731	125,450
32									
33 CUSTOMER ACCOUNTING	CAEXP	7,782,920	6,933,096	785,905	46,132	13,195	194	(216)	4,854
34 CUSTOMER SERVICE & INFORMATION	CSIEXP	611,285	481,735	63,391	27,987	3,851	17,328	1,354	646
35 SALES	SALESEXP	3,102,864	2,445,275	321,769	142,062	19,547	87,956	6,875	3,277
36 TOTAL CA, CS&I, AND SALES		11,497,069	9,860,106	1,171,065	216,182	36,593	105,478	8,014	8,777
37									
38 TOTAL WAGES AND SALARIES EXCLUDING A&G		50,197,811	29,652,102	6,515,463	6,288,953	894,472	3,607,288	176,745	134,227
39									
40 ADMINISTRATIVE AND GENERAL	SALWAGESX	3,916,960	2,313,768	508,405	490,730	69,796	281,479	13,792	10,474
41									
42 TOTAL O&M WAGES AND SALARIES EXPENSE		54,114,771	31,965,871	7,023,868	6,779,683	964,268	3,888,767	190,537	144,701
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
PRODEXP	234,659	130,040	697,044	4,898	345,674	0	12,748	41,880
RANEXP	35,280	19,513	104,881	736	52,019	0	1,946	6,392
EXP58189	25,816	97	1,316	97	1,016	0	5,967	19,678
OX581	0	0	0	0	0	0	0	0
OX582	343	0	400	0	206	0	27	89
OX583	30,419	0	0	0	0	0	4,087	13,248
OX584	8,010	0	0	0	0	0	1,076	3,488
OX585	0	0	0	0	0	0	18,806	60,867
OX586	53,970	353	353	353	1,411	0	0	0
UST371	0	0	0	0	0	0	0	0
OX588	68,909	26	21,359	26	11,096	0	10,654	85,651
OX589	0	0	0	0	0	0	0	0
	187,467	476	23,427	476	13,729	0	40,618	183,022
EXP59198	962	0	299	0	155	0	2,161	7,048
MX591	0	0	0	0	0	0	0	0
MX592	19,646	0	22,873	0	11,786	0	1,565	5,071
MX593	7,443	0	0	0	0	0	1,000	3,242
MX594	6,264	0	0	0	0	0	842	2,728
MX596	0	0	0	0	0	0	142,252	460,413
MX597	4,810	31	31	31	126	0	0	0
MX598	0	0	0	0	0	0	0	0
	39,125	32	23,204	32	12,067	0	147,819	478,502
	226,592	508	46,632	508	25,796	0	188,437	661,524
	496,531	150,060	848,557	6,142	423,489	0	203,131	709,796
AEXP	1,848	(199)	(1,190)	5	(531)	0	(41)	(133)
SIEXP	2,929	1,176	6,622	56	3,254	0	226	730
SALESEXP	14,870	5,969	33,613	284	16,515	0	1,145	3,706
	19,647	6,946	39,045	346	19,238	0	1,330	4,303
	516,178	157,006	887,602	6,487	442,727	0	204,461	714,100
ALWAGESX	40,278	12,251	69,260	506	34,546	0	15,954	55,722
	556,455	169,258	956,862	6,993	477,274	0	220,415	769,821

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION FACTOR TABLE

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
4CP_3S1W	1,633,922	818,336	211,206	273,897	33,327	175,372	9,779	3,640
rans_3S1W	1,563,061	782,752	201,919	262,170	31,888	167,776	9,368	3,477
CP	1,859,832	869,184	241,796	303,185	50,937	201,808	17,722	7,805
CP_Sub	1,833,919	869,184	241,796	303,185	50,937	201,808	17,722	7,805
CP_Pri	1,735,731	869,184	241,796	303,185	50,937	201,808	0	7,805
CP_Sec	1,488,313	869,184	241,796	303,185	50,937	0	0	7,805
VGDEMAND	1,024,470	401,994	120,082	212,522	25,654	139,479	10,020	2,899
nergy	8,974,354,000	3,521,463,243	1,051,921,991	1,861,693,644	224,724,854	1,221,835,814	87,774,756	25,391,227
nergy1	8,974,354,000	3,521,463,243	1,051,921,991	1,861,693,644	224,724,854	1,221,835,814	87,774,756	25,391,227
nergy2	8,900,377,640	3,521,463,243	1,051,921,991	1,861,693,644	224,724,854	1,221,835,814	87,774,756	25,391,227
nergy4	7,328,535,651	2,806,146,551	838,651,647	1,487,439,493	179,232,669	1,026,273,993	81,078,785	20,233,409

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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ALLOCATION FACTOR TABLE

1 DEMAND RELATED

2 DEMAND - PRODUCTION RELATED

3 Production 4CP - 3CP Summer, 1CP Winter _4CP_3S1W 17,335 9,606 51,492 362 25,535 0 942 3,094

12 DEMAND - TRANSMISSION RELATED

13 Transmission Demand (based on 3S1WCP) Trans_3S1W 16,574 9,167 49,271 346 24,437 0 914 3,003

16 DEMAND - DISTRIBUTION RELATED

17 Max Non Coincident Peak NCP 45,610 25,020 53,104 893 27,362 0 3,632 11,773

18 Max Non Coincident Peak - Substation Level NCP_Subs 45,610 0 53,104 0 27,362 0 3,632 11,773

19 Max Non Coincident Peak - Primary Level NCP_Pri 45,610 0 0 0 0 0 3,632 11,773

20 Max Non Coincident Peak - Secondary Level NCP_Sec 0 0 0 0 0 0 3,632 11,773

22 Average Demand AVGDemand 21,212 8,445 49,307 452 24,202 0 1,936 6,267

27 ENERGY RELATED

29 Energy - kWh at Generation (used for Base Fuel Items) Energy 185,815,414 73,976,360 431,926,089 3,961,700 212,007,635 0 16,962,057 54,899,217

30 Energy - kWh at Generation (used for Other Fuel Items) Energy1 185,815,414 73,976,360 431,926,089 3,961,700 212,007,635 0 16,962,057 54,899,217

31 Energy - kWh at Generation (excludes transmission cust) Energy2 185,815,414 0 431,926,089 3,961,700 212,007,635 0 16,962,057 54,899,217

33 Energy - kWh at Meter (Non-renewable only) Energy4 166,758,535 70,433,581 396,885,744 3,302,102 194,808,348 0 13,523,047 43,767,746

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION FACTOR TABLE CONTINUED

Base Period Ending 6/30/2016			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
ALLOCATION			Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
ALLOCATION FACTOR TABLE CONTINUED										
1	CUSTOMER RELATED									
2										
3	<u>CUSTOMER RELATED - DISTRIBUTION</u>									
4	Annual Customers (Bills)	Annual_Customers	6,200,160	5,514,182	626,319	40,233	10,914	2,629	24	3,905
5										
6										
7	Number of Meters		518,288	461,061	52,254	3,339	932	220	2	320
8	Marginal Capital Cost for Meters		94,044	117	352	2,040	2,040	10,888	10,888	2,040
9	Customer Weighted Meter Costs	Wtd_Meters	86,054,941	54,156,225	18,375,119	6,810,625	1,901,019	2,395,375	21,776	652,710
10										
11	Number of Services		120,605	107,951	12,532	0	0	0	0	0
12	Marginal Capital Cost for Secondary Service		782	568	214	0	0	0	0	0
13	Customer Weighted Service Costs	Wtd_Services	64,038,391	61,360,428	2,677,963	0	0	0	0	0
14										
15	Installation on Customer Premises - Direct Assignment	CUST371	557,427	0	0	0	0	0	0	0
16	Street Lighting and Signal Systems - Direct Assignment	CUST373	11,517,791	0	0	0	0	0	0	0
17										
18	Customer Deposit Percentages	Customer_Deposits	\$ 928,187.68	\$601,074	\$107,007	\$196,400	\$23,707	\$ -	\$ -	\$ -
19										
20	902-Meter Reading Expenses	CUST902	6,200,160	5,514,182	626,319	40,233	10,914	2,629	24	3,905
21	903-Customer Records and Collection Expenses	CUST903	6,200,160	5,514,182	626,319	40,233	10,914	2,629	24	3,905
22										
23	904-Uncollectible Percentages		100.000%	89.715%	2.413%	4.427%	0.534%	2.911%	0.000%	0.000%
24	904 - Uncollectible Expense	_EXP904	3,426,521	3,074,112	82,667	151,681	18,309	99,752	0	0
25										
26	Annual Number of Customers	Annual_Customers	0.8000	0.711489	0.080813	0.005191	0.001408	0.000339	0.000003	0.000504
27	Annual kWh @ Meter	ENERGY4	0.2000	0.076581	0.022887	0.040593	0.004891	0.028008	0.002213	0.000552
28	Weighted Customer/Energy Allocation Factor	CUSTEXP	1.0000	0.788070	0.103701	0.045784	0.006300	0.028347	0.002216	0.001056
29										
30	Dedicated Facilities-FERC	DFERC	0	0	0	0	0	0	0	0
31										
32	Streetlight Energy - kWh at generation	St_Lights	71,861,274	0	0	0	0	0	0	0

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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ALLOCATION FACTOR TABLE CONTINUED

2	CUSTOMER RELATED									
3	CUSTOMER RELATED - DISTRIBUTION									
4	Annual Customers (Bills)	Annual_Customers	1,870	12	12	12	48	0	0	0
5										
6										
7	Number of Meters		153	1	1	1	4	0	0	0
8	Marginal Capital Cost for Meters		10,888	10,888	10,888	10,888	10,888	10,888	0	352
9	Customer Weighted Meter Costs	Wtd_Meters	1,665,875	10,888	10,888	10,888	43,552	0	0	0
10										
11	Number of Services		0	0	0	0	0	0	0	122
12	Marginal Capital Cost for Secondary Service		0	0	0	0	0	0	0	0
13	Customer Weighted Service Costs	Wtd_Services	0	0	0	0	0	0	0	0
14										
15	Installation on Customer Premises - Direct Assignment	CUST371	0	0	0	0	0	0	557,427	0
16	Street Lighting and Signal Systems - Direct Assignment	CUST373	0	0	0	0	0	0	0	11,517,791
17										
18	Customer Deposit Percentages	Customer_Deposits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19										
20	902-Meter Reading Expenses	CUST902	1,870	12	12	12	48	0	0	0
21	903-Customer Records and Collection Expenses	CUST903	1,870	12	12	12	48	0	0	0
22										
23	904-Uncollectible Percentages		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
24	904 - Uncollectible Expense	_EXP904	0	0	0	0	0	0	0	0
25										
26	Annual Number of Customers	Annual_Customers	0.000241	0.000002	0.000002	0.000002	0.000006	0.000000	0.000000	0.000000
27	Annual kWh @ Meter	ENERGY4	0.004551	0.001922	0.010831	0.000090	0.005316	0.000000	0.000369	0.001194
28	Weighted Customer/Energy Allocation Factor	CUSTEXP	0.004792	0.001924	0.010833	0.000092	0.005323	0.000000	0.000369	0.001194
29										
30	Dedicated Facilities-FERC	DFERC	0	0	0	0	0	0	0	0
31										
32	Streetlight Energy - kWh at generation	St_Lights	0	0	0	0	0	0	16,962,057	54,899,217

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

Base Period Ending 6/30/2016			Residential	Small Power	General Power	General Power	Large Power	Mines		
			Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10	
			Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation	
			1	2	3	4	5	(Mines, Multi Volt)	7	
ALLOCATION FACTOR TABLE CONTINUED			Total							
			PNM							
			Consolidated							
ALLOCATION										
INTERNALLY DEVELOPED										
1										
2										
3										
4	Total Net Plant	Net_Plant	2,574,240,319	1,342,339,344	339,571,761	418,651,277	57,357,884	242,535,911	11,764,637	7,451,252
5										
6	Net Production Plant	Net_Prod_Plant	1,371,665,742	686,987,251	177,305,493	229,934,607	27,977,679	147,223,290	8,209,566	3,055,954
7	Net Transmission Plant	Net_Trans_Plant	290,962,201	145,708,570	37,587,079	48,802,664	5,935,853	31,231,245	1,743,928	647,192
8	Net Distribution Plant	Net_Dist_Plant	776,388,238	423,346,427	108,077,280	125,508,107	21,430,881	55,653,745	1,362,358	3,448,695
9	Net Distribution Substations	Net_Dist_Sub	139,953,072	66,330,614	18,452,356	23,137,159	3,887,167	15,400,731	1,352,435	595,660
10	Total Net Transmission & Distribution Plant	Net_TD_Plant	1,067,350,440	569,054,997	145,664,358	174,310,771	27,366,734	86,884,990	3,106,285	4,095,887
11	Net General and Intangible Plant	Net_GI_Plant	135,224,138	86,297,095	16,601,909	14,405,899	2,013,470	8,427,630	448,786	299,412
12										
13	Secondary Net Distribution Plant	Net_Dist_Sec	198,485,602	115,916,831	32,246,628	40,433,609	6,793,064	0	0	1,040,953
14	Primary & Secondary Net Distribution Plant	Net_Dist_Pri_Sec	535,309,670	284,584,701	79,167,942	99,267,607	16,677,492	39,161,533	0	2,555,620
15										
16	Account 370 - Meters	_PLT370	39,211,939	24,676,916	8,372,838	3,103,341	866,222	1,091,481	9,923	297,415
17	Account 371 - Installations on Customer Premises	_PLT371	557,427	0	0	0	0	0	0	0
18	Account 373 - Street Lighting and Signal Systems	_PLT373	11,517,791	0	0	0	0	0	0	0
19										
20	Distribution Substations	PLTDSUB	70,932	35,526	9,169	11,890	1,447	7,613	425	158
21										
22										
23	Accounts 369 & 370 - Services and Meters	_PLT36970	89,050,278	72,431,111	10,456,982	3,103,341	866,222	1,091,481	9,923	297,415
24	Accounts 371 & 373 - Lighting	_PLT37173	12,075,218	0	0	0	0	0	0	0
25										
26										
27	Account 582-Station Equipment	_OX582	154,647	73,295	20,390	25,566	4,295	17,018	1,494	658
28	Account 583-Overhead Line Expenses	_OX583	1,923,737	1,022,709	284,505	356,737	59,934	140,734	0	9,184
29	Account 584-Underground Line Expenses	_OX584	509,717	270,979	75,383	94,522	15,880	37,289	0	2,433
30	Account 585-Street Lighting and Signal Systems Expenses	_OX585	80,278	0	0	0	0	0	0	0
31	Account 586-Meter Expenses	_OX586	3,199,733	2,013,661	683,232	253,236	70,685	89,066	810	24,269
32										
33	Account 588-Miscellaneous Distribution Expenses	_OX588	5,997,940	3,270,537	834,944	969,605	165,563	429,950	10,525	26,643
34	Account 589-Rents	_OX589	119,568	65,198	16,644	19,329	3,300	8,571	210	531
35	Accounts 581-587, 589	_EXP58189	5,987,681	3,445,842	1,080,154	749,390	154,094	292,678	2,514	37,076
36										
37	Account 591-Maintenance of Structures	_MX591	40,925	22,315	5,697	6,616	1,130	2,934	72	182
38	Account 592-Maintenance of Station Equipment	_MX592	1,097,302	520,065	144,676	181,407	30,477	120,749	10,604	4,670
39	Account 593-Maintenance of Overhead Lines	_MX593	2,927,227	1,556,191	432,913	542,824	91,197	214,147	0	13,975
40	Account 594-Maintenance of Underground Lines	_MX594	1,293,526	687,672	191,302	239,871	40,300	94,630	0	6,175
41										
42	Account 596-Maintenance of Street Lighting & Signal Systems	_MX596	998,002	0	0	0	0	0	0	0
43	Account 597-Maintenance of Meters	_MX597	259,945	163,589	55,505	20,573	5,742	7,236	66	1,972
44	Account 598-Maintenance of Miscellaneous Distribution Plant	_MX598	461,279	251,524	64,212	74,569	12,733	33,066	809	2,049
45	Accounts 591-598	_EXP59198	7,078,206	3,201,357	894,305	1,065,859	181,579	472,761	11,551	29,023
46										
47										
48										
49										
50										

PNM EXHIBIT SAV-4
Page 61 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
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ALLOCATION FACTOR TABLE CONTINUED

1 INTERNALLY DEVELOPED

3										
4	Total Net Plant	Net_Plant	31,922,312	10,176,939	58,710,449	389,916	29,214,617	0	3,373,356	20,780,665
5										
6	Net Production Plant	Net_Prod_Plant	14,552,274	8,064,375	43,226,924	303,770	21,436,837	0	790,560	2,597,161
7	Net Transmission Plant	Net_Trans_Plant	3,085,161	1,706,335	9,171,697	64,333	4,549,011	0	170,133	559,001
8	Net Distribution Plant	Net_Dist_Plant	13,090,523	4,961	4,057,491	4,961	2,107,946	0	2,023,868	16,270,996
9	Net Distribution Substations	Net_Dist_Subs	3,480,671	0	4,052,530	0	2,088,100	0	277,189	898,459
10	Total Net Transmission & Distribution Plant	Net_TD_Plant	16,175,683	1,711,296	13,229,189	69,294	6,656,956	0	2,194,001	16,829,997
11	Net General and Intangible Plant	Net_GI_Plant	1,194,355	401,268	2,254,337	16,851	1,120,824	0	388,795	1,353,507
12										
13	Secondary Net Distribution Plant	Net_Dist_Sec	0	0	0	0	0	0	484,405	1,570,112
14	Primary & Secondary Net Distribution Plant	Net_Dist_Pri_Sec	8,850,776	0	0	0	0	0	1,189,252	3,854,746
15										
16	Account 370 - Meters	_PLT370	759,075	4,961	4,961	4,961	19,845	0	0	0
17	Account 371 - Installations on Customer Premises	_PLT371	0	0	0	0	0	0	557,427	0
18	Account 373 - Street Lighting and Signal Systems	_PLT373	0	0	0	0	0	0	0	11,517,791
19										
20	Distribution Substations	PLTDSUB	753	417	2,235	16	1,109	0	41	134
21										
22										
23	Accounts 369 & 370 - Services and Meters	_PLT36970	759,075	4,961	4,961	4,961	19,845	0	0	0
24	Accounts 371 & 373 - Lighting	_PLT37173	0	0	0	0	0	0	557,427	11,517,791
25										
26										
27	Account 582-Station Equipment	_OX582	3,846	0	4,478	0	2,307	0	306	993
28	Account 583-Overhead Line Expenses	_OX583	31,807	0	0	0	0	0	4,274	13,853
29	Account 584-Underground Line Expenses	_OX584	8,428	0	0	0	0	0	1,132	3,670
30	Account 585-Street Lighting and Signal Systems Expenses	_OX585	0	0	0	0	0	0	18,949	61,329
31	Account 586-Meter Expenses	_OX586	61,941	405	405	405	1,619	0	0	0
32										
33	Account 588-Miscellaneous Distribution Expenses	_OX588	101,130	38	31,346	38	16,285	0	15,635	125,701
34	Account 589-Rents	_OX589	2,016	1	625	1	325	0	312	2,506
35	Accounts 581-587, 589	_EXP58189	108,038	406	5,508	406	4,251	0	24,973	82,351
36										
37	Account 591-Maintenance of Structures	_MX591	690	0	214	0	111	0	107	858
38	Account 592-Maintenance of Station Equipment	_MX592	27,290	0	31,774	0	16,372	0	2,173	7,044
39	Account 593-Maintenance of Overhead Lines	_MX593	48,399	0	0	0	0	0	6,503	21,079
40	Account 594-Maintenance of Underground Lines	_MX594	21,387	0	0	0	0	0	2,874	9,315
41										
42	Account 596-Maintenance of Street Lighting & Signal Systems	_MX596	0	0	0	0	0	0	235,567	762,435
43	Account 597-Maintenance of Meters	_MX597	5,032	33	33	33	132	0	0	0
44	Account 598-Maintenance of Miscellaneous Distribution Plant	_MX598	7,778	3	2,411	3	1,252	0	1,202	9,667
45	Accounts 591-598	_EXP59198	110,575	36	34,431	36	17,867	0	248,427	810,398

PNM EXHIBIT SAV-4
Page 62 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION FACTOR TABLE CONTINUED

Base Period Ending 6/30/2016			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
		ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
ALLOCATION FACTOR TABLE CONTINUED										
1	INTERNALLY DEVELOPED									
2										
3	Total O&M Other Production Expense	OPRODEXP	16,450,906	8,239,298	2,126,492	2,757,693	335,547	1,765,705	98,460	36,651
4	Total O&M Transmission Expense	TRANEXP	28,607,319	14,326,024	3,695,551	4,798,264	583,611	3,070,647	171,462	63,632
5	Total O&M Distribution Expense	DISTEXP	22,464,056	11,777,634	3,380,284	3,230,408	588,677	1,375,679	26,970	112,151
6	Total O&M Customer Accounts Expense	CAEXP	11,894,589	10,595,808	1,201,095	70,503	20,166	296	(330)	7,419
7	Total O&M Customer Service & Information Expense	CSIEXP	883,324	696,122	91,601	40,442	5,565	25,039	1,957	933
8	Total O&M Sales Expense	SALESEXP	3,621,658	2,854,121	375,568	165,815	22,815	102,663	8,025	3,825
9										
10	Total O&M less Fuel & Purchased Power	OMXFPP	273,859,180	148,719,387	35,108,861	40,532,096	5,430,557	24,364,366	1,321,980	730,609
11										
12	Net Customer General & Intangible Plant	GI_Cust_NP	36,184,846	28,516,205	3,752,389	1,656,698	227,950	1,025,726	80,178	38,213
13										
14	Net General & Intangible Production Plant	GI_Prod_NP	34,752,124	17,405,309	4,492,160	5,825,556	708,834	3,730,006	207,995	77,425
15	Net General & Intangible Transmission Plant	GI_Trans_NP	19,409,680	9,720,014	2,507,381	3,255,557	395,972	2,083,393	116,335	43,173
16	Net General & Intangible Distribution/Customer Plant	GI_DistCust_NP	44,877,487	30,655,567	5,849,979	3,668,087	680,714	1,588,506	44,278	140,601
17										
18										
19										
20	TOU Meter Counts	TOU_meters	13,408	452	3,682	4,287	4,287	235	2	266
21										
22										
23										
24										
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27										
28										
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION FACTOR TABLE CONTINUED

2	INTERNALLY DEVELOPED									
3	Total O&M Other Production Expense	OPRODEXP	174,531	96,719	518,437	3,643	257,100	0	9,481	31,149
4	Total O&M Transmission Expense	TRANEXP	303,332	167,766	901,759	6,325	447,257	0	16,727	54,961
5	Total O&M Distribution Expense	DISTEXP	379,191	661	77,515	661	42,244	0	327,539	1,144,441
6	Total O&M Customer Accounts Expense	CAEXP	2,824	(304)	(1,818)	8	(812)	0	(63)	(203)
7	Total O&M Customer Service & Information Expense	CSIEXP	4,233	1,699	9,569	81	4,702	0	326	1,055
8	Total O&M Sales Expense	SALESEXP	17,356	6,967	39,233	332	19,277	0	1,337	4,326
9										
10	Total O&M less Fuel & Purchased Power	OMXFPP	3,271,383	1,185,383	6,676,019	51,182	3,312,132	0	922,880	2,232,343
11										
12	Net Customer General & Intangible Plant	GI_Cust_NP	173,406	69,610	391,983	3,317	192,598	0	13,354	43,221
13										
14	Net General & Intangible Production Plant	GI_Prod_NP	368,692	204,317	1,095,185	7,696	543,117	0	20,029	65,801
15	Net General & Intangible Transmission Plant	GI_Trans_NP	205,807	113,827	611,831	4,292	303,458	0	11,349	37,290
16	Net General & Intangible Distribution/Customer Plant	GI_DistCust_NP	446,450	13,514	155,338	1,547	81,650	0	344,062	1,207,195
17										
18										
19										
20	TOU Meter Counts	TOU_meters	171	4	14	2	3	3	0	0
21										
22										
23										
24										
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26										
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29										
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

Base Period Ending 6/30/2016			Residential	Small Power	General Power	General Power	Large Power	Mines		
			Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5		
ALLOCATION			Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Schedule 10	
			1	2	3	4	5	(Mines, Multi Volt)	Irrigation	
								6	7	
ALLOCATION FACTOR TABLE CONTINUED										
1	INTERNALLY DEVELOPED CONTINUED									
2										
3	PRODUCTION WAGES AND SALARIES	Prod_Labor	22,118,429	11,077,829	2,859,092	3,707,749	451,147	2,374,010	132,381	49,278
4	TRANSMISSION WAGES AND SALARIES	Trans_Labor	3,327,249	1,666,226	429,821	558,075	67,878	357,140	19,942	7,401
5	DISTRIBUTION WAGES AND SALARIES	Dist_Labor	13,255,064	7,047,941	2,055,485	1,806,948	338,854	770,660	16,408	68,772
6	CUSTOMER ACCOUNTING WAGES AND SALARIES	Cust_Acct_Labor	7,782,920	6,933,096	785,905	46,132	13,195	194	(216)	4,854
7	CUSTOMER SERVICE & INFORMATION WAGES & SALARIES	Cust_Svc_Labor	611,285	481,735	63,391	27,987	3,851	17,328	1,354	646
8	SALES WAGES & SALARIES	Sales_Labor	3,102,864	2,445,275	321,769	142,062	19,547	87,956	6,875	3,277
9	DISTRIBUTION AND CUSTOMER SERVICES WAGES & SALARIES	DistCust_Labor	24,752,133	16,908,047	3,226,550	2,023,130	375,447	876,139	24,422	77,548
10	DIST. & CUST SVCS. WAGES & SALARIES EXCLUDING SCH 20	DistCust_Labor_X20	24,086,306	16,908,047	3,226,550	2,023,130	375,447	876,139	24,422	77,548
11	TOTAL O&M WAGE & SALARIES EXCL A&G	SALWAGESX	50,197,811	29,652,102	6,515,463	6,288,953	894,472	3,607,288	176,745	134,227
12	TOTAL O&M WAGE & SALARIES	Total_Labor	54,114,771	31,965,871	7,023,868	6,779,683	964,268	3,888,767	190,537	144,701
13										
14	Total Injuries and Damages	IBNR	(6,368,986)	(3,762,193)	(826,667)	(797,928)	(113,489)	(457,685)	(22,425)	(17,030)
15	Total Property Tax Expense	Prop_Tax	23,236,008	12,349,047	3,091,087	3,745,672	520,559	1,966,458	97,875	69,627
16	Total Regulatory Asset & Liabilities	Reg_Exp	18,323,517	9,395,641	2,467,173	3,041,753	443,720	1,721,621	90,801	52,055
17	Total Federal Taxable Income	Fed_Tax_Inc	153,971,649	80,043,992	20,186,366	24,874,927	3,398,708	14,644,218	737,759	444,960
18	Total Prepayments (excluding Transmission Customers)	Prepayments	64,902,073	32,630,475	8,416,966	10,863,374	1,344,121	6,865,673	376,579	150,812
19	Step-up Transf & Aux	Step_Up	9,550,466	4,782,699	1,233,748	1,601,886	194,837	1,025,126	57,242	21,243
20										
21										
22										
23										
24										
25	ADIT Allocation: Asset Retirement Obligation	_MDC1	6,270,071	3,160,157	814,928	1,048,394	131,108	657,057	35,638	14,958
26	ADIT Allocation: PLACEHOLDER	_MDC2	0	0	0	0	0	0	0	0
27	ADIT Allocation: PLACEHOLDER	_MDC3	0	0	0	0	0	0	0	0
28	ADIT Allocation: PLACEHOLDER	_MDC4	0	0	0	0	0	0	0	0
29	ADIT Allocation: PLACEHOLDER	_MDC5	0	0	0	0	0	0	0	0
30	ADIT Allocation: PLACEHOLDER	_MDC6	0	0	0	0	0	0	0	0
31	ADIT Allocation: PLACEHOLDER	_MDC7	0	0	0	0	0	0	0	0
32	ADIT Allocation: PLACEHOLDER	_MDC8	0	0	0	0	0	0	0	0
33	ADIT Allocation: PLACEHOLDER	_MDC9	0	0	0	0	0	0	0	0
34	ADIT Allocation: PLACEHOLDER	_MDC10	0	0	0	0	0	0	0	0
35	ADIT Allocation: PLACEHOLDER	_MDC11	0	0	0	0	0	0	0	0
36	ADIT Allocation: PLACEHOLDER	_MDC12	0	0	0	0	0	0	0	0
37	ADIT Allocation: PLACEHOLDER	_MDC13	0	0	0	0	0	0	0	0
38	ADIT Allocation: PLACEHOLDER	_MDC14	0	0	0	0	0	0	0	0
39	ADIT Allocation: PLACEHOLDER	_MDC15	0	0	0	0	0	0	0	0
40	ADIT Allocation: PLACEHOLDER	_MDC16	0	0	0	0	0	0	0	0
41	ADIT Allocation: PLACEHOLDER	_MDC17	0	0	0	0	0	0	0	0
42	ADIT Allocation: PLACEHOLDER	_MDC18	0	0	0	0	0	0	0	0
43	ADIT Allocation: PLACEHOLDER	_MDC19	0	0	0	0	0	0	0	0
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	10	11	12	13	14	15
rod_Labor	234,659	130,040	697,044	4,898	345,674	0	12,748	41,880
rans_Labor	35,280	19,513	104,881	736	52,019	0	1,946	6,392
ist_Labor	226,592	508	46,632	508	25,796	0	188,437	661,524
ust_Acct_Labor	1,848	(199)	(1,190)	5	(531)	0	(41)	(133)
ust_Svc_Labor	2,929	1,176	6,622	56	3,254	0	226	730
ales_Labor	14,870	5,969	33,613	284	16,515	0	1,145	3,706
istCust_Labor	246,239	7,454	85,676	853	45,034	0	189,767	665,827
istCust_Labor_X20	246,239	7,454	85,676	853	45,034	0	189,767	0
ALWAGESX	516,178	157,006	887,602	6,487	442,727	0	204,461	714,100
total_Labor	556,455	169,258	956,862	6,993	477,274	0	220,415	769,821
IBNR	(65,491)	(19,921)	(112,617)	(823)	(56,172)	0	(25,941)	(90,603)
rop_Tax	251,499	87,445	494,598	3,387	246,112	0	36,096	276,545
eg_Exp	228,062	78,975	413,720	3,191	194,260	0	33,933	158,613
ed_Tax_Inc	1,964,671	638,040	3,671,781	25,056	1,824,535	0	229,368	1,287,268
repayments	706,134	364,947	1,971,333	13,765	977,972	0	43,174	176,749
tep_Up	101,266	56,008	301,049	2,112	149,316	0	5,584	18,349
MDC1	69,312	34,241	185,856	1,293	92,224	0	4,521	20,386
MDC2	0	0	0	0	0	0	0	0
MDC3	0	0	0	0	0	0	0	0
MDC4	0	0	0	0	0	0	0	0
MDC5	0	0	0	0	0	0	0	0
MDC6	0	0	0	0	0	0	0	0
MDC7	0	0	0	0	0	0	0	0
MDC8	0	0	0	0	0	0	0	0
MDC9	0	0	0	0	0	0	0	0
MDC10	0	0	0	0	0	0	0	0
MDC11	0	0	0	0	0	0	0	0
MDC12	0	0	0	0	0	0	0	0
MDC13	0	0	0	0	0	0	0	0
MDC14	0	0	0	0	0	0	0	0
MDC15	0	0	0	0	0	0	0	0
MDC16	0	0	0	0	0	0	0	0
MDC17	0	0	0	0	0	0	0	0
MDC18	0	0	0	0	0	0	0	0
MDC19	0	0	0	0	0	0	0	0

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

		ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
ALLOCATION FACTOR TABLE CONTINUED										
1	REVENUE RELATED									
2										
3	SCHEDULE 1	REVSCH1	373,842,476	373,842,476	0	0	0	0	0	0
4	SCHEDULE 2	REVSCH2	91,865,096	0	91,865,096	0	0	0	0	0
5	SCHEDULE 3	REVSCH3	126,541,236	0	0	111,487,378	15,053,858	0	0	0
6	SCHEDULE 4	REVSCH4	66,115,081	0	0	0	0	66,115,081	0	0
7	SCHEDULE 5	REVSCH5	3,508,352	0	0	0	0	0	3,508,352	0
8	SCHEDULE 10	REVSCH10	1,987,275	0	0	0	0	0	0	1,987,275
9	SCHEDULE 11	REVSCH11	8,987,892	0	0	0	0	0	0	0
10	SCHEDULE 15	REVSCH15	3,128,374	0	0	0	0	0	0	0
11	SCHEDULE 30	REVSCH30	17,644,576	0	0	0	0	0	0	0
12	SCHEDULE 33	REVSCH33	129,683	0	0	0	0	0	0	0
13	SCHEDULE 34	REVSCH34	8,751,595	0	0	0	0	0	0	0
14	SCHEDULE 6	REVSCH6	1,652,869	0	0	0	0	0	0	0
15	SCHEDULE 20	REVSCH20	6,421,215	0	0	0	0	0	0	0
16	TNMP Mining - Rates 9 & 11	REVSCH911	0	0	0	0	0	0	0	0
17	SCHEDULES 2-30 - NON-RESIDENTIAL	REVSCHNR	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
18			710,575,721							
19	SALES REVENUE	SALESREV	881,858,808	403,661,482	122,362,684	162,960,533	26,424,121	91,553,899	6,600,170	2,268,327
20	SALES REVENUE - CLAIMED	REVCLAIM	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
21										
22	Total Revenue Requirement before Revenue Credits	RR_lessRevCredits	898,277,354	446,575,853	113,486,732	149,390,034	19,647,020	92,094,356	5,535,510	2,509,259
23										
24										
25	REVENUES FROM SALES									
26										
27										
28	TOTAL SALES OF ELECTRICITY REVENUE		704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
29	BASE REVENUE	FUELREV	0	0	0	0	0	0	0	0
30	NON-FUEL REVENUE	NFREV	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
31	CURRENT FUEL REVENUES	FUELREV	177,752,491	68,597,865	20,501,321	36,361,313	4,381,446	24,493,620	1,897,575	494,617
32										
33										
34	REVENUE REQUIREMENT BILLING DETERMINANTS INPUT									
35										
36	CLAIMED RATE OF RETURN		7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
37	ANNUAL CUSTOMERS		6,200,160	5,514,182	626,319	40,233	10,914	2,629	24	3,905
38	ANNUAL KWH SALES @ METER	ENERGY3	8,229,731,860	3,205,430,362	957,517,502	1,694,616,391	204,556,976	1,139,164,989	83,452,880	23,112,497
39										
40	PROPOSED SALES REVENUES EXCL FUEL		710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
41			710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
42			0	0	0	0	0	0	0	0
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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ALLOCATION FACTOR TABLE CONTINUED

1	REVENUE RELATED							
2								
3	SCHEDULE 1	REVSCH1	0	0	0	0	0	0
4	SCHEDULE 2	REVSCH2	0	0	0	0	0	0
5	SCHEDULE 3	REVSCH3	0	0	0	0	0	0
6	SCHEDULE 4	REVSCH4	0	0	0	0	0	0
7	SCHEDULE 5	REVSCH5	0	0	0	0	0	0
8	SCHEDULE 10	REVSCH10	0	0	0	0	0	0
9	SCHEDULE 11	REVSCH11	8,987,892	0	0	0	0	0
10	SCHEDULE 15	REVSCH15	0	3,128,374	0	0	0	0
11	SCHEDULE 30	REVSCH30	0	0	17,644,576	0	0	0
12	SCHEDULE 33	REVSCH33	0	0	0	129,683	0	0
13	SCHEDULE 34	REVSCH34	0	0	0	8,751,595	0	0
14	SCHEDULE 6	REVSCH6	0	0	0	0	1,652,869	0
15	SCHEDULE 20	REVSCH20	0	0	0	0	0	6,421,215
16	TNMP Mining - Rates 9 & 11	REVSCH911	0	0	0	0	0	0
17	SCHEDULES 2-30 - NON-RESIDENTIAL	REVSCHNR	8,987,892	3,128,374	17,644,576	129,683	8,751,595	1,652,869
18								
19	SALES REVENUE	SALESREV	12,647,750	5,879,513	25,685,024	269,648	10,554,663	0
20	SALES REVENUE - CLAIMED	REVCLAIM	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0
21								
22	Total Revenue Requirement before Revenue Credits	RR_lessRevCredits	13,192,739	4,885,562	27,564,449	212,120	13,621,778	0
23								
24								
25								
26	REVENUES FROM SALES							
27								
28	TOTAL SALES OF ELECTRICITY REVENUE		8,667,799	4,233,413	16,347,349	192,474	5,971,336	0
29	BASE REVENUE	FUELREV	0	0	0	0	0	2,676,031
30	NON-FUEL REVENUE	NFREV	8,667,799	4,233,413	16,347,349	192,474	5,971,336	0
31	CURRENT FUEL REVENUES	FUELREV	3,979,951	1,646,101	9,337,675	77,173	4,583,327	0
32								
33								
34	REVENUE REQUIREMENT BILLING DETERMINANTS INPUT							
35								
36	CLAIMED RATE OF RETURN		7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
37	ANNUAL CUSTOMERS		1,870	12	12	12	48	0
38	ANNUAL KWH SALES @ METER	ENERGY3	173,242,928	70,433,581	408,507,087	3,771,971	200,512,596	0
39								
40	PROPOSED SALES REVENUES EXCL FUEL		8,987,892	3,128,374	17,644,576	129,683	8,751,595	0
41			8,987,892	3,128,374	17,644,576	129,683	8,751,595	0
42			0	0	0	0	0	0
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PNM EXHIBIT SAV-4
Page 68 of 268

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
			Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
			Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
			1	2	3	4	5	(Mines, Multi Volt)	7
	ALLOCATION	Total PNM Consolidated							
1	RATIO TABLE								
2	DEMAND RELATED								
3	<u>DEMAND - PRODUCTION RELATED</u>								
4	Production 4CP - 3CP Summer, 1CP Winter	_4CP_3S1W	1.00000000	0.50084159	0.12926290	0.16763166	0.02039686	0.10733175	0.00598511
5									
6			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7									
8			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9									
10			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11									
12	<u>DEMAND - TRANSMISSION RELATED</u>								
13	Transmission Demand (based on 3S1WCP)	Trans_3S1W	1.00000000	0.50078178	0.12918200	0.16772854	0.02040077	0.10733781	0.00599366
14									
15									
16	<u>DEMAND - DISTRIBUTION RELATED</u>								
17	Max Non Coincident Peak	NCP	1.00000000	0.46734550	0.13000973	0.16301744	0.02738781	0.10850891	0.00952885
18	Max Non Coincident Peak - Substation Level	NCP_Sub	1.00000000	0.47394897	0.13184674	0.16532083	0.02777479	0.11004211	0.00966349
19	Max Non Coincident Peak - Primary Level	NCP_Pri	1.00000000	0.50075956	0.13930511	0.17467279	0.02934597	0.11626703	0.00000000
20	Max Non Coincident Peak - Secondary Level	NCP_Sec	1.00000000	0.58400624	0.16246331	0.20371054	0.03422447	0.00000000	0.00524448
21									
22	Average Demand	AVGDEMAND	1.00000000	0.39239184	0.11721423	0.20744598	0.02504078	0.13614749	0.00978062
23									
24									
25									
26	ENERGY RELATED								
27									
28									
29	Energy - kWh at Generation (used for Base Fuel Items)	Energy	1.00000000	0.39239184	0.11721423	0.20744598	0.02504078	0.13614749	0.00978062
30	Energy - kWh at Generation (used for Other Fuel Items)	Energy1	1.00000000	0.39239184	0.11721423	0.20744598	0.02504078	0.13614749	0.00978062
31	Energy - kWh at Generation (excludes transmission cust)	Energy2	1.00000000	0.39565324	0.11818847	0.20917019	0.02524891	0.13727910	0.00986191
32									
33	Energy - kWh at Meter (Non-renewable only)	Energy4	1.00000000	0.38290686	0.11443646	0.20296544	0.02445682	0.14003807	0.01106344
34									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
ALLOCATION	Schedule 11 Water & Sewage 8	Schedule 15 Industrial Power Universities 115 kV 9	Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Area Lighting 14	Schedule 20 Streetlighting 15
CP_3S1W	0.01060920	0.00587926	0.03151418	0.00022146	0.01562832	0.00000000	0.00057635	0.00189344
	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
rans_3S1W	0.01060330	0.00586446	0.03152195	0.00022110	0.01563437	0.00000000	0.00058473	0.00192122
CP	0.02452376	0.01345283	0.02855290	0.00048004	0.01471213	0.00000000	0.00195299	0.00633027
CP_Sub	0.02487027	0.00000000	0.02895635	0.00000000	0.01492000	0.00000000	0.00198059	0.00641972
CP_Pri	0.02627715	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00209263	0.00678287
CP_Sec	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00244051	0.00791046
VGDEMAND	0.02070516	0.00824308	0.04812893	0.00044145	0.02362372	0.00000000	0.00189006	0.00611734
nergy	0.02070516	0.00824308	0.04812893	0.00044145	0.02362372	0.00000000	0.00189006	0.00611734
nergy1	0.02070516	0.00824308	0.04812893	0.00044145	0.02362372	0.00000000	0.00189006	0.00611734
nergy2	0.02087725	0.00000000	0.04852896	0.00044512	0.02382007	0.00000000	0.00190577	0.00616819
nergy4	0.02275469	0.00961087	0.05415621	0.00045058	0.02658217	0.00000000	0.00184526	0.00597224

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
RATIO TABLE CONTINUED									
CUSTOMER RELATED									
1									
2									
3	CUSTOMER RELATED - DISTRIBUTION								
4	Annual Customers (Bills)	Annual_Customers	1.00000000	0.88936124	0.10101659	0.00648903	0.00176028	0.00042402	0.00000387
5									
6									
7	Number of Meters								
8	Marginal Capital Cost for Meters								
9	Customer Weighted Meter Costs	Wtd_Meters	1.00000000	0.62932150	0.21352776	0.07914275	0.02209076	0.02783542	0.00025305
10									
11	Number of Services								
12	Marginal Capital Cost for Secondary Service								
13	Customer Weighted Service Costs	Wtd_Services	1.00000000	0.95818191	0.04181809	0.00000000	0.00000000	0.00000000	0.00000000
14									
15	Installation on Customer Premises - Direct Assignment	CUST371	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	Street Lighting and Signal Systems - Direct Assignment	CUST373	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17									
18	Customer Deposit Percentages	Customer_Deposits	1.00000000	0.64757759	0.11528574	0.21159505	0.02554162	0.00000000	0.00000000
19									
20	902-Meter Reading Expenses	CUST902	1.00000000	0.88936124	0.10101659	0.00648903	0.00176028	0.00042402	0.00000387
21	903-Customer Records and Collection Expenses	CUST903	1.00000000	0.88936124	0.10101659	0.00648903	0.00176028	0.00042402	0.00000387
22									
23	904-Uncollectible Percentages								
24	904 - Uncollectible Expense	_EXP904	1.00000000	0.89715242	0.02412554	0.04426679	0.00534344	0.02911181	0.00000000
25									
26	Annual Number of Customers	Annual_Customers							
27	Annual kWh @ Meter	ENERGY4							
28	Weighted Customer/Energy Allocation Factor	CUSTEXP	1.00000000	0.78807037	0.10370056	0.04578431	0.00629959	0.02834683	0.00221578
29									
30	Dedicated Facilities-FERC	DFERC	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31									
32	Streetlight Energy - kWh at generation	St_Lights	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
RATIO TABLE CONTINUED								
CUSTOMER RELATED								
3 CUSTOMER RELATED - DISTRIBUTION								
4 Annual Customers (Bills)	Annual_Customers	0.00030161	0.00000194	0.00000194	0.00000194	0.00000774	0.00000000	0.00000000
7 Number of Meters								
8 Marginal Capital Cost for Meters								
9 Customer Weighted Meter Costs	Wtd_Meters	0.01935827	0.00012652	0.00012652	0.00012652	0.00050610	0.00000000	0.00000000
11 Number of Services								
12 Marginal Capital Cost for Secondary Service								
13 Customer Weighted Service Costs	Wtd_Services	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15 Installation on Customer Premises - Direct Assignment	CUST371	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000
16 Street Lighting and Signal Systems - Direct Assignment	CUST373	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
18 Customer Deposit Percentages	Customer_Deposits	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20 902-Meter Reading Expenses	CUST902	0.00030161	0.00000194	0.00000194	0.00000194	0.00000774	0.00000000	0.00000000
21 903-Customer Records and Collection Expenses	CUST903	0.00030161	0.00000194	0.00000194	0.00000194	0.00000774	0.00000000	0.00000000
23 904-Uncollectible Percentages								
24 904 - Uncollectible Expense	_EXP904	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26 Annual Number of Customers	Annual_Customers							
27 Annual kWh @ Meter	ENERGY4							
28 Weighted Customer/Energy Allocation Factor	CUSTEXP	0.00479222	0.00192372	0.01083279	0.00009166	0.00532263	0.00000000	0.00036905
30 Dedicated Facilities-FERC	DFERC	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32 Streetlight Energy - kWh at generation	St_Lights	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.23603891	0.76396109

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
RATIO TABLE CONTINUED									
1 INTERNALLY DEVELOPED									
2									
3									
4	Total Net Plant	Net_Plant	1.00000000	0.52145067	0.13191145	0.16263100	0.02228148	0.09421650	0.00289454
5									
6	Net Production Plant	Net_Prod_Plant	1.00000000	0.50084159	0.12926290	0.16763166	0.02039686	0.10733175	0.00598511
7	Net Transmission Plant	Net_Trans_Plant	1.00000000	0.50078178	0.12918200	0.16772854	0.02040077	0.10733781	0.00599366
8	Net Distribution Plant	Net_Dist_Plant	1.00000000	0.54527671	0.13920520	0.16165637	0.02760330	0.07168288	0.00175474
9	Net Distribution Substations	Net_Dist_Subs	1.00000000	0.47394897	0.13184674	0.16532083	0.02777479	0.11004211	0.00966349
10	Total Net Transmission & Distribution Plant	Net_TD_Plant	1.00000000	0.53314729	0.13647285	0.16331166	0.02563988	0.08140250	0.00291028
11	Net General and Intangible Plant	Net_GI_Plant	1.00000000	0.63817819	0.12277327	0.10653348	0.01488987	0.06232342	0.00331883
12									
13	Secondary Net Distribution Plant	Net_Dist_Sec	1.00000000	0.58400624	0.16246331	0.20371054	0.03422447	0.00000000	0.00524448
14	Primary & Secondary Net Distribution Plant	Net_Dist_Pri_Sec	1.00000000	0.53162630	0.14789186	0.18543959	0.03115485	0.07315678	0.00000000
15									
16	Account 370 - Meters	_PLT370	1.00000000	0.62932150	0.21352776	0.07914275	0.02209076	0.02783542	0.00025305
17	Account 371 - Installations on Customer Premises	_PLT371	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	Account 373 - Street Lighting and Signal Systems	_PLT373	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19									
20	Distribution Substations	PLTDSUB	1.00000000	0.50084159	0.12926290	0.16763166	0.02039686	0.10733175	0.00598511
21									
22									
23	Accounts 369 & 370 - Services and Meters	_PLT36970	1.00000000	0.81337322	0.11742784	0.03484931	0.00972733	0.01225690	0.00011143
24	Accounts 371 & 373 - Lighting	_PLT37173	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25									
26			1.00000000	0.57548854	0.18039608	0.12515527	0.02573521	0.04888008	0.00041985
27	Account 582-Station Equipment	_OX582	1.00000000	0.47394897	0.13184674	0.16532083	0.02777479	0.11004211	0.00966349
28	Account 583-Overhead Line Expenses	_OX583	1.00000000	0.53162630	0.14789186	0.18543959	0.03115485	0.07315678	0.00000000
29	Account 584-Underground Line Expenses	_OX584	1.00000000	0.53162630	0.14789186	0.18543959	0.03115485	0.07315678	0.00000000
30	Account 585-Street Lighting and Signal Systems Expenses	_OX585	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	Account 586-Meter Expenses	_OX586	1.00000000	0.62932150	0.21352776	0.07914275	0.02209076	0.02783542	0.00025305
32			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	Account 588-Miscellaneous Distribution Expenses	_OX588	1.00000000	0.54527671	0.13920520	0.16165637	0.02760330	0.07168288	0.00175474
34	Account 589-Rents	_OX589	1.00000000	0.54527671	0.13920520	0.16165637	0.02760330	0.07168288	0.00175474
35	Accounts 581-587, 589	_EXP58189	1.00000000	0.57548854	0.18039608	0.12515527	0.02573521	0.04888008	0.00041985
36									
37	Account 591-Maintenance of Structures	_MX591	1.00000000	0.54527671	0.13920520	0.16165637	0.02760330	0.07168288	0.00175474
38	Account 592-Maintenance of Station Equipment	_MX592	1.00000000	0.47394897	0.13184674	0.16532083	0.02777479	0.11004211	0.00966349
39	Account 593-Maintenance of Overhead Lines	_MX593	1.00000000	0.53162630	0.14789186	0.18543959	0.03115485	0.07315678	0.00000000
40	Account 594-Maintenance of Underground Lines	_MX594	1.00000000	0.53162630	0.14789186	0.18543959	0.03115485	0.07315678	0.00000000
41			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	Account 596-Maintenance of Street Lighting & Signal Systems	_MX596	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	Account 597-Maintenance of Meters	_MX597	1.00000000	0.62932150	0.21352776	0.07914275	0.02209076	0.02783542	0.00025305
44	Account 598-Maintenance of Miscellaneous Distribution Plant	_MX598	1.00000000	0.54527671	0.13920520	0.16165637	0.02760330	0.07168288	0.00175474
45	Accounts 591-598	_EXP59198	1.00000000	0.45228371	0.12634635	0.15058318	0.02565327	0.06679111	0.00163188
46									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	10	11	12	13	14	15
et_Plant	0.01240067	0.00395338	0.02280690	0.00015147	0.01134883	0.00000000	0.00131043	0.00807254
et_Prod_Plant	0.01060920	0.00587926	0.03151418	0.00022146	0.01562832	0.00000000	0.00057635	0.00189344
et_Trans_Plant	0.01060330	0.00586446	0.03152195	0.00022110	0.01563437	0.00000000	0.00058473	0.00192122
et_Dist_Plant	0.01686079	0.00000639	0.00522611	0.00000639	0.00271507	0.00000000	0.00260677	0.02095729
et_Dist_Subs	0.02487027	0.00000000	0.02895635	0.00000000	0.01492000	0.00000000	0.00198059	0.00641972
et_TD_Plant	0.01515499	0.00160331	0.01239442	0.00006492	0.00623690	0.00000000	0.00205556	0.01576801
et_GI_Plant	0.00883241	0.00296743	0.01667111	0.00012462	0.00828864	0.00000000	0.00287519	0.01000936
et_Dist_Sec	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00244051	0.00791046
et_Dist_Pri_Sec	0.01653394	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00222162	0.00720096
PLT370	0.01935827	0.00012652	0.00012652	0.00012652	0.00050610	0.00000000	0.00000000	0.00000000
PLT371	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000
PLT373	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
PLTDSUB	0.01060920	0.00587926	0.03151418	0.00022146	0.01562832	0.00000000	0.00057635	0.00189344
PLT36970	0.00852412	0.00005571	0.00005571	0.00005571	0.00022285	0.00000000	0.00000000	0.00000000
PLT37173	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04616289	0.95383711
OX582	0.01804338	0.00006774	0.00091985	0.00006774	0.00071002	0.00000000	0.00417072	0.01375344
OX583	0.02487027	0.00000000	0.02895635	0.00000000	0.01492000	0.00000000	0.00198059	0.00641972
OX584	0.01653394	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00222162	0.00720096
OX584	0.01653394	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00222162	0.00720096
OX585	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.23603891	0.76396109
OX586	0.01935827	0.00012652	0.00012652	0.00012652	0.00050610	0.00000000	0.00000000	0.00000000
OX586	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
OX588	0.01686079	0.00000639	0.00522611	0.00000639	0.00271507	0.00000000	0.00260677	0.02095729
OX589	0.01686079	0.00000639	0.00522611	0.00000639	0.00271507	0.00000000	0.00260677	0.02095729
EXP58189	0.01804338	0.00006774	0.00091985	0.00006774	0.00071002	0.00000000	0.00417072	0.01375344
MX591	0.01686079	0.00000639	0.00522611	0.00000639	0.00271507	0.00000000	0.00260677	0.02095729
MX592	0.02487027	0.00000000	0.02895635	0.00000000	0.01492000	0.00000000	0.00198059	0.00641972
MX593	0.01653394	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00222162	0.00720096
MX594	0.01653394	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00222162	0.00720096
MX594	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MX596	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.23603891	0.76396109
MX597	0.01935827	0.00012652	0.00012652	0.00012652	0.00050610	0.00000000	0.00000000	0.00000000
MX598	0.01686079	0.00000639	0.00522611	0.00000639	0.00271507	0.00000000	0.00260677	0.02095729
EXP59198	0.01562197	0.00000510	0.00486442	0.00000510	0.00252420	0.00000000	0.03509742	0.11449197

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

RATIO TABLE CONTINUED

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1	INTERNALLY DEVELOPED								
2									
3	Total O&M Other Production Expense	OPRODEXP	1.00000000	0.50084159	0.12926290	0.16763166	0.02039686	0.10733175	0.00598511
4	Total O&M Transmission Expense	TRANEXP	1.00000000	0.50078178	0.12918200	0.16772854	0.02040077	0.10733781	0.00599366
5	Total O&M Distribution Expense	DISTEXP	1.00000000	0.52428795	0.15047525	0.14380343	0.02620531	0.06123911	0.00120060
6	Total O&M Customer Accounts Expense	CAEXP	1.00000000	0.89080905	0.10097822	0.00592736	0.00169539	0.00002490	-0.00002775
7	Total O&M Customer Service & Information Expense	CSIEXP	1.00000000	0.78807037	0.10370056	0.04578431	0.00629959	0.02834683	0.00221578
8	Total O&M Sales Expense	SALESEXP	1.00000000	0.78807037	0.10370056	0.04578431	0.00629959	0.02834683	0.00221578
9									
10	Total O&M less Fuel & Purchased Power	OMXFPP	1.00000000	0.54305058	0.12820042	0.14800342	0.01982974	0.08896677	0.00482723
11									
12	Net Customer General & Intangible Plant	GI_Cust_NP	1.00000000	0.78807037	0.10370056	0.04578431	0.00629959	0.02834683	0.00221578
13									
14	Net General & Intangible Production Plant	GI_Prod_NP	1.00000000	0.50084159	0.12926290	0.16763166	0.02039686	0.10733175	0.00598511
15	Net General & Intangible Transmission Plant	GI_Trans_NP	1.00000000	0.50078178	0.12918200	0.16772854	0.02040077	0.10733781	0.00599366
16	Net General & Intangible Distribution/Customer Plant	GI_DistCust_NP	1.00000000	0.68309455	0.13035442	0.08173557	0.01516827	0.03539649	0.00098665
17									
18									
19									
20	TOU Meter Counts	TOU_meters	1.00000000	0.03371122	0.27461217	0.31973449	0.31973449	0.01752685	0.00014916
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streellighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Schedule 20 Streetlighting
	8	9	10	11	12	13	14	15
PRODEXP	0.01060920	0.00587926	0.03151418	0.00022146	0.01562832	0.00000000	0.00057635	0.00189344
RANEXP	0.01060330	0.00586446	0.03152195	0.00022110	0.01563437	0.00000000	0.00058473	0.00192122
ISTEXP	0.01687989	0.00002943	0.00345062	0.00002943	0.00188051	0.00000000	0.01458057	0.05094542
AEXP	0.00023742	-0.00002553	-0.00015288	0.00000065	-0.00006823	0.00000000	-0.00000528	-0.00001707
SIEXP	0.00479222	0.00192372	0.01083279	0.00009166	0.00532263	0.00000000	0.00036905	0.00119445
SALEXP	0.00479222	0.00192372	0.01083279	0.00009166	0.00532263	0.00000000	0.00036905	0.00119445
OMXFPP	0.01194549	0.00432844	0.02437756	0.00018689	0.01209429	0.00000000	0.00336991	0.00815143
GI_Cust_NP	0.00479222	0.00192372	0.01083279	0.00009166	0.00532263	0.00000000	0.00036905	0.00119445
GI_Prod_NP	0.01060920	0.00587926	0.03151418	0.00022146	0.01562832	0.00000000	0.00057635	0.00189344
GI_Trans_NP	0.01060330	0.00586446	0.03152195	0.00022110	0.01563437	0.00000000	0.00058473	0.00192122
GI_DistCust_NP	0.00994819	0.00030114	0.00346138	0.00003446	0.00181940	0.00000000	0.00766669	0.02689980
TOU_meters	0.01275358	0.00029833	0.00104415	0.00014916	0.00022375	0.00022375	0.00000000	0.00000000
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

		ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
RATIO TABLE CONTINUED										
1 INTERNALLY DEVELOPED CONTINUED										
2										
3	PRODUCTION WAGES AND SALARIES	Prod_Labor	1.00000000	0.50084159	0.12926290	0.16763166	0.02039686	0.10733175	0.00598511	0.00222791
4	TRANSMISSION WAGES AND SALARIES	Trans_Labor	1.00000000	0.50078178	0.12918200	0.16772854	0.02040077	0.10733781	0.00599366	0.00222431
5	DISTRIBUTION WAGES AND SALARIES	Dist_Labor	1.00000000	0.53171684	0.15507168	0.13632131	0.02556414	0.05814083	0.00123786	0.00518833
6	CUSTOMER ACCOUNTING WAGES AND SALARIES	Cust_Acct_Labor	1.00000000	0.89080905	0.10097822	0.00592736	0.00169539	0.00002490	-0.00002775	0.00062373
7	CUSTOMER SERVICE & INFORMATION WAGES & SALARIES	Cust_Svc_Labor	1.00000000	0.78807037	0.10370056	0.04578431	0.00629959	0.02834683	0.00221578	0.00105604
8	SALES WAGES & SALARIES	Sales_Labor	1.00000000	0.78807037	0.10370056	0.04578431	0.00629959	0.02834683	0.00221578	0.00105604
9	DISTRIBUTION AND CUSTOMER SERVICES WAGES & SALARIES	DistCust_Labor	1.00000000	0.68309455	0.13035442	0.08173557	0.01516827	0.03539649	0.00098665	0.00313300
10	DIST. & CUST SVCS. WAGES & SALARIES EXCLUDING SCH 20	DistCust_Labor_X20	1.00000000	0.70197761	0.13395786	0.08399501	0.01558757	0.03637497	0.00101393	0.00321960
11	TOTAL O&M WAGE & SALARIES EXCL A&G	SALWAGESX	1.00000000	0.59070508	0.12979576	0.12528342	0.01781894	0.07186146	0.00352098	0.00267396
12	TOTAL O&M WAGE & SALARIES	Total_Labor	1.00000000	0.59070508	0.12979576	0.12528342	0.01781894	0.07186146	0.00352098	0.00267396
13										
14	Total Injuries and Damages	IBNR	1.00000000	0.59070508	0.12979576	0.12528342	0.01781894	0.07186146	0.00352098	0.00267396
15	Total Property Tax Expense	Prop_Tax	1.00000000	0.53146166	0.13303005	0.16120118	0.02240311	0.08462979	0.00421221	0.00299649
16	Total Regulatory Asset & Liabilities	Reg_Exp	1.00000000	0.51276409	0.13464516	0.16600266	0.02421586	0.09395691	0.00495541	0.00284086
17	Total Federal Taxable Income	Fed_Tax_Inc	1.00000000	0.51986188	0.13110443	0.16155524	0.02207360	0.09510983	0.00479153	0.00288988
18	Total Prepayments (excluding Transmission Customers)	Prepayments	1.00000000	0.50276476	0.12968716	0.16738100	0.02070998	0.10578511	0.00580227	0.00232368
19	Step-up Transf & Aux	Step_Up	1.00000000	0.50078178	0.12918200	0.16772854	0.02040077	0.10733781	0.00599366	0.00222431
20										
21										
22										
23										
24										
25	ADIT Allocation: Asset Retirement Obligation	_MDC1	1.00000000	0.50400662	0.12997107	0.16720605	0.02091017	0.10479255	0.00568379	0.00238562
26	ADIT Allocation: PLACEHOLDER	_MDC2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
27	ADIT Allocation: PLACEHOLDER	_MDC3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	ADIT Allocation: PLACEHOLDER	_MDC4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	ADIT Allocation: PLACEHOLDER	_MDC5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
30	ADIT Allocation: PLACEHOLDER	_MDC6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	ADIT Allocation: PLACEHOLDER	_MDC7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	ADIT Allocation: PLACEHOLDER	_MDC8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	ADIT Allocation: PLACEHOLDER	_MDC9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
34	ADIT Allocation: PLACEHOLDER	_MDC10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
35	ADIT Allocation: PLACEHOLDER	_MDC11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
36	ADIT Allocation: PLACEHOLDER	_MDC12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
37	ADIT Allocation: PLACEHOLDER	_MDC13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
38	ADIT Allocation: PLACEHOLDER	_MDC14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
39	ADIT Allocation: PLACEHOLDER	_MDC15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
40	ADIT Allocation: PLACEHOLDER	_MDC16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
41	ADIT Allocation: PLACEHOLDER	_MDC17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	ADIT Allocation: PLACEHOLDER	_MDC18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	ADIT Allocation: PLACEHOLDER	_MDC19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
44										
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	Universities 115 kV	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
		9	10	11	12	13	14	15
od_Labor	0.01060920	0.00587926	0.03151418	0.00022146	0.01562832	0.00000000	0.00057635	0.00189344
ens_Labor	0.01060330	0.00586446	0.03152195	0.00022110	0.01563437	0.00000000	0.00058473	0.00192122
st_Labor	0.01709476	0.00003829	0.00351803	0.00003829	0.00194612	0.00000000	0.01421625	0.04990726
st_Acct_Labor	0.00023742	-0.00002553	-0.00015288	0.00000065	-0.00006823	0.00000000	-0.00000528	-0.00001707
st_Svc_Labor	0.00479222	0.00192372	0.01083279	0.00009166	0.00532263	0.00000000	0.00036905	0.00119445
les_Labor	0.00479222	0.00192372	0.01083279	0.00009166	0.00532263	0.00000000	0.00036905	0.00119445
stCust_Labor	0.00994819	0.00030114	0.00346138	0.00003446	0.00181940	0.00000000	0.00766669	0.02689980
stCust_Labor_X20	0.01022319	0.00030946	0.00355706	0.00003542	0.00186969	0.00000000	0.00787863	0.00000000
ALWAGESX	0.01028287	0.00312775	0.01768209	0.00012923	0.00881966	0.00000000	0.00407310	0.01422571
tal_Labor	0.01028287	0.00312775	0.01768209	0.00012923	0.00881966	0.00000000	0.00407310	0.01422571
NR	0.01028287	0.00312775	0.01768209	0.00012923	0.00881966	0.00000000	0.00407310	0.01422571
op_Tax	0.01082366	0.00376335	0.02128585	0.00014575	0.01059185	0.00000000	0.00155345	0.01190159
eg_Exp	0.01244642	0.00431002	0.02257863	0.00017416	0.01060170	0.00000000	0.00185189	0.00865623
d_Tax_Inc	0.01275996	0.00414388	0.02384712	0.00016273	0.01184981	0.00000000	0.00148968	0.00836042
epayments	0.01087999	0.00562304	0.03037395	0.00021209	0.01506842	0.00000000	0.00066522	0.00272331
ep_Up	0.01060330	0.00586446	0.03152195	0.00022110	0.01563437	0.00000000	0.00058473	0.00192122
MDC1	0.01105449	0.00546094	0.02964173	0.00020614	0.01470854	0.00000000	0.00072097	0.00325132
MDC2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MDC19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

RATIO TABLE CONTINUED

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1	REVENUE RELATED								
2									
3	SCHEDULE 1	REV SCH1	1.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	SCHEDULE 2	REV SCH2	1.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	SCHEDULE 3	REV SCH3	1.00000000	0.00000000	0.00000000	0.88103595	0.11896405	0.00000000	0.00000000
6	SCHEDULE 4	REV SCH4	1.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000
7	SCHEDULE 5	REV SCH5	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000
8	SCHEDULE 10	REV SCH10	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
9	SCHEDULE 11	REV SCH11	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	SCHEDULE 15	REV SCH15	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	SCHEDULE 30	REV SCH30	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	SCHEDULE 33	REV SCH33	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	SCHEDULE 34	REV SCH34	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	SCHEDULE 6	REV SCH6	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	SCHEDULE 20	REV SCH20	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	TNMP Mining - Rates 9 & 11	REV SCH911	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	SCHEDULES 2-30 - NON-RESIDENTIAL	REV SCHNR	1.00000000	0.52611209	0.12928263	0.15689725	0.02118544	0.09304439	0.00493734
18									
19	SALES REVENUE	SALES REV	1.00000000	0.45773935	0.13875541	0.18479209	0.02996412	0.10381923	0.00748438
20	SALES REVENUE - CLAIMED	REV CLAIM	1.00000000	0.52611209	0.12928263	0.15689725	0.02118544	0.09304439	0.00493734
21									
22	Total Revenue Requirement before Revenue Credits	RR_lessRevCredits	1.00000000	0.49714696	0.12633819	0.16630725	0.02187189	0.10252330	0.00616236
23									
24									
25									
26	REVENUES FROM SALES								
27									
28	TOTAL SALES OF ELECTRICITY REVENUE								
29	BASE REVENUE								
30	NON-FUEL REVENUE	NFREV	1.00000000	0.47587077	0.14466759	0.17980128	0.03130589	0.09524169	0.00667881
31	CURRENT FUEL REVENUES	FUELREV	1.00000000	0.38591788	0.11533634	0.20456148	0.02464914	0.13779621	0.01067538
32									
33									
34	REVENUE REQUIREMENT BILLING DETERMINANTS INPUT								
35									
36	CLAIMED RATE OF RETURN								
37	ANNUAL CUSTOMERS								
38	ANNUAL KWH SALES @ METER	ENERGY3	1.00000000	0.38949390	0.11634857	0.20591393	0.02485585	0.13842067	0.01014041
39									
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**PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT**

Base Period Ending 6/30/2016

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
ALLOCATION	Schedule 11 Water & Sewage 8	Schedule 15 Industrial Power Universities 115 kV 9	Schedule 30 Industrial Power (Manuf., 12.5 kV) 10	Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Schedule 6 Private Area Lighting 14	Schedule 20 Streetlighting 15
EVSCH1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH11	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH15	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH30	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH33	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCH34	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000
EVSCH6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000
EVSCH20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
EVSCH911	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
EVSCHNR	0.01264875	0.00440259	0.02483138	0.00018250	0.01231620	0.00000000	0.00232610	0.00903664
ALESREV	0.01434215	0.00666718	0.02912601	0.00030577	0.01196865	0.00000000	0.00340940	0.00905404
EVCLAIM	0.01264875	0.00440259	0.02483138	0.00018250	0.01231620	0.00000000	0.00232610	0.00903664
Ress_j_rssRevCredits	0.01468671	0.00543881	0.03068590	0.00023614	0.01516433	0.00000000	0.00221909	0.00842567
FREV	0.01231036	0.00601246	0.02321716	0.00027336	0.00848073	0.00000000	0.00380061	0.00982019
JELREV	0.02239041	0.00926063	0.05253190	0.00043416	0.02578488	0.00000000	0.00185977	0.00601920
ENERGY3	0.02105086	0.00855843	0.04963796	0.00045833	0.02436441	0.00000000	0.00187610	0.00607217

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES

	TOTAL COMPANY (1)	DEMAND (2)	ENERGY (3)	CUSTOMER (4)	(5)	CAP-PROD (6)	CAP-TRAN (7)	CAP-DIST (8)
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	2,574,240,319	2,406,928,702	0	167,311,617		1,406,417,866	310,371,881	690,138,954
6 Accumulated Deferred Income Taxes	(607,093,765)	(578,731,317)	9,471,535	(37,833,983)		(386,117,257)	(53,153,351)	(139,460,709)
7 Regulatory Assets & Liabilities	18,323,517	13,546,069	0	4,777,448		7,641,339	1,831,726	4,073,004
8 Other Rate Base Items	165,246,525	124,306,307	2,637,556	38,302,662		56,623,794	40,647,147	27,035,365
9 Working Capital	177,098,073	99,401,863	76,022,031	1,574,179		84,777,572	6,672,460	7,951,831
10								
11 TOTAL RATE BASE	2,327,814,669	2,065,451,624	88,131,122	174,231,923		1,169,343,314	306,369,864	589,738,446
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	704,106,317	562,177,587	50,033,910	91,894,822		352,929,321	74,321,362	134,926,904
18 Fuel Revenue	177,752,491	0	177,752,491	0		0	0	0
19 Total Sales of Electricity Revenue	881,858,808	562,177,587	227,786,401	91,894,822		352,929,321	74,321,362	134,926,904
20 Other Operating Revenue	14,444,080	13,914,633	0	529,446		6,159,774	4,237,020	3,517,840
21								
22 TOTAL OPERATING REVENUE	896,302,888	576,092,220	227,786,401	92,424,268		359,089,094	78,558,382	138,444,744
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	312,193,280	219,194,746	38,334,100	54,664,434		153,003,564	31,322,263	34,868,919
26 Operation & Maintenance Expense - Fuel	177,752,491	0	177,752,491	0		0	0	0
27 Depreciation & Amortization Expense	124,925,643	107,677,569	0	17,248,075		60,516,799	15,214,559	31,946,210
28 General Taxes	33,675,661	30,284,371	0	3,391,289		17,943,891	3,726,297	8,614,184
29 Other Allowable Expenses	7,363,291	7,027,538	0	335,752		6,451,347	148,968	427,224
30 Net Allowable Federal Income Tax	47,031,423	40,648,821	2,918,226	3,464,376		24,195,454	3,404,091	13,049,276
31 Net Allowable State Income Tax	8,316,300	7,205,387	495,860	615,053		4,381,637	586,739	2,237,011
32 Revenue Tax	4,411,437	2,788,317	1,158,460	464,660		1,763,576	356,430	668,311
33								
34 TOTAL OPERATING EXPENSES	715,669,526	414,826,751	220,659,137	80,183,639		268,256,269	54,759,347	91,811,135
35								
36 OPERATING INCOME	180,633,362	161,265,469	7,127,263	12,240,629		90,832,826	23,799,035	46,633,609
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	7.76%	7.81%	8.09%	7.03%		7.77%	7.77%	7.91%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
41								
42 Forecasted Rate of Return @ Present Rates (Total)	7.76%	7.81%	8.09%	7.03%		7.77%	7.77%	7.91%
43 Relative Rate of Return @ Present Rates (Total)	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
44								
45								
46								
47								
48								
49								
50								

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES

	CAP-DIST-SUB (9)	CAP-DIST-PRI (10)	CAP-DIST-SEC (11)	CUST-SERVICES (12)	CUST-METER (13)	CUST-METER RDG (14)	CUST-BILL & COL (15)	CUST-SERV & INFO (16)
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	142,841,094	344,367,199	202,930,662	50,317,835	46,484,839	5,533,650	8,779,070	0
6 Accumulated Deferred Income Taxes	(26,783,888)	(69,639,349)	(41,037,472)	(9,911,673)	(12,050,219)	(3,412,076)	(5,413,219)	0
7 Regulatory Assets & Liabilities	843,007	2,032,357	1,197,639	296,962	274,340	32,658	51,812	0
8 Other Rate Base Items	6,059,196	13,198,489	7,777,680	883,497	12,278,602	9,295,571	14,747,315	0
9 Working Capital	1,640,234	3,971,367	2,340,230	572,241	584,570	89,191	174,998	0
10								
11 TOTAL RATE BASE	122,599,644	293,930,062	173,208,740	42,158,862	47,572,132	11,538,994	18,339,975	0
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	21,589,682	69,946,177	43,391,045	8,894,256	25,444,009	11,285,580	21,351,521	0
18 Fuel Revenue	0	0	0	0	0	0	0	0
19 Total Sales of Electricity Revenue	21,589,682	69,946,177	43,391,045	8,894,256	25,444,009	11,285,580	21,351,521	0
20 Other Operating Revenue	729,090	1,754,719	1,034,031	259,612	204,541	227	360	0
21								
22 TOTAL OPERATING REVENUE	22,318,772	71,700,896	44,425,076	9,153,867	25,648,550	11,285,807	21,351,881	0
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	6,424,851	17,899,922	10,544,146	1,074,856	14,588,049	9,123,809	17,901,336	0
26 Operation & Maintenance Expense - Fuel	0	0	0	0	0	0	0	0
27 Depreciation & Amortization Expense	1,534,160	18,956,173	11,455,877	3,955,782	4,373,480	1,012,046	1,605,599	0
28 General Taxes	1,340,675	3,319,203	3,954,406	903,744	1,791,568	73,567	116,714	0
29 Other Allowable Expenses	88,452	213,160	125,612	31,235	27,885	2,656	4,214	0
30 Net Allowable Federal Income Tax	2,697,778	6,540,929	3,810,569	450,367	1,008,396	226,807	360,572	0
31 Net Allowable State Income Tax	462,323	1,121,352	653,336	77,466	177,807	43,131	68,553	0
32 Revenue Tax	106,091	346,803	215,416	43,913	128,361	57,394	108,586	0
33								
34 TOTAL OPERATING EXPENSES	12,654,230	48,397,542	30,759,363	6,537,363	22,095,547	10,539,409	20,165,573	0
35								
36 OPERATING INCOME	9,664,542	23,303,355	13,665,712	2,616,504	3,553,003	746,397	1,186,308	0
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	7.88%	7.93%	7.89%	6.21%	7.47%	6.47%	6.47%	0.00%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
41								
42 Forecasted Rate of Return @ Present Rates (Total)	7.88%	7.93%	7.89%	6.21%	7.47%	6.47%	6.47%	0.00%
43 Relative Rate of Return @ Present Rates (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
44								
45								
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49								
50								

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES

	CUST-OTHER (17)	ENE-FUEL (18)	ENE-NF (19)	(20)	(21)	(22)	(23)	(24)
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	56,196,224	0	0					
6 Accumulated Deferred Income Taxes	(7,046,795)	0	9,471,535					
7 Regulatory Assets & Liabilities	4,121,677	0	0					
8 Other Rate Base Items	1,097,677	0	2,837,556					
9 Working Capital	253,178	0	76,022,031					
10								
11 TOTAL RATE BASE	54,621,961	0	88,131,122					
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	24,919,456	0	50,033,910					
18 Fuel Revenue	0	0	177,752,491					
19 Total Sales of Electricity Revenue	24,919,456	0	227,786,401					
20 Other Operating Revenue	64,706	0	0					
21								
22 TOTAL OPERATING REVENUE	24,984,162	0	227,786,401					
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	11,976,384	0	38,334,100					
26 Operation & Maintenance Expense - Fuel	0	0	177,752,491					
27 Depreciation & Amortization Expense	6,301,168	0	0					
28 General Taxes	505,696	0	0					
29 Other Allowable Expenses	269,763	0	0					
30 Net Allowable Federal Income Tax	1,418,234	0	2,918,226					
31 Net Allowable State Income Tax	248,095	0	495,860					
32 Revenue Tax	126,405	0	1,158,460					
33								
34 TOTAL OPERATING EXPENSES	20,845,746	0	220,659,137					
35								
36 OPERATING INCOME	4,138,417	0	7,127,263					
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	7.58%	0.00%	8.09%					
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	0.0000	1.0000					
41								
42 Forecasted Rate of Return @ Present Rates (Total)	7.58%	0.00%	8.09%					
43 Relative Rate of Return @ Present Rates (Total)	1.0000	0.0000	1.0000					
44								
45								
46								
47								
48								
49								
50								

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR

	TOTAL COMPANY (1)	DEMAND (2)	ENERGY (3)	CUSTOMER (4)	(5)	CAP-PROD (6)	CAP-TRAN (7)	CAP-DIST (8)
1								
2	2,327,814,669	2,065,451,624	88,131,122	174,231,923		1,169,343,314	306,369,864	589,738,446
3								
4								
5								
6								
7								
8								
9								
10	710,575,721	568,028,966	48,787,154	93,759,602		354,476,759	78,719,789	134,832,418
11	177,752,491	0	177,752,491	0		0	0	0
12	888,328,212	568,028,966	226,539,645	93,759,602		354,476,759	78,719,789	134,832,418
13	14,444,080	13,914,633	0	529,446		6,159,774	4,237,020	3,517,840
14	902,772,292	581,943,599	226,539,645	94,289,048		360,636,532	82,956,809	138,350,258
15								
16	312,193,280	219,194,746	38,334,100	54,664,434		153,003,564	31,322,263	34,868,919
17	177,752,491	0	177,752,491	0		0	0	0
18	124,925,643	107,677,569	0	17,248,075		60,516,799	15,214,559	31,946,210
19	33,675,661	30,284,371	0	3,391,289		17,943,891	3,726,297	8,614,184
20	7,363,291	7,027,538	0	335,752		6,451,347	148,968	427,224
21	51,978,538	45,874,760	2,166,342	3,937,435		25,229,705	7,104,058	13,540,997
22	12,823,151	11,458,098	417,795	947,259		6,500,269	1,672,502	3,285,326
23	4,494,937	2,874,224	1,146,290	474,423		1,793,651	398,322	682,252
24	725,206,992	424,391,307	219,817,018	80,998,667		271,439,227	59,586,969	93,365,112
25								
26	177,565,299	157,552,292	6,722,627	13,290,381		89,197,305	23,369,840	44,985,146
27								
28								
29	7.63%	7.63%	7.63%	7.63%		7.63%	7.63%	7.63%
30	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
31								
32	7.63%	7.63%	7.63%	7.63%		7.63%	7.63%	7.63%
33	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
34								
35	725,019,801	581,943,599	48,787,154	94,289,048		360,636,532	82,956,809	138,350,258
36	177,752,491	0	177,752,491	0		0	0	0
37	902,772,292	581,943,599	226,539,645	94,289,048		360,636,532	82,956,809	138,350,258
38								
39	704,106,317	562,177,587	50,033,910	91,894,822		352,929,321	74,321,362	134,926,904
40	14,444,080	13,914,633	0	529,446		6,159,774	4,237,020	3,517,840
41	177,752,491	0	177,752,491	0		0	0	0
42	896,302,888	576,092,220	227,786,401	92,424,268		359,089,094	78,558,382	138,444,744
43								
44	6,469,403	5,851,379	(1,246,756)	1,864,780		1,547,438	4,398,427	(94,486)
45	(0)	0	(0)	0		0	0	0
46	6,469,403	5,851,379	(1,246,756)	1,864,780		1,547,438	4,398,427	(94,486)
47								
48	0.72%	1.02%	-0.55%	2.02%		0.43%	5.60%	-0.07%
49								
50	0.92%	1.04%	-2.49%	2.03%		0.44%	5.92%	-0.07%

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	CAP-DIST-SUB (9)	CAP-DIST-PRI (10)	CAP-DIST-SEC (11)	CUST-SERVICES (12)	CUST-METER (13)	CUST-METER RDG (14)	CUST-BILL & COL (15)	CUST-SERV & INFO (16)
FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR								
1 RATE BASE	122,599,644	293,930,062	173,208,740	42,158,862	47,572,132	11,538,994	18,339,975	0
2								
3								
4								
5 REQUESTED RETURN								
6								
7 OPERATING REVENUE								
8 Sales of Electricity Revenue								
9 Non-Fuel Revenue	21,619,445	69,793,418	43,419,554	10,178,132	25,672,249	11,461,847	21,631,588	0
10 Fuel Revenue	0	0	0	0	0	0	0	0
11 Total Sales of Electricity Revenue	21,619,445	69,793,418	43,419,554	10,178,132	25,672,249	11,461,847	21,631,588	0
12 Other Operating Revenue	729,090	1,754,719	1,034,031	259,612	204,541	227	360	0
13 TOTAL OPERATING REVENUE	22,348,535	71,548,138	44,453,585	10,437,744	25,876,790	11,462,074	21,631,948	0
14								
15 OPERATING EXPENSES								
16 Operation & Maintenance Expenses Excluding Fuel	6,424,851	17,899,922	10,544,146	1,074,856	14,588,049	9,123,809	17,901,336	0
17 Operation & Maintenance Expense - Fuel	0	0	0	0	0	0	0	0
18 Depreciation & Amortization Expense	1,534,160	18,956,173	11,455,877	3,955,782	4,373,480	1,012,046	1,605,599	0
19 General Taxes	1,340,575	3,319,203	3,954,406	903,744	1,791,568	73,567	116,714	0
20 Other Allowable Expenses	88,452	213,160	125,612	31,235	27,885	2,656	4,214	0
21 Net Allowable Federal Income Tax	2,816,709	6,747,867	3,976,421	969,260	1,077,997	252,846	401,644	0
22 Net Allowable State Income Tax	682,514	1,637,724	965,087	235,496	259,116	59,160	94,016	0
23 Revenue Tax	109,394	353,154	219,703	51,501	129,901	57,997	109,456	0
24 TOTAL OPERATING EXPENSES	12,996,655	49,127,204	31,241,253	7,221,873	22,247,996	10,581,881	20,232,978	0
25								
26 OPERATING INCOME	9,351,880	22,420,934	13,212,333	3,215,871	3,628,794	880,192	1,398,970	0
27								
28								
29 Requested Rate of Return (Non-Fuel)	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	0.00%
30 Relative Rate of Return (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
31								
32 Requested Rate of Return (Total)	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	0.00%
33 Relative Rate of Return (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
34								
35 Base Non-Fuel Revenue Requirement	22,348,535	71,548,138	44,453,585	10,437,744	25,876,790	11,462,074	21,631,948	0
36 Fuel Revenue Requirement	0	0	0	0	0	0	0	0
37 Total Revenue Requirement	22,348,535	71,548,138	44,453,585	10,437,744	25,876,790	11,462,074	21,631,948	0
38								
39 Forecasted Non-Fuel Revenues	21,589,682	69,946,177	43,391,045	8,894,256	25,444,009	11,285,580	21,351,521	0
40 Other Operating Revenues	729,090	1,754,719	1,034,031	259,612	204,541	227	360	0
41 Fuel Revenues	0	0	0	0	0	0	0	0
42 Total Revenues	22,318,772	71,700,896	44,425,076	9,153,867	25,648,550	11,285,807	21,351,881	0
43								
44 Non-Fuel Revenue Deficiency	29,763	(152,758)	28,510	1,283,876	228,240	176,267	280,067	(0)
45 Fuel Revenue Deficiency	0	0	0	0	0	0	0	0
46 Total Revenue Deficiency	29,763	(152,758)	28,510	1,283,876	228,240	176,267	280,067	(0)
47								
48 Non-Fuel Impact as % of Total Revenues	0.13%	-0.21%	0.06%	14.03%	0.89%	1.56%	1.31%	-100.00%
49								
50 Non-Fuel Impact as % of Total Non-Fuel Revenues	0.14%	-0.22%	0.07%	14.43%	0.90%	1.56%	1.31%	-100.00%

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 18-00276-UT

Base Period Ending 6/30/2016

	CUST-OTHER (17)	ENE-FUEL (18)	ENE-NF (19)	(20)	(21)	(22)	(23)	(24)
FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR								
1								
2	RATE BASE	54,621,961	0	88,131,122				
3								
4								
5	REQUESTED RETURN							
6								
7	OPERATING REVENUE							
8	Sales of Electricity Revenue							
9	Non-Fuel Revenue	24,815,786	0	48,787,154				
10	Fuel Revenue	0	0	177,752,491				
11	Total Sales of Electricity Revenue	24,815,786	0	226,539,645				
12	Other Operating Revenue	64,706	0	0				
13	TOTAL OPERATING REVENUE	24,880,492	0	226,539,645				
14								
15	OPERATING EXPENSES							
16	Operation & Maintenance Expenses Excluding Fuel	11,976,384	0	38,334,100				
17	Operation & Maintenance Expense - Fuel	0	0	177,752,491				
18	Depreciation & Amortization Expense	6,301,168	0	0				
19	General Taxes	505,696	0	0				
20	Other Allowable Expenses	269,763	0	0				
21	Net Allowable Federal Income Tax	1,235,889	0	2,166,342				
22	Net Allowable State Income Tax	299,470	0	417,795				
23	Revenue Tax	125,568	0	1,146,290				
24	TOTAL OPERATING EXPENSES	20,713,939	0	219,817,018				
25								
26	OPERATING INCOME	4,166,554	0	6,722,627				
27								
28								
29	Requested Rate of Return (Non-Fuel)	7.63%	0.00%	7.63%				
30	Relative Rate of Return (Non-Fuel)	1.0000	0.0000	1.0000				
31								
32	Requested Rate of Return (Total)	7.63%	0.00%	7.63%				
33	Relative Rate of Return (Total)	1.0000	0.0000	1.0000				
34								
35	Base Non-Fuel Revenue Requirement	24,880,492	0	48,787,154				
36	Fuel Revenue Requirement	0	0	177,752,491				
37	Total Revenue Requirement	24,880,492	0	226,539,645				
38								
39	Forecasted Non-Fuel Revenues	24,919,456	0	50,033,910				
40	Other Operating Revenues	64,706	0	0				
41	Fuel Revenues	0	0	177,752,491				
42	Total Revenues	24,984,162	0	227,786,401				
43								
44	Non-Fuel Revenue Deficiency	(103,670)	(0)	(1,246,756)				
45	Fuel Revenue Deficiency	0	0	(0)				
46	Total Revenue Deficiency	(103,670)	(0)	(1,246,756)				
47								
48	Non-Fuel Impact as % of Total Revenues	-0.41%	-100.00%	-0.55%				
49								
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	-0.42%	-100.00%	-2.49%				

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	TOTAL COMPANY (1)	DEMAND (2)	ENERGY (3)	CUSTOMER (4)	(5)	CAP-PROD (6)	CAP-TRAN (7)	CAP-DIST (8)
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY CLASS								
1								
2	2,327,814,669	2,065,451,624	88,131,122	174,231,923		1,169,343,314	306,369,864	589,738,446
3								
4								
5	PROPOSED RETURN							
6								
7	OPERATING REVENUE							
8	Sales of Electricity Revenue							
9	710,575,721	568,028,966	48,787,154	93,759,602		354,476,759	78,719,789	134,832,418
10	177,752,491	0	177,752,491	0		0	0	0
11	888,328,212	568,028,966	226,539,645	93,759,602		354,476,759	78,719,789	134,832,418
12	14,444,080	13,914,633	0	529,446		6,159,774	4,237,020	3,517,840
13	902,772,292	581,943,599	226,539,645	94,289,048		360,636,532	82,956,809	138,350,258
14								
15	OPERATING EXPENSES							
16	312,193,280	219,194,746	38,334,100	54,664,434		153,003,564	31,322,263	34,868,919
17	177,752,491	0	177,752,491	0		0	0	0
18	124,925,643	107,677,569	0	17,248,075		60,516,799	15,214,559	31,946,210
19	33,675,661	30,284,371	0	3,391,289		17,943,891	3,726,297	8,614,184
20	7,363,291	7,027,538	0	335,752		6,451,347	148,968	427,224
21	51,978,538	45,874,760	2,166,342	3,937,435		25,229,705	7,104,058	13,540,997
22	12,823,151	11,458,098	417,795	947,259		6,500,269	1,672,502	3,285,326
23	4,494,937	2,874,224	1,146,290	474,423		1,793,651	398,322	682,252
24	725,206,992	424,391,307	219,817,018	80,998,667		271,439,227	59,586,969	93,365,112
25								
26	177,565,299	157,552,292	6,722,627	13,290,381		89,197,305	23,369,840	44,985,146
27								
28								
29	7.63%	7.63%	7.63%	7.63%		7.63%	7.63%	7.63%
30	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
31								
32	7.63%	7.63%	7.63%	7.63%		7.63%	7.63%	7.63%
33	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
34								
35	725,019,801	581,943,599	48,787,154	94,289,048		360,636,532	82,956,809	138,350,258
36	177,752,491	0	177,752,491	0		0	0	0
37	902,772,292	581,943,599	226,539,645	94,289,048		360,636,532	82,956,809	138,350,258
38								
39	704,106,317	562,177,587	50,033,910	91,894,822		352,929,321	74,321,362	134,826,904
40	14,444,080	13,914,633	0	529,446		6,159,774	4,237,020	3,517,840
41	177,752,491	0	177,752,491	0		0	0	0
42	896,302,888	576,092,220	227,786,401	92,424,268		359,089,094	78,558,382	138,444,744
43								
44	6,469,403	5,851,379	(1,246,756)	1,864,780		1,547,438	4,398,427	(94,486)
45	(0)	0	(0)	0		0	0	0
46	6,469,403	5,851,379	(1,246,756)	1,864,780		1,547,438	4,398,427	(94,486)
47								
48	0.72%	1.02%	-0.55%	2.02%		0.43%	5.60%	-0.07%
49								
50	0.92%	1.04%	-2.49%	2.03%		0.44%	5.92%	-0.07%

PNM EXHIBIT SAV-4
Page 87 of 268

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	CAP-DIST-SUB (9)	CAP-DIST-PRI (10)	CAP-DIST-SEC (11)	CUST-SERVICES (12)	CUST-METER (13)	CUST-METER RDG (14)	CUST-BILL & COL (15)	CUST-SERV & INFO (16)
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY								
1								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	CUST-OTHER (17)	ENE-FUEL (18)	ENE-NF (19)	(20)	(21)	(22)	(23)	(24)
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY								
1								
2	RATE BASE	54,621,961	0	88,131,122				
3								
4								
5	PROPOSED RETURN							
6								
7	OPERATING REVENUE							
8	Sales of Electricity Revenue							
9	Non-Fuel Revenue	24,815,786	0	48,787,154				
10	Fuel Revenue	0	0	177,752,491				
11	Total Sales of Electricity Revenue	24,815,786	0	226,539,645				
12	Other Operating Revenue	64,706	0	0				
13	TOTAL OPERATING REVENUE	24,880,492	0	226,539,645				
14								
15	OPERATING EXPENSES							
16	Operation & Maintenance Expenses Excluding Fuel	11,976,384	0	38,334,100				
17	Operation & Maintenance Expense - Fuel	0	0	177,752,491				
18	Depreciation & Amortization Expense	6,301,168	0	0				
19	General Taxes	505,696	0	0				
20	Other Allowable Expenses	269,763	0	0				
21	Net Allowable Federal Income Tax	1,235,889	0	2,166,342				
22	Net Allowable State Income Tax	299,470	0	417,795				
23	Revenue Tax	125,568	0	1,146,290				
24	TOTAL OPERATING EXPENSES	20,713,939	0	219,817,018				
25								
26	OPERATING INCOME	4,166,554	0	6,722,627				
27								
28								
29	Rate of Return (Non-Fuel)	7.63%	0.00%	7.63%				
30	Relative Rate of Return (Non-Fuel)	1.0000	0.0000	1.0000				
31								
32	Rate of Return (Total)	7.63%	0.00%	7.63%				
33	Relative Rate of Return (Total)	1.0000	0.0000	1.0000				
34								
35	Base Non-Fuel Revenue Requirement	24,880,492	0	48,787,154				
36	Fuel Revenue Requirement	0	0	177,752,491				
37	Total Revenue Requirement	24,880,492	0	226,539,645				
38								
39	Forecasted Non-Fuel Revenues	24,919,456	0	50,033,910				
40	Other Operating Revenues	64,706	0	0				
41	Fuel Revenues	0	0	177,752,491				
42	Total Revenues	24,984,162	0	227,786,401				
43								
44	Non-Fuel Revenue Deficiency	(103,670)	(0)	(1,246,756)				
45	Fuel Revenue Deficiency	0	0	(0)				
46	Total Revenue Deficiency	(103,670)	(0)	(1,246,756)				
47								
48	Non-Fuel Impact as % of Total Revenues	-0.41%	-100.00%	-0.55%				
49								
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	-0.42%	-100.00%	-2.49%				

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

		Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
SUMMARY - ROR @ EXISTING RATES									
1 RATE OF RETURN		7.76%	6.10%	9.77%	10.27%	15.63%	8.12%	13.74%	6.19%
2									
3 REVENUES REQUIRED									
4									
5 DEMAND COMPONENTS	562,177,587	562,177,587	249,484,018	83,983,751	112,243,085	19,592,767	58,846,102	4,022,922	1,417,508
6 DEMAND PRODUCTION		352,929,321	156,419,399	50,604,719	68,564,242	10,619,719	39,712,633	3,016,733	724,560
7 DEMAND TRANSMISSION		74,321,362	32,534,623	10,975,925	14,685,047	2,384,020	8,290,349	660,860	145,475
8 DEMAND SUBSTATION		21,589,682	8,346,598	3,376,990	4,405,551	1,065,891	2,478,169	345,328	75,694
9 DEMAND DISTRIBUTION PRIMARY		69,946,177	30,133,590	11,055,391	14,295,844	3,226,897	8,364,951	0	272,480
10 DEMAND DISTRIBUTION SECONDARY		43,391,045	22,049,807	7,970,725	10,292,401	2,296,240	0	0	199,300
11									
12 ENERGY COMPONENTS	50,033,910	50,033,910	18,353,909	6,143,581	11,047,387	1,537,365	6,743,108	608,575	132,684
13 ENERGY FUEL		0	0	0	0	0	0	0	0
14 ENERGY NON FUEL		50,033,910	18,353,909	6,143,581	11,047,387	1,537,365	6,743,108	608,575	132,684
15									
16 CUSTOMER COMPONENTS	91,894,822	91,894,822	67,225,690	11,734,031	3,308,748	912,544	1,471,069	71,098	223,518
17 CUSTOMER SERVICES		8,894,256	8,412,053	482,202	0	0	0	0	0
18 CUSTOMER METER		25,444,009	15,257,992	5,840,036	2,196,373	713,591	727,900	7,915	184,407
19 CUSTOMER METER READING		11,285,580	9,951,051	1,207,491	78,198	23,156	4,945	50	7,064
20 CUSTOMER BILLING & COLLECTION		21,351,521	18,895,440	1,998,880	276,751	55,185	108,228	79	11,208
21 CUSTOMER SERVICE & INFORMATION		0	0	0	0	0	0	0	0
22 CUSTOMER OTHER		24,919,456	14,699,155	2,205,422	757,426	120,612	629,995	63,054	20,839
23									
24									
25 TOTAL COMPANY	704,106,318 0	704,106,317	335,063,617	101,861,363	126,599,220	22,042,676	67,060,279	4,702,595	1,773,710
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf. 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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SUMMARY - ROR @ EXISTING RATES

1 RATE OF RETURN		7.31%	14.11%	6.44%	17.06%	2.09%	0.00%	24.73%	9.38%
2									
3 REVENUES REQUIRED									
4									
5 DEMAND COMPONENTS	562,177,587	6,995,717	3,640,788	13,732,736	157,985	4,883,823	0	1,210,807	1,965,578
6 DEMAND PRODUCTION		3,919,704	2,981,360	10,960,547	129,421	4,011,578	0	436,548	828,156
7 DEMAND TRANSMISSION		774,111	659,428	2,204,634	28,564	721,756	0	97,301	159,269
8 DEMAND SUBSTATION		517,990	0	567,555	0	150,489	0	115,276	144,150
9 DEMAND DISTRIBUTION PRIMARY		1,783,911	0	0	0	(0)	0	329,578	483,536
10 DEMAND DISTRIBUTION SECONDARY		0	0	0	0	(0)	0	232,104	350,467
11									
12 ENERGY COMPONENTS	50,033,910	1,067,998	532,893	2,389,043	27,153	990,844	0	142,293	317,076
13 ENERGY FUEL		0	0	0	0	(0)	0	0	0
14 ENERGY NON FUEL		1,067,998	532,893	2,389,043	27,153	990,844	0	142,293	317,076
15									
16 CUSTOMER COMPONENTS	91,894,822	604,084	59,732	225,569	7,336	96,669	0	1,322,931	4,631,803
17 CUSTOMER SERVICES		0	0	0	0	(0)	0	0	0
18 CUSTOMER METER		493,508	4,000	3,165	4,329	10,793	0	0	0
19 CUSTOMER METER READING		3,469	25	22	26	81	0	0	0
20 CUSTOMER BILLING & COLLECTION		5,504	40	35	42	129	0	0	0
21 CUSTOMER SERVICE & INFORMATION		0	0	0	0	(0)	0	0	0
22 CUSTOMER OTHER		101,602	55,666	222,347	2,939	85,666	0	1,322,931	4,631,803
23									
24									
25 TOTAL COMPANY	704,106,318	8,667,799	4,233,413	16,347,349	192,474	5,971,336	0	2,676,031	6,914,456
26	0								
27									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
	Total	Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
	PNM	Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
	Consolidated	1	2	3	4	5	(Mines, Multi Volt)	7
1 RATE OF RETURN	7.76%	6.10%	9.77%	10.27%	15.63%	8.12%	13.74%	6.19%
2								
3 \$/KWH								
4								
5 DEMAND COMPONENTS	\$0.0683	0.0683	0.0778	0.0877	0.0662	0.0958	0.0517	0.0613
6 DEMAND PRODUCTION		0.0429	0.0488	0.0528	0.0405	0.0519	0.0349	0.0313
7 DEMAND TRANSMISSION		0.0090	0.0101	0.0115	0.0087	0.0117	0.0073	0.0063
8 DEMAND SUBSTATION		0.0026	0.0026	0.0035	0.0026	0.0052	0.0022	0.0041
9 DEMAND DISTRIBUTION PRIMARY		0.0085	0.0094	0.0115	0.0084	0.0158	0.0073	0.0118
10 DEMAND DISTRIBUTION SECONDARY		0.0053	0.0069	0.0083	0.0061	0.0112	0.0000	0.0086
11								
12 ENERGY COMPONENTS	\$0.0061	0.0061	0.0057	0.0064	0.0065	0.0075	0.0059	0.0057
13 ENERGY FUEL		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14 ENERGY NON FUEL		0.0061	0.0057	0.0064	0.0065	0.0075	0.0059	0.0057
15								
16 CUSTOMER COMPONENTS	\$0.0112	0.0112	0.0210	0.0123	0.0020	0.0045	0.0013	0.0009
17 CUSTOMER SERVICES		0.0011	0.0026	0.0005	0.0000	0.0000	0.0000	0.0000
18 CUSTOMER METER		0.0031	0.0048	0.0061	0.0013	0.0035	0.0006	0.0001
19 CUSTOMER METER READING		0.0014	0.0031	0.0013	0.0000	0.0001	0.0000	0.0003
20 CUSTOMER BILLING & COLLECTION		0.0026	0.0059	0.0021	0.0002	0.0003	0.0001	0.0000
21 CUSTOMER SERVICE & INFORMATION		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22 CUSTOMER OTHER		0.0030	0.0046	0.0023	0.0004	0.0006	0.0006	0.0009
23								
24								
25 TOTAL COMPANY	\$0.0856	0.0856	0.1045	0.1064	0.0747	0.1078	0.0589	0.0564
26								
27								
28								
29 \$/MONTH/CUSTOMER								
30								
31 TOTAL CUSTOMER COMPONENT \$/MO/CUST	\$14.82	\$12.19	\$18.73	\$82.24	\$83.61	\$559.55	\$2,962.41	\$57.24
32 SERVICES COMPONENT \$/MO/CUST	\$1.43	\$1.53	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33 METERS COMPONENT \$/MO/CUST	\$4.10	\$2.77	\$9.32	\$54.59	\$65.38	\$276.87	\$329.79	\$47.22
34								
35								

PUBLIC SERVICE COMPANY OF NEW MEXICO
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NMRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

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SUMMARY - ROR @ EXISTING RATES								
1 RATE OF RETURN	7.31%	14.11%	6.44%	17.06%	2.09%	0.00%	24.73%	9.38%
2								
3 \$/KWH								
4								
5 DEMAND COMPONENTS	\$0.0683	0.0404	0.0517	0.0336	0.0419	0.0244	0.0000	0.0393
6 DEMAND PRODUCTION		0.0226	0.0423	0.0268	0.0343	0.0200	0.0000	0.0166
7 DEMAND TRANSMISSION		0.0045	0.0094	0.0054	0.0076	0.0036	0.0000	0.0032
8 DEMAND SUBSTATION		0.0030	0.0000	0.0014	0.0000	0.0008	0.0000	0.0029
9 DEMAND DISTRIBUTION PRIMARY		0.0103	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0097
10 DEMAND DISTRIBUTION SECONDARY		0.0000	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0070
11								
12 ENERGY COMPONENTS	\$0.0061	0.0062	0.0076	0.0058	0.0072	0.0049	0.0000	0.0063
13 ENERGY FUEL		0.0000	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0000
14 ENERGY NON FUEL		0.0062	0.0076	0.0058	0.0072	0.0049	0.0000	0.0063
15								
16 CUSTOMER COMPONENTS	\$0.0112	0.0035	0.0008	0.0006	0.0019	0.0005	0.0000	0.0927
17 CUSTOMER SERVICES		0.0000	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0000
18 CUSTOMER METER		0.0028	0.0001	0.0000	0.0011	0.0001	0.0000	0.0000
19 CUSTOMER METER READING		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20 CUSTOMER BILLING & COLLECTION		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21 CUSTOMER SERVICE & INFORMATION		0.0000	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0000
22 CUSTOMER OTHER		0.0006	0.0008	0.0005	0.0008	0.0004	0.0000	0.0927
23								
24								
25 TOTAL COMPANY	\$0.0856	0.0500	0.0601	0.0400	0.0510	0.0298	0.0000	0.1384
26								
27								
28								
29 \$/MONTH/CUSTOMER								
30								
31 TOTAL CUSTOMER COMPONENT \$/MO/CUST	\$323.04	\$4,977.64	\$18,797.45	\$611.37	\$2,013.94	\$0.00	\$0.00	\$0.00
32 SERVICES COMPONENT \$/MO/CUST	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.00)	\$0.00	\$0.00	\$0.00
33 METERS COMPONENT \$/MO/CUST	\$263.91	\$333.36	\$263.77	\$360.77	\$224.85	\$0.00	\$0.00	\$0.00
34								
35								

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

		Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
SUMMARY - @ REQUESTED ROR									
1 EQUALIZED RATE OF RETURN		7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
2									
3 REVENUES REQUIRED									
4									
5 DEMAND COMPONENTS	568,028,966	568,028,966	284,301,770	75,270,278	98,457,337	13,114,166	57,854,182	2,915,173	1,617,038
6 DEMAND PRODUCTION		354,476,759	174,282,449	45,461,641	60,628,132	7,370,980	38,904,399	2,234,289	807,959
7 DEMAND TRANSMISSION		78,719,789	39,421,436	10,169,180	13,203,555	1,605,944	8,449,610	471,819	175,098
8 DEMAND SUBSTATION		21,619,445	10,253,608	2,852,427	3,576,619	600,891	2,380,697	209,064	92,079
9 DEMAND DISTRIBUTION PRIMARY		69,793,418	34,970,407	9,728,334	12,198,226	2,049,368	6,119,476	0	314,040
10 DEMAND DISTRIBUTION SECONDARY		43,419,554	25,373,870	7,058,697	8,850,804	1,486,983	0	0	227,862
11									
12 ENERGY COMPONENTS	48,787,154	48,787,154	18,680,936	5,583,029	9,902,106	1,193,179	6,832,059	539,754	134,697
13 ENERGY FUEL		0	0	0	0	0	0	0	0
14 ENERGY NON FUEL		48,787,154	18,680,936	5,583,029	9,902,106	1,193,179	6,832,059	539,754	134,697
15									
16 CUSTOMER COMPONENTS	93,759,602	93,759,602	70,859,770	11,011,789	3,127,935	746,513	1,428,840	53,426	235,540
17 CUSTOMER SERVICES		10,178,132	9,752,502	425,630	0	0	0	0	0
18 CUSTOMER METER		25,672,249	16,156,098	5,481,738	2,031,772	567,119	714,598	6,496	194,719
19 CUSTOMER METER READING		11,461,847	10,193,722	1,157,837	74,376	20,176	4,860	44	7,219
20 CUSTOMER BILLING & COLLECTION		21,631,588	19,265,156	1,920,067	270,607	50,431	108,073	70	11,453
21 CUSTOMER SERVICE & INFORMATION		0	0	0	0	0	0	0	0
22 CUSTOMER OTHER		24,815,786	15,492,292	2,026,517	751,179	108,787	601,309	46,815	22,149
23									
24									
25 TOTAL COMPANY	710,575,721 0	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									

PUBLIC SERVICE COMPANY OF NEW MEXICO
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Wtr/Swg Pumping Schedule 11 Water & Sewage 6	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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SUMMARY - @ REQUESTED ROR

1	EQUALIZED RATE OF RETURN		7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	
2										
3	REVENUES REQUIRED									
4										
5	DEMAND COMPONENTS	568,028,966	7,271,117	2,615,485	14,772,579	102,459	7,330,901	0	584,999	1,821,482
6	DEMAND PRODUCTION		4,063,316	2,153,836	11,664,724	85,053	5,777,381	0	243,948	798,650
7	DEMAND TRANSMISSION		834,690	461,649	2,481,402	17,405	1,230,734	0	46,029	151,238
8	DEMAND SUBSTATION		538,054	0	626,454	0	322,786	0	42,849	123,918
9	DEMAND DISTRIBUTION PRIMARY		1,835,058	0	0	0	0	0	146,138	432,372
10	DEMAND DISTRIBUTION SECONDARY		0	0	0	0	0	0	106,035	315,304
11										
12	ENERGY COMPONENTS	48,787,154	1,110,136	468,887	2,642,128	21,983	1,296,868	0	90,025	291,368
13	ENERGY FUEL		0	0	0	0	0	0	0	0
14	ENERGY NON FUEL		1,110,136	468,887	2,642,128	21,983	1,296,868	0	90,025	291,368
15										
16	CUSTOMER COMPONENTS	93,759,602	606,639	44,002	229,869	5,242	123,826	0	977,845	4,308,365
17	CUSTOMER SERVICES		0	0	0	0	0	0	0	0
18	CUSTOMER METER		496,970	3,248	3,248	3,248	12,993	0	0	0
19	CUSTOMER METER READING		3,457	22	22	22	89	0	0	0
20	CUSTOMER BILLING & COLLECTION		5,484	35	35	35	141	0	0	0
21	CUSTOMER SERVICE & INFORMATION		0	0	0	0	0	0	0	0
22	CUSTOMER OTHER		100,727	40,697	226,564	1,936	110,604	0	977,845	4,308,365
23										
24										
25	TOTAL COMPANY	710,575,721	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
26		0								

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
	Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
	Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
	1	2	3	4	5	(Mines, Multi Volt)	7
Total PNM Consolidated							

SUMMARY - @ REQUESTED ROR

1	EQUALIZED RATE OF RETURN		7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	
2										
3	\$/KWH									
4										
5	DEMAND COMPONENTS	\$0.0690	\$0.0690	\$0.0887	\$0.0786	\$0.0581	\$0.0641	\$0.0508	\$0.0349	\$0.0700
6	DEMAND PRODUCTION		\$0.0431	\$0.0544	\$0.0475	\$0.0358	\$0.0360	\$0.0342	\$0.0268	\$0.0350
7	DEMAND TRANSMISSION		\$0.0096	\$0.0123	\$0.0106	\$0.0078	\$0.0079	\$0.0074	\$0.0057	\$0.0076
8	DEMAND SUBSTATION		\$0.0026	\$0.0032	\$0.0030	\$0.0021	\$0.0029	\$0.0021	\$0.0025	\$0.0040
9	DEMAND DISTRIBUTION PRIMARY		\$0.0085	\$0.0109	\$0.0102	\$0.0072	\$0.0100	\$0.0071	\$0.0000	\$0.0136
10	DEMAND DISTRIBUTION SECONDARY		\$0.0053	\$0.0079	\$0.0074	\$0.0052	\$0.0073	\$0.0000	\$0.0000	\$0.0099
11										
12	ENERGY COMPONENTS	\$0.0059	\$0.0059	\$0.0058	\$0.0058	\$0.0058	\$0.0058	\$0.0060	\$0.0065	\$0.0058
13	ENERGY FUEL		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
14	ENERGY NON FUEL		\$0.0059	\$0.0058	\$0.0058	\$0.0058	\$0.0058	\$0.0060	\$0.0065	\$0.0058
15										
16	CUSTOMER COMPONENTS	\$0.0114	\$0.0114	\$0.0221	\$0.0115	\$0.0018	\$0.0036	\$0.0013	\$0.0006	\$0.0102
17	CUSTOMER SERVICES		\$0.0012	\$0.0030	\$0.0004	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
18	CUSTOMER METER		\$0.0031	\$0.0050	\$0.0057	\$0.0012	\$0.0028	\$0.0006	\$0.0001	\$0.0084
19	CUSTOMER METER READING		\$0.0014	\$0.0032	\$0.0012	\$0.0000	\$0.0001	\$0.0000	\$0.0000	\$0.0003
20	CUSTOMER BILLING & COLLECTION		\$0.0026	\$0.0060	\$0.0020	\$0.0002	\$0.0002	\$0.0001	\$0.0000	\$0.0005
21	CUSTOMER SERVICE & INFORMATION		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
22	CUSTOMER OTHER		\$0.0030	\$0.0048	\$0.0021	\$0.0004	\$0.0005	\$0.0005	\$0.0006	\$0.0010
23										
24										
25	TOTAL COMPANY	\$0.0863	\$0.0863	\$0.1166	\$0.0959	\$0.0658	\$0.0736	\$0.0580	\$0.0420	\$0.0860
26										
27										
28										
29	\$/MONTH/CUSTOMER									
30										
31	TOTAL CUSTOMER COMPONENT \$/MO/CUST		\$15.12	\$12.85	\$17.58	\$77.75	\$68.40	\$543.49	\$2,226.08	\$60.32
32	SERVICES COMPONENT \$/MO/CUST		\$1.64	\$1.77	\$0.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33	METERS COMPONENT \$/MO/CUST		\$4.14	\$2.93	\$8.75	\$50.50	\$51.96	\$271.81	\$270.68	\$49.86
34										
35										

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
SUMMARY - @ REQUESTED ROR								
1 EQUALIZED RATE OF RETURN	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%	7.63%
2								
3 \$/KWH								
4								
5 DEMAND COMPONENTS	\$0.0690	\$0.0420	\$0.0371	\$0.0362	\$0.0272	\$0.0366	\$0.0000	\$0.0379
6 DEMAND PRODUCTION		\$0.0235	\$0.0306	\$0.0286	\$0.0225	\$0.0288	\$0.0000	\$0.0158
7 DEMAND TRANSMISSION		\$0.0048	\$0.0066	\$0.0061	\$0.0046	\$0.0061	\$0.0000	\$0.0030
8 DEMAND SUBSTATION		\$0.0031	\$0.0000	\$0.0015	\$0.0000	\$0.0016	\$0.0000	\$0.0028
9 DEMAND DISTRIBUTION PRIMARY		\$0.0106	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0087
10 DEMAND DISTRIBUTION SECONDARY		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0063
11								
12 ENERGY COMPONENTS	\$0.0059	\$0.0064	\$0.0067	\$0.0065	\$0.0058	\$0.0065	\$0.0000	\$0.0058
13 ENERGY FUEL		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
14 ENERGY NON FUEL		\$0.0064	\$0.0067	\$0.0065	\$0.0058	\$0.0065	\$0.0000	\$0.0058
15								
16 CUSTOMER COMPONENTS	\$0.0114	\$0.0035	\$0.0006	\$0.0006	\$0.0014	\$0.0006	\$0.0000	\$0.0633
17 CUSTOMER SERVICES		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
18 CUSTOMER METER		\$0.0029	\$0.0000	\$0.0000	\$0.0009	\$0.0001	\$0.0000	\$0.0000
19 CUSTOMER METER READING		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
20 CUSTOMER BILLING & COLLECTION		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
21 CUSTOMER SERVICE & INFORMATION		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
22 CUSTOMER OTHER		\$0.0006	\$0.0006	\$0.0006	\$0.0005	\$0.0006	\$0.0000	\$0.0633
23								
24								
25 TOTAL COMPANY	\$0.0863	\$0.0519	\$0.0444	\$0.0432	\$0.0344	\$0.0436	\$0.0000	\$0.1071
26								
27								
28								
29 \$/MONTH/CUSTOMER								
30								
31 TOTAL CUSTOMER COMPONENT \$/MO/CUST	\$324.41	\$3,666.85	\$19,155.78	\$436.79	\$2,579.71	\$0.00	\$0.00	\$0.00
32 SERVICES COMPONENT \$/MO/CUST	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33 METERS COMPONENT \$/MO/CUST	\$265.76	\$270.68	\$270.68	\$270.68	\$270.68	\$0.00	\$0.00	\$0.00
34								
35								

Base Period Ending 6/30/2016

Total
PNM
Consolidated

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	888,328,212	441,905,124	112,206,461	147,564,991	19,401,118	91,007,197	5,474,906	2,478,033
24	LESS FUEL	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	710,575,721	373,842,476	91,865,096	111,487,378	15,053,858	66,115,081	3,508,352	1,987,275
26									

PNMTOTALBY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	13,032,595	4,836,729	27,270,978	209,775	13,476,641	0	1,980,869	7,482,795
24 LESS FUEL	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	8,987,892	3,128,374	17,644,576	129,683	8,751,595	0	1,652,869	6,421,215
26								

PNMDEMANDBY.xls

DEMAND COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	568,028,966	284,301,770	75,270,278	98,457,337	13,114,166	57,854,182	2,915,173	1,617,038
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	568,028,966	284,301,770	75,270,278	98,457,337	13,114,166	57,854,182	2,915,173	1,617,038
26									

PNMDEMANDBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	7,271,117	2,615,485	14,772,579	102,459	7,330,901	0	584,999	1,821,482
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	7,271,117	2,615,485	14,772,579	102,459	7,330,901	0	584,999	1,821,482
26								

PNMPRODBY.xls

DEMAND PRODUCTION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

		Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation
	ALLOCATION	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 6	Schedule 10 Irrigation 7
22		Total PNM Consolidated						
23	TOTAL REVENUE REQUIREMENTS	354,476,759	174,282,449	45,461,641	60,628,132	7,370,980	38,904,399	2,234,289
24	LESS FUEL	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	354,476,759	174,282,449	45,461,641	60,628,132	7,370,980	38,904,399	2,234,289
26								807,959

PNMRODBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

DEMAND PRODUCTION COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	4,063,316	2,153,836	11,664,724	85,053	5,777,381	0	243,948	798,650
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	4,063,316	2,153,836	11,664,724	85,053	5,777,381	0	243,948	798,650
26								

PNMTRANBY.xls

DEMAND TRANSMISSION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
ALLOCATION		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10	
Total PNM Consolidated		Residential 1	Small Power 2	General Power 3	GP Low LF 4	Large Power 5	Industrial Power (Mines, Multi Volt) 6	Irrigation 7	
22									
23	TOTAL REVENUE REQUIREMENTS	78,719,789	39,421,436	10,169,180	13,203,555	1,605,944	8,449,610	471,819	175,098
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	78,719,789	39,421,436	10,169,180	13,203,555	1,605,944	8,449,610	471,819	175,098
26									

PNMTRANBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND TRANSMISSION COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	834,690	461,649	2,481,402	17,405	1,230,734	0	46,029	151,238
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	834,690	461,649	2,481,402	17,405	1,230,734	0	46,029	151,238
26								

PNMDISTBY.xls

DEMAND DISTRIBUTION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND DISTRIBUTION COMPONENT										
Base Period Ending 6/30/2016										
		ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22										
23	TOTAL REVENUE REQUIREMENTS		134,832,418	70,597,885	19,639,458	24,625,649	4,137,242	10,500,173	209,064	633,981
24	LESS FUEL		0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS		134,832,418	70,597,885	19,639,458	24,625,649	4,137,242	10,500,173	209,064	633,981
26										

PNMDISTBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND DISTRIBUTION COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	2,373,111	0	626,454	0	322,786	0	295,022	871,594
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	2,373,111	0	626,454	0	322,786	0	295,022	871,594
26								

PNMDISSUBBY.xls

DEMAND DISTRIBUTION SUBSTATION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	21,619,445	10,253,608	2,852,427	3,576,619	600,891	2,380,697	209,064	92,079
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	21,619,445	10,253,608	2,852,427	3,576,619	600,891	2,380,697	209,064	92,079
26									

PNMDISSUBBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 15-00276-UT

DEMAND DISTRIBUTION SUBSTATION COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	538,054	0	626,454	0	322,786	0	42,849	123,918
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	538,054	0	626,454	0	322,786	0	42,849	123,918
26								

PNMDISPRIBY.xls

DEMAND DISTRIBUTION PRIMARY COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	69,793,418	34,970,407	9,728,334	12,198,226	2,049,368	8,119,476	0	314,040
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	69,793,418	34,970,407	9,728,334	12,198,226	2,049,368	8,119,476	0	314,040
26									

PNMDISPRIBY.xls

DEMAND DISTRIBUTION PRIMARY COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Schedule 20 Streetlighting
	8	9	10	11	12	13	14	15
22								
23	1,835,058	0	0	0	0	0	146,138	432,372
24	0	0	0	0	0	0	0	0
25	1,835,058	0	0	0	0	0	146,138	432,372
26								

PNM DISSECBY.xls

DEMAND DISTRIBUTION SECONDARY COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

		Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation
	ALLOCATION	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 6	Schedule 10 Irrigation 7
	Total PNM Consolidated							
22								
23	TOTAL REVENUE REQUIREMENTS	43,419,554	25,373,870	7,058,697	8,850,804	1,486,983	0	227,862
24	LESS FUEL	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	43,419,554	25,373,870	7,058,697	8,850,804	1,486,983	0	227,862
26								

PNMDISSECBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND DISTRIBUTION SECONDARY COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	106,035	315,304
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	106,035	315,304
26								

PNMCUSTBY.xls

CUSTOMER COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	93,759,602	70,859,770	11,011,789	3,127,935	746,513	1,428,840	53,426	235,540
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	93,759,602	70,859,770	11,011,789	3,127,935	746,513	1,428,840	53,426	235,540
26									

PNMCUSTBY.xls

CUSTOMER COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11 Water & Sewage 8	Schedule 15 Industrial Power Universities 115 kV 9	Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Schedule 33B Large Service for Station Power 11	Lg Power Service >= 3,000 kW 12	Special Service Rate Renew. Energy Res. 13	Schedule 6 Private Area Lighting 14	Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	606,639	44,002	229,869	5,242	123,826	0	977,845	4,308,365
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	606,639	44,002	229,869	5,242	123,826	0	977,845	4,308,365
26								

PNMDISSVCBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER DISTRIBUTION SERVICE COMPONENT
Base Period Ending 6/30/2016

		Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation
	ALLOCATION	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 6	Schedule 10 Irrigation 7
		Total PNM Consolidated						
22								
23	TOTAL REVENUE REQUIREMENTS	10,178,132	9,752,502	425,630	0	0	0	0
24	LESS FUEL	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	10,178,132	9,752,502	425,630	0	0	0	0
26								

PNMDISSVCBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER DISTRIBUTION SERVICE COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
26								

PNMMETERBY.xls

CUSTOMER METER COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 6	Schedule 10 Irrigation 7
22								
23 TOTAL REVENUE REQUIREMENTS	25,672,249	16,156,098	5,481,738	2,031,772	567,119	714,598	6,496	194,719
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	25,672,249	16,156,098	5,481,738	2,031,772	567,119	714,598	6,496	194,719
26								

PNMMETERBY.xls

CUSTOMER METER COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Schedule 20 Streetlighting
	8	9	10	11	12	13	14	15
22								
23	496,970	3,248	3,248	3,248	12,993	0	0	0
24	0	0	0	0	0	0	0	0
25	496,970	3,248	3,248	3,248	12,993	0	0	0
26								

PNMMTRRDGBY.xls

CUSTOMER METER READING EXP COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016		Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation	
ALLOCATION		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7	
		Total PNM Consolidated							
22									
23	TOTAL REVENUE REQUIREMENTS	11,461,847	10,193,722	1,157,837	74,376	20,176	4,860	44	7,219
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	11,461,847	10,193,722	1,157,837	74,376	20,176	4,860	44	7,219
26									

PNMMTRDGBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER METER READING EXP COMPONENT
Base Period Ending 6/30/2016

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	3,457	22	22	22	89	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	3,457	22	22	22	89	0	0	0
26								

PNMBILLINGBY.xls

CUSTOMER RECORDS & COLLECTION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Base Period Ending 6/30/2016			Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
ALLOCATION			Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
Total PNM Consolidated									
22									
23	TOTAL REVENUE REQUIREMENTS	21,631,588	19,265,156	1,920,067	270,607	50,431	108,073	70	11,453
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	21,631,588	19,265,156	1,920,067	270,607	50,431	108,073	70	11,453
26									

PNMBILLINGBY.xls

CUSTOMER RECORDS & COLLECTION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kV 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	5,484	35	35	35	141	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	5,484	35	35	35	141	0	0	0
26								

PNMCUSTOTHBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER OTHER COMPONENT
Base Period Ending 6/30/2016

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	24,815,786	15,492,292	2,026,517	751,179	108,787	601,309	46,815	22,149
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	24,815,786	15,492,292	2,026,517	751,179	108,787	601,309	46,815	22,149
26									

PNMCUSTOTHBY.xls

CUSTOMER OTHER COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	100,727	40,697	226,564	1,936	110,604	0	977,845	4,308,365
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	100,727	40,697	226,564	1,936	110,604	0	977,845	4,308,365
26								

PNMINFOBY.xls

CUSTOMER SERVICE & INFORMATION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
22								
23 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
26								

PNMINFOBY.xls

CUSTOMER SERVICE & INFORMATION COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B Lg Power Service ≥ 3,000 kW	Schedule 36B Special Service Rate Renew. Energy Res.	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power			Private Area Lighting	
	8	9	10	11	12	13	14	15
22								
23 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
26								

PNMENERGYBY.xls

ENERGY COMPONENT
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ENERGY COMPONENT			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
Base Period Ending 6/30/2016									
	ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	226,539,645	86,743,583	25,924,394	45,979,720	5,540,439	31,724,175	2,506,307	625,455
24	LESS FUEL	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	24,892,116	1,966,553	490,758
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	48,787,154	18,680,936	5,583,029	9,902,106	1,193,179	6,832,059	539,754	134,697
26									

PNMENERGYBY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ENERGY COMPONENT
Base Period Ending 6/30/2016

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	5,154,839	2,177,242	12,268,529	102,075	6,021,914	0	418,024	1,352,948
24 LESS FUEL	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	1,110,136	468,887	2,642,128	21,983	1,296,868	0	90,025	291,368
26								

PNMENE-FUELBY.xls

ENERGY FUEL
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

		Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation
	ALLOCATION	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5		Schedule 10 Irrigation 7
	Total PNM Consolidated							
22								
23	TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0
24	LESS FUEL	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0
26								

PNMENE-FUELBY.xls

ENERGY FUEL
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B Lg Power Service ≥ 3,000 kW	Schedule 36B Special Service Rate Renew. Energy Res.	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	Schedule 20
	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power			Private Area Lighting	Streetlighting
	8	9	10	11	12	13	14	15
22								
23 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
26								

PNMENE-NFUELBY.xls

ENERGY NON-FUEL
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ENERGY REVENUE		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
Base Period Ending 6/30/2016								
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
ALLOCATION		Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
		1	2	3	4	5	(Mines, Multi Volt)	7
		Total PNM Consolidated						
22								
23	TOTAL REVENUE REQUIREMENTS	226,539,645	86,743,583	25,924,394	45,979,720	5,540,439	2,506,307	625,455
24	LESS FUEL	177,752,491	68,062,648	20,341,365	36,077,613	4,347,260	1,966,553	490,758
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	48,787,154	18,680,936	5,583,029	9,902,106	1,193,179	539,754	134,697
26								

PNMENE-NFUELBY.xls

ENERGY NON-FUEL
Base Period Ending 6/30/2016

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
ALLOCATION	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
			10	11	12	13	14	15
22								
23	5,154,839	2,177,242	12,268,529	102,075	6,021,914	0	418,024	1,352,948
24	4,044,702	1,708,356	9,626,402	80,092	4,725,046	0	327,999	1,061,580
25	1,110,136	468,887	2,642,128	21,983	1,296,868	0	90,025	291,368
26								

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES								
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	2,720,021,940	1,393,777,463	372,181,866	444,620,593	61,137,662	262,649,236	12,374,632	9,310,983
6 Accumulated Deferred Income Taxes	(828,510,793)	(420,478,839)	(113,611,654)	(136,893,761)	(18,397,481)	(82,469,224)	(4,002,190)	(2,739,864)
7 Regulatory Assets & Liabilities	143,169,995	70,463,590	19,388,934	24,390,202	3,017,349	15,765,289	855,082	401,500
8 Other Rate Base Items	155,511,769	85,784,881	20,745,839	20,336,448	2,831,829	13,990,186	729,046	498,493
9 Working Capital	191,007,376	83,157,630	23,397,420	35,706,588	4,553,066	23,856,059	1,492,625	557,732
10								
11 TOTAL RATE BASE	2,381,200,287	1,212,704,725	322,102,405	388,160,071	53,142,425	233,791,548	11,449,194	8,028,844
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210	1,798,513
18 Fuel Revenue	140,986,737	54,971,279	15,907,835	28,596,650	3,652,817	19,332,032	1,303,149	406,921
19 Total Sales of Electricity Revenue	832,496,940	387,115,114	113,838,859	151,592,521	26,421,732	86,055,197	5,254,359	2,205,434
20 Other Operating Revenue	14,712,587	6,937,424	1,918,532	2,619,027	358,039	1,597,183	83,456	50,539
21								
22 TOTAL OPERATING REVENUE	847,209,527	394,052,538	115,757,391	154,211,548	26,779,771	87,652,380	5,337,815	2,255,973
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	361,893,074	186,274,253	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
26 Operation & Maintenance Expense - Fuel	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
27 Depreciation & Amortization Expense	131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141	444,760
28 General Taxes	37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
29 Other Allowable Expenses	18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
30 Net Allowable Federal Income Tax	22,324,931	2,290,453	5,512,222	8,685,364	3,448,126	2,107,935	282,231	(64,584)
31 Net Allowable State Income Tax	3,480,129	403,113	846,477	1,328,178	522,216	329,834	43,204	(9,422)
32 Revenue Tax	4,159,030	1,933,481	569,197	757,639	132,553	429,531	26,298	10,959
33								
34 TOTAL OPERATING EXPENSES	720,260,997	344,637,029	94,846,793	125,220,130	19,299,586	75,007,859	4,429,622	2,044,073
35								
36 OPERATING INCOME	126,948,530	49,415,509	20,910,598	28,991,418	7,480,185	12,644,521	908,193	211,900
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	5.33%	4.04%	6.45%	7.41%	14.02%	5.54%	8.34%	2.60%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	0.7577	1.2105	1.3903	2.6302	1.0396	1.5651	0.4877
41								
42 Forecasted Rate of Return @ Present Rates (Total)	5.33%	4.07%	6.49%	7.47%	14.08%	5.41%	7.93%	2.64%
43 Relative Rate of Return @ Present Rates (Total)	1.0000	0.7643	1.2177	1.4010	2.6402	1.0145	1.4879	0.4950
44								
45								
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PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES								
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	40,290,369	11,380,015	52,942,865	415,840	30,720,603	4,560,632	3,033,857	20,625,322
6 Accumulated Deferred Income Taxes	(11,557,653)	(3,796,716)	(17,131,882)	(137,388)	(9,955,141)	(925,996)	(894,630)	(5,518,375)
7 Regulatory Assets & Liabilities	1,606,920	872,578	3,732,641	31,485	2,169,545	24,825	94,217	355,839
8 Other Rate Base Items	2,075,300	656,239	3,123,233	25,217	1,803,047	591,295	518,739	1,801,977
9 Working Capital	3,459,227	1,418,121	7,313,342	60,754	4,172,038	610,911	270,719	981,144
10								
11 TOTAL RATE BASE	35,874,163	10,530,237	49,980,198	395,909	28,910,092	4,861,667	3,022,902	18,245,906
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780	6,905,774
18 Fuel Revenue	3,150,406	1,208,257	6,748,260	55,714	3,819,895	699,831	267,416	866,275
19 Total Sales of Electricity Revenue	11,513,446	5,002,293	20,930,194	229,356	9,655,549	1,974,643	2,936,196	7,772,048
20 Other Operating Revenue	261,050	74,106	390,473	3,303	223,422	57,188	20,227	118,617
21								
22 TOTAL OPERATING REVENUE	11,774,496	5,076,400	21,320,667	232,659	9,878,971	2,031,831	2,956,423	7,890,665
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085
26 Operation & Maintenance Expense - Fuel	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
27 Depreciation & Amortization Expense	1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	196,886	1,656,532
28 General Taxes	500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,662
29 Other Allowable Expenses	210,614	109,582	474,164	4,049	272,500	7,578	15,146	54,798
30 Net Allowable Federal Income Tax	(184,421)	272,247	(104,408)	18,539	(922,577)	11,865	447,095	524,845
31 Net Allowable State Income Tax	(26,563)	41,712	(12,903)	2,819	(137,452)	1,805	67,541	79,570
32 Revenue Tax	57,227	25,063	104,459	1,150	47,969	9,752	14,830	38,923
33								
34 TOTAL OPERATING EXPENSES	10,598,106	4,226,082	19,383,873	186,762	10,104,535	1,773,857	2,141,705	6,360,986
35								
36 OPERATING INCOME	1,176,390	850,318	1,936,794	45,898	(225,564)	257,974	814,717	1,529,680
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	3.42%	8.51%	4.29%	12.12%	-0.37%	5.85%	26.88%	8.35%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	0.6418	1.5957	0.8048	2.2739	(0.0701)	1.0970	5.0425	1.5657
41								
42 Forecasted Rate of Return @ Present Rates (Total)	3.28%	8.08%	3.88%	11.59%	-0.78%	5.31%	26.95%	8.38%
43 Relative Rate of Return @ Present Rates (Total)	0.6151	1.5146	0.7269	2.1745	(0.1463)	0.9953	5.0553	1.5725
44								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1									
2	RATE BASE	2,381,200,287	1,212,704,725	322,102,405	388,160,071	53,142,425	233,791,548	11,449,194	8,028,844
3									
4									
5	REQUESTED RETURN								
6									
7	OPERATING REVENUE								
8	Sales of Electricity Revenue								
9	Non-Fuel Revenue	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
10	Fuel Revenue	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
11	Total Sales of Electricity Revenue	932,624,117	463,926,428	120,740,570	153,734,995	20,574,797	95,796,782	5,233,737	2,922,454
12	Other Operating Revenue	14,712,587	6,937,424	1,918,532	2,619,027	358,039	1,597,183	83,456	50,539
13	TOTAL OPERATING REVENUE	947,336,704	470,863,852	122,659,102	156,354,022	20,932,835	97,393,965	5,317,193	2,972,993
14									
15	OPERATING EXPENSES								
16	Operation & Maintenance Expenses Excluding Fuel	361,893,074	186,274,253	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
17	Operation & Maintenance Expense - Fuel	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
18	Depreciation & Amortization Expense	131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141	444,760
19	General Taxes	37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
20	Other Allowable Expenses	18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
21	Net Allowable Federal Income Tax	62,313,020	31,736,772	8,426,622	10,154,238	1,391,553	6,114,076	299,331	210,416
22	Net Allowable State Income Tax	11,260,496	5,736,726	1,523,693	1,835,308	251,293	1,104,799	54,045	37,976
23	Revenue Tax	4,719,075	2,347,466	610,947	777,898	104,108	484,731	26,483	14,788
24	TOTAL OPERATING EXPENSES	768,589,497	379,830,945	98,480,159	127,216,394	16,943,646	79,844,166	4,457,748	2,370,300
25									
26	OPERATING INCOME	178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
27									
28									
29	Requested Rate of Return (Non-Fuel)	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
30	Relative Rate of Return (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
31									
32	Requested Rate of Return (Total)	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
33	Relative Rate of Return (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
34									
35	Base Non-Fuel Revenue Requirement	806,349,967	416,318,056	106,874,395	127,978,712	17,308,292	77,749,014	3,966,888	2,569,222
36	Fuel Revenue Requirement	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
37	Total Revenue Requirement	947,336,704	470,863,852	122,659,102	156,354,022	20,932,835	97,393,965	5,317,193	2,972,993
38									
39	Forecasted Non-Fuel Revenues	691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210	1,798,513
40	Other Operating Revenues	14,712,587	6,937,424	1,918,532	2,619,027	358,039	1,597,183	83,456	50,539
41	Fuel Revenues	140,986,737	54,971,279	15,907,835	28,596,650	3,652,817	19,332,032	1,303,149	406,921
42	Total Revenues	847,209,527	394,052,538	115,757,391	154,211,548	26,779,771	87,652,380	5,337,815	2,255,973
43									
44	Non-Fuel Revenue Deficiency	100,127,177	77,236,797	7,024,839	2,363,815	(5,818,662)	9,428,667	(67,778)	720,170
45	Fuel Revenue Deficiency	0	(425,483)	(123,128)	(221,341)	(28,273)	312,919	47,156	(3,150)
46	Total Revenue Deficiency	100,127,177	76,811,314	6,901,711	2,142,474	(5,846,935)	9,741,586	(20,622)	717,020
47									
48	Non-Fuel Impact as % of Total Revenues	11.82%	19.60%	6.07%	1.53%	-21.73%	10.76%	-1.27%	31.92%
49									
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	14.48%	23.25%	7.17%	1.92%	-25.56%	14.13%	-1.72%	40.04%

PNM EXHIBIT SAV-4
Page 137 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kv 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
ALLOCATION								
	35,874,163	10,530,237	49,980,198	395,909	28,910,092	4,861,667	3,022,902	18,245,906
	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
	14,367,845	4,953,095	24,424,761	203,918	14,026,780	2,221,379	1,922,560	7,574,016
	261,050	74,106	390,473	3,303	223,422	57,188	20,227	118,617
	14,628,895	5,027,201	24,815,235	207,221	14,250,202	2,278,567	1,942,787	7,692,633
	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085
	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
	1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	198,886	1,656,532
	500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,662
	210,614	109,582	474,164	4,049	272,500	7,578	15,146	54,798
	941,914	274,903	1,307,316	10,349	756,065	129,109	79,633	480,724
	169,486	49,713	235,791	1,868	136,402	22,837	14,269	86,291
	72,701	25,063	123,589	1,032	70,975	11,240	9,728	38,324
	11,935,965	4,236,738	21,063,420	177,501	12,080,037	1,913,621	1,715,869	6,322,986
	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	11,427,495	3,773,448	17,859,361	149,409	10,312,786	1,552,384	1,677,441	6,833,064
	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
	14,628,895	5,027,201	24,815,235	207,221	14,250,202	2,278,567	1,942,787	7,692,633
	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780	6,905,774
	261,050	74,106	390,473	3,303	223,422	57,188	20,227	118,617
	3,150,406	1,208,257	6,748,260	55,714	3,819,895	699,831	267,416	866,275
	11,774,496	5,076,400	21,320,667	232,659	9,878,971	2,031,831	2,956,423	7,890,665
	2,803,405	(94,695)	3,286,954	(27,536)	4,253,710	220,384	(1,011,566)	(191,327)
	50,994	45,496	207,613	2,098	117,521	26,352	(2,070)	(6,705)
	2,854,400	(49,198)	3,494,568	(25,438)	4,371,231	246,736	(1,013,636)	(198,032)
	23.81%	-1.87%	15.42%	-11.84%	43.06%	10.85%	-34.22%	-2.42%
	33.52%	-2.50%	23.18%	-15.86%	72.89%	17.29%	-37.90%	-2.77%

PNM EXHIBIT SAV-4
Page 138 of 268

PNMTOTALFTY.xlsx

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY CLASS									
1									
2	RATE BASE	2,381,200,287	1,212,704,725	322,102,405	388,160,071	53,142,425	233,791,548	11,449,194	8,028,844
3									
4									
5	PROPOSED RETURN								
6									
7	OPERATING REVENUE								
8	Sales of Electricity Revenue								
9	Non-Fuel Revenue	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
10	Fuel Revenue	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
11	Total Sales of Electricity Revenue	932,624,117	463,926,428	120,740,570	153,734,995	20,574,797	95,796,782	5,233,737	2,922,454
12	Other Operating Revenue	14,712,587	6,937,424	1,918,532	2,619,027	358,039	1,597,183	83,456	50,539
13	TOTAL OPERATING REVENUE	947,336,704	470,863,852	122,659,102	156,354,022	20,932,835	97,393,965	5,317,193	2,972,993
14									
15	OPERATING EXPENSES								
16	Operation & Maintenance Expenses Excluding Fuel	361,893,074	186,274,253	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
17	Operation & Maintenance Expense - Fuel	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
18	Depreciation & Amortization Expense	131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141	444,760
19	General Taxes	37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
20	Other Allowable Expenses	18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
21	Net Allowable Federal Income Tax	62,313,020	31,736,772	8,426,622	10,154,238	1,391,553	6,114,076	299,331	210,416
22	Net Allowable State Income Tax	11,260,496	5,736,726	1,523,693	1,835,308	251,293	1,104,799	54,045	37,976
23	Revenue Tax	4,719,075	2,347,466	610,947	777,898	104,108	484,731	26,483	14,788
24	TOTAL OPERATING EXPENSES	768,589,497	379,830,945	98,480,159	127,216,394	16,943,646	79,844,166	4,457,748	2,370,300
25									
26	OPERATING INCOME	178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
27									
28									
29	Rate of Return (Non-Fuel)	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
30	Relative Rate of Return (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
31									
32	Rate of Return (Total)	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
33	Relative Rate of Return (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
34									
35	Base Non-Fuel Revenue Requirement	806,349,967	416,318,056	106,874,395	127,978,712	17,308,292	77,749,014	3,966,888	2,569,222
36	Fuel Revenue Requirement	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
37	Total Revenue Requirement	947,336,704	470,863,852	122,659,102	156,354,022	20,932,835	97,393,965	5,317,193	2,972,993
38									
39	Forecasted Non-Fuel Revenues	691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210	1,798,513
40	Other Operating Revenues	14,712,587	6,937,424	1,918,532	2,619,027	358,039	1,597,183	83,456	50,539
41	Fuel Revenues	140,986,737	54,971,279	15,907,835	28,596,650	3,652,817	19,332,032	1,303,149	406,921
42	Total Revenues	847,209,527	394,052,538	115,757,391	154,211,548	26,779,771	87,652,380	5,337,815	2,255,973
43									
44	Non-Fuel Revenue Deficiency	100,127,177	77,236,797	7,024,839	2,363,815	(5,818,662)	9,428,667	(67,778)	720,170
45	Fuel Revenue Deficiency	0	(425,483)	(123,128)	(221,341)	(28,273)	312,919	47,156	(3,150)
46	Total Revenue Deficiency	100,127,177	76,811,314	6,901,711	2,142,474	(5,846,935)	9,741,586	(20,622)	717,020
47									
48	Non-Fuel Impact as % of Total Revenues	11.82%	19.60%	6.07%	1.53%	-21.73%	10.76%	-1.27%	31.92%
49									
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	14.48%	23.25%	7.17%	1.92%	-25.56%	14.13%	-1.72%	40.04%

PNM EXHIBIT SAV-4
Page 139 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf. 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
ALLOCATION								
E BY CLASS								
	35,874,163	10,530,237	49,980,198	395,909	28,910,092	4,861,667	3,022,902	18,245,906
	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
	14,367,845	4,953,095	24,424,761	203,918	14,026,780	2,221,379	1,922,560	7,574,016
	261,050	74,106	390,473	3,303	223,422	57,188	20,227	118,617
	14,628,895	5,027,201	24,815,235	207,221	14,250,202	2,278,567	1,942,787	7,692,633
	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085
	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
	1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	196,886	1,656,532
	500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,662
	210,614	109,582	474,164	4,049	272,500	7,578	15,146	54,798
	941,914	274,903	1,307,316	10,349	756,065	129,109	79,633	480,724
	169,486	49,713	235,791	1,868	136,402	22,837	14,269	86,291
	72,701	25,063	123,589	1,032	70,975	11,240	9,728	38,324
	11,935,965	4,236,738	21,063,420	177,501	12,080,037	1,913,621	1,715,869	6,322,986
	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	11,427,495	3,773,448	17,859,361	149,409	10,312,786	1,552,384	1,677,441	6,833,064
	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
	14,628,895	5,027,201	24,815,235	207,221	14,250,202	2,278,567	1,942,787	7,692,633
	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780	6,905,774
	261,050	74,106	390,473	3,303	223,422	57,188	20,227	118,617
	3,150,406	1,208,257	6,748,260	55,714	3,819,895	699,831	267,416	866,275
	11,774,496	5,076,400	21,320,667	232,659	9,878,971	2,031,831	2,956,423	7,890,665
	2,803,405	(94,695)	3,286,954	(27,536)	4,253,710	220,384	(1,011,566)	(191,327)
	50,994	45,496	207,613	2,098	117,521	26,352	(2,070)	(6,705)
	2,854,400	(49,198)	3,494,568	(25,438)	4,371,231	246,736	(1,013,636)	(198,032)
	23.81%	-1.87%	15.42%	-11.84%	43.06%	10.85%	-34.22%	-2.42%
	33.52%	-2.50%	23.18%	-15.86%	72.89%	17.29%	-37.90%	-2.77%

PNM EXHIBIT SAV-4
Page 140 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
	ALLOCATION	Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
		1	2	3	4	5	(Mines, Multi Volt)	7
RATE BASE								
1	NET PLANT							
2								
3	NET PRODUCTION PLANT							
4	_4CP_3S1W							
5	Steam Production Net Plant	547,511,764	268,362,123	74,035,230	93,632,135	11,398,501	61,138,488	3,353,201
6	San Juan Unit 4 65 MW	0	0	0	0	0	0	0
7	Total Steam Production Net Plant	547,511,764	268,362,123	74,035,230	93,632,135	11,398,501	61,138,488	3,353,201
8								
9	Nuclear Production Net Plant - Palo Verde 1 & 2	295,362,496	144,771,513	39,939,289	50,511,100	6,149,073	32,981,969	1,808,929
10	Nuclear Production Net Plant - Palo Verde 3	142,245,915	69,721,636	19,234,672	24,326,032	2,961,380	15,884,043	871,176
11	PV 1&2 Acquisition Adjustment	2,297,904	1,126,314	310,725	392,974	47,839	256,598	14,073
12	PV 2 Lease Acquisition Adjustment - First Chicago	23,020,136	11,283,287	3,112,812	3,936,764	479,250	2,570,568	140,985
13	PV 2 64.1 MW Lease Acquisition Adjustment	0	0	0	0	0	0	0
14	Total Nuclear Production Net Plant	462,926,451	226,902,751	62,597,498	79,166,869	9,637,542	51,693,178	2,835,164
15								
16	Other Production Plant - Gas & 40 MW Solar	404,119,271	198,078,494	54,645,517	69,110,022	8,413,251	45,126,411	2,475,003
17	Other Production Plant - Renewable	0	0	0	0	0	0	0
18	Total Other Production Net Plant	404,119,271	198,078,494	54,645,517	69,110,022	8,413,251	45,126,411	2,475,003
19								
20	TOTAL NET PRODUCTION PLANT	1,414,557,486	693,343,368	191,278,245	241,909,027	29,449,294	157,958,077	8,663,368
21								
22								
23								
24	NET TRANSMISSION PLANT							
25								
26	Step-Up Transformers - Excluding PV3	9,029,847	4,367,667	1,203,327	1,524,063	185,470	994,790	54,688
27	Step-Up Transformers - PV3	189,869	91,838	25,302	32,046	3,900	20,917	1,150
28	Total Transmission Station Equipment - Step-up Xfmr and Aux	9,219,716	4,459,505	1,228,629	1,556,109	189,370	1,015,707	55,838
29								
30	Transmission System Net Plant	304,884,409	147,470,218	40,629,209	51,458,574	6,262,234	33,588,152	1,846,502
31	Transmission System Net Plant - PV 3	2,238,090	1,082,547	298,250	377,746	45,970	246,563	13,555
32	Transmission System Net Plant - High Lonesome Mesa	0	0	0	0	0	0	0
33	Transmission System Net Plant - Dedicated Retail	3,049,614	1,475,075	406,395	514,716	62,638	335,966	18,470
34	Transmission System Net Plant - Dedicated FERC	0	0	0	0	0	0	0
35	EIP Acquisition Adjustment	2,277,239	1,101,483	303,467	384,354	46,774	250,876	13,792
36	Total Transmission System Net Plant	312,449,352	151,129,322	41,637,321	52,735,389	6,417,616	34,421,558	1,892,319
37								
38	TOTAL NET TRANSMISSION PLANT	321,659,068	155,588,827	42,865,949	54,291,498	6,606,986	35,437,265	1,948,157
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Test Period

Page 7 of 98

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Schedule 20 Streetlighting
	8	9	10	11	12	13	14	15
CP_3S1W								
CP_3S1W	5,934,299	3,449,950	14,682,674	124,106	8,552,761	0	317,834	1,029,621
CP_3S1W	0	0	0	0	0	0	0	0
	5,934,299	3,449,950	14,682,674	124,106	8,552,761	0	317,834	1,029,621
CP_3S1W	3,201,337	1,861,122	7,920,764	66,951	4,613,901	0	171,460	555,443
CP_3S1W	1,541,757	896,312	3,814,622	32,243	2,222,044	0	82,575	267,500
CP_3S1W	24,906	14,479	61,623	521	35,896	0	1,334	4,321
CP_3S1W	249,508	145,053	617,333	5,218	359,601	0	13,363	43,290
CP_3S1W	0	0	0	0	0	0	0	0
	5,017,507	2,916,966	12,414,342	104,933	7,231,442	0	268,732	870,555
CP_3S1W	4,380,115	2,546,414	10,837,304	91,603	6,312,806	0	234,594	759,965
CP_3S1W	0	0	0	0	0	0	0	0
	4,380,115	2,546,414	10,837,304	91,603	6,312,806	0	234,594	759,965
	15,331,922	8,913,330	37,934,321	320,641	22,097,009	0	821,160	2,660,141
ans_3S1W	96,465	56,057	239,111	2,017	139,220	120,390	5,242	16,981
ans_3S1W	2,028	1,179	5,028	42	2,927	2,531	110	357
	98,494	57,236	244,139	2,059	142,147	122,921	5,352	17,338
ans_3S1W	3,257,058	1,892,711	8,073,359	68,098	4,700,622	4,064,858	176,984	573,338
ans_3S1W	23,909	13,894	59,265	500	34,506	29,839	1,299	4,209
ans_3S1W	0	0	0	0	0	0	0	0
ans_3S1W	32,579	18,932	80,754	681	47,018	40,659	1,770	5,735
ERC	0	0	0	0	0	0	0	0
ans_3S1W	24,328	14,137	60,301	509	35,110	30,361	1,322	4,282
	3,337,874	1,939,674	8,273,679	69,788	4,817,257	4,165,718	181,375	587,564
	3,436,368	1,996,910	8,517,818	71,847	4,959,404	4,288,639	186,727	604,902

PNMTOTALTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

RATE BASE CONTINUED

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 NET DISTRIBUTION PLANT								
2								
3 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0
4 Distribution Substations Net Plant - PNM	NCP_Subs	150,145,189	69,593,599	20,430,084	24,351,137	4,144,639	16,328,812	733,402
5 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0
6 Total Distribution Substations Net Plant		150,145,189	69,593,599	20,430,084	24,351,137	4,144,639	16,328,812	733,402
7								
8 Primary Distribution System Net Plant - PNM	NCP_Pri	368,478,348	180,332,020	52,938,752	63,099,047	10,739,653	42,311,472	1,900,403
9 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
10 Total Primary Distribution Net Plant		368,478,348	180,332,020	52,938,752	63,099,047	10,739,653	42,311,472	1,900,403
11								
12 Secondary Distribution System Net Plant - PNM	NCP_Sec	207,740,458	119,974,862	35,220,142	41,979,785	7,145,090	0	1,264,338
13 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
14 Total Secondary Distribution Net Plant		207,740,458	119,974,862	35,220,142	41,979,785	7,145,090	0	1,264,338
15								
16 Services Net Plant - PNM	Wtd_Services	52,806,644	50,598,371	2,208,273	0	0	0	0
17								
18 Meters Net Plant - PNM	Wtd_Meters	37,116,821	23,360,567	7,887,389	2,935,261	794,165	1,046,790	290,264
19								
20 Private Lighting - 371	CUST371	12,278	0	0	0	0	0	0
21 Street Lighting - 373	CUST373	10,735,759	0	0	0	0	0	0
22 Total Lighting Net Plant		10,748,037	0	0	0	0	0	0
23								
24 TOTAL NET DISTRIBUTION PLANT		827,035,497	443,859,419	118,684,639	132,365,231	22,823,547	59,687,074	4,188,407
25								
26								
27								
28 NET GENERAL AND INTANGIBLE PLANT								
29								
30 Production General & Intangible Net Plant	Prod_Labor	4,917,581	2,410,346	664,962	840,975	102,378	549,127	13,480
31 PV Unit 3 General & Intangible Net Plant	Prod_Labor	524,404	257,036	70,911	89,680	10,917	58,558	1,437
32 Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0
33 Bulk Power Operations	Prod_Labor	2,815,098	1,379,816	380,661	481,421	58,607	314,351	7,717
34 Energy Management System Facilities	Prod_Labor	3,070,434	1,504,969	415,188	525,087	63,923	342,863	8,417
35 Other Division Offices/Customer Service	Cust_Svc_Labor	44,248,660	34,927,021	4,546,943	2,008,889	289,856	1,248,394	84,893
36 Communications - Transmission	Trans_Labor	12,202,925	5,902,460	1,626,174	2,059,617	250,644	1,344,358	73,906
37 Production Related (Shared Services)	Prod_Labor	31,580,446	15,479,111	4,270,348	5,400,696	657,465	3,528,464	193,412
38 Transmission Related (Shared Services)	Trans_Labor	3,623,883	1,752,844	482,922	611,641	74,433	399,232	21,948
39 Distribution/Customer Related (Shared Services)	DistCust_Labor	53,776,457	37,372,246	6,894,924	4,036,830	749,613	1,783,473	45,706
40 TOTAL NET GENERAL AND INTANGIBLE PLANT		156,759,889	100,985,649	19,353,033	16,054,837	2,257,836	9,566,821	489,240
41								
42								
43								
44 TOTAL NET PLANT IN SERVICE		2,720,021,940	1,393,777,463	372,181,866	444,620,593	61,137,662	262,649,236	9,310,983
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PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
RATE BASE CONTINUED								
1 NET DISTRIBUTION PLANT								
2								
3 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0
4 Distribution Substations Net Plant - PNM	NCP_Sub	5,370,449	0	4,298,524	0	2,379,130	0	295,028
5 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0
6 Total Distribution Substations Net Plant		5,370,449	0	4,298,524	0	2,379,130	0	295,028
7								
8 Primary Distribution System Net Plant - PNM	NCP_Pri	13,915,991	0	0	0	0	764,480	2,476,528
9 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
10 Total Primary Distribution Net Plant		13,915,991	0	0	0	0	764,480	2,476,528
11								
12 Secondary Distribution System Net Plant - PNM	NCP_Sec	0	0	0	0	0	508,608	1,647,634
13 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
14 Total Secondary Distribution Net Plant		0	0	0	0	0	508,608	1,647,634
15								
16 Services Net Plant - PNM	Wtd_Services	0	0	0	0	0	0	0
17								
18 Meters Net Plant - PNM	Wtd_Meters	756,271	4,611	4,611	4,611	18,446	4,611	0
19								
20 Private Lighting - 371	CUST371	0	0	0	0	0	12,278	0
21 Street Lighting - 373	CUST373	0	0	0	0	0	0	10,735,759
22 Total Lighting Net Plant		0	0	0	0	0	12,278	10,735,759
23								
24 TOTAL NET DISTRIBUTION PLANT		20,042,712	4,611	4,303,135	4,611	2,397,576	4,611	15,815,661
25								
26								
27								
28 NET GENERAL AND INTANGIBLE PLANT								
29								
30 Production General & Intangible Net Plant	Prod_Labor	53,300	30,986	131,875	1,115	76,818	0	9,248
31 PV Unit 3 General & Intangible Net Plant	Prod_Labor	5,684	3,304	14,063	119	8,192	0	304
32 Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0
33 Bulk Power Operations	Prod_Labor	30,512	17,738	75,493	638	43,975	0	1,634
34 Energy Management System Facilities	Prod_Labor	33,279	19,347	82,340	696	47,964	0	1,782
35 Other Division Offices/Customer Service	Cust_Svc_Labor	211,992	78,765	436,687	3,696	247,421	45,650	16,656
36 Communications - Transmission	Trans_Labor	130,363	75,755	323,134	2,726	188,141	162,695	7,084
37 Production Related (Shared Services)	Prod_Labor	342,290	198,993	846,896	7,158	493,323	0	18,333
38 Transmission Related (Shared Services)	Trans_Labor	38,714	22,497	95,961	809	55,872	48,315	2,104
39 Distribution/Customer Related (Shared Services)	DistCust_Labor	633,234	17,777	181,142	1,783	104,910	10,722	394,824
40 TOTAL NET GENERAL AND INTANGIBLE PLANT		1,479,368	465,164	2,187,591	18,741	1,266,615	267,382	445,576
41								
42								
43								
44 TOTAL NET PLANT IN SERVICE		40,290,369	11,380,015	52,942,865	415,840	30,720,603	4,560,632	3,033,857
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PNM EXHIBIT SAV-4
Page 144 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018		Residential	Small Power	General Power	General Power	Large Power	Mines			
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5			
		Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power			
		1	2	3	4	5	(Mines, Multi Volt)	Schedule 10		
								Irrigation		
		1	2	3	4	5	6	7		
ALLOCATION		Total								
		PNM								
		Consolidated								
RATE BASE CONTINUED										
1	ADDITIONS & DEDUCTIONS TO RATE BASE									
2	ACCUMULATED DEFERRED INCOME TAXES & CREDITS									
3	Injury & Damages	Total_Labor	2,495,588	1,453,025	329,310	318,432	44,171	190,067	9,335	7,289
4	Palo Verde Gain 1 & 2	Net_Prod_Plant	0	0	0	0	0	0	0	0
5	Renewable NOL Allocation	Net_Prod_Plant	0	0	0	0	0	0	0	0
6	Palo Verde Construction Credits 1& 2	Net_Prod_Plant	15,746	7,718	2,129	2,693	328	1,758	96	43
7	Pension Prepaid Tax Qualified	Total_Labor	(56,342,550)	(32,804,745)	(7,434,786)	(7,189,191)	(997,243)	(4,291,121)	(210,754)	(164,556)
8	Pension Prepaid Tax NQRP	Total_Labor	2,105,517	1,225,911	277,837	268,660	37,267	160,359	7,876	6,149
9	Eastern Interconnect Project Gain	Net_Trans_Plant	0	0	0	0	0	0	0	0
10	Line Extension Policy	Net_Dist_Plant	957,131	513,680	137,354	153,187	26,414	69,076	1,474	4,847
11	Tax Capitalized Interest	Net_Plant	20,400,214	10,453,356	2,791,371	3,334,663	458,534	1,969,874	92,810	69,833
12	Palo Verde Dry Cask Storage 1 & 2	Net_Prod_Plant	0	0	0	0	0	0	0	0
13	Palo Verde Dry Cask Storage 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
14	Contributions In Aid of Construction	Net_Dist_Plant	34,915,974	18,738,959	5,010,655	5,588,226	963,570	2,519,883	53,780	176,827
15	Coal Mine Decommissioning	Net_Prod_Plant	(1,589,677)	(779,178)	(214,958)	(271,857)	(33,095)	(177,513)	(9,736)	(4,358)
16	Pollution Control Facilities 4 Corners	Net_Prod_Plant	0	0	0	0	0	0	0	0
17	FERC Customer Depreciation	DFERC	0	0	0	0	0	0	0	0
18	Liberalized Depreciation - Renewables	Net_Plant	0	0	0	0	0	0	0	0
19	Liberalized Depreciation - Other	Net_Plant	(34,243,440)	(17,546,820)	(4,685,546)	(5,597,506)	(769,686)	(3,306,596)	(155,789)	(117,220)
20	Liberalized Depreciation - Generation	Net_Prod_Plant	(375,078,475)	(183,844,188)	(50,718,584)	(64,143,642)	(7,808,658)	(41,883,540)	(2,297,144)	(1,028,165)
21	Liberalized Depreciation - Distribution	Net_Dist_Plant	(240,592,716)	(129,123,047)	(34,526,522)	(38,506,340)	(6,639,593)	(17,363,554)	(370,581)	(1,218,449)
22	Liberalized Depreciation - Transmission	Net_Trans_Plant	(71,363,136)	(34,517,794)	(9,509,925)	(12,044,713)	(1,465,777)	(7,861,851)	(432,204)	(192,517)
23	Liberalized Depreciation - PV 3	Net_Prod_Plant	(80,341,357)	(39,379,203)	(10,863,859)	(13,739,491)	(1,672,605)	(8,971,404)	(492,046)	(220,232)
24	Palo Verde Start-Up Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
25	Nuclear Fuel Amortization PV 1&2	Energy4	5,892,474	2,279,716	659,714	1,185,933	151,486	821,051	56,435	16,875
26	Nuclear Fuel Amortization PV 3	Energy4	3,246,582	1,256,057	363,483	653,414	83,464	452,375	31,094	9,298
27	Debt AFUDC	Net_Plant	(24,853,979)	(12,735,528)	(3,400,782)	(4,062,685)	(558,640)	(2,399,936)	(113,072)	(85,078)
28	Pre-1981 Repair Allowance	Net_Prod_Plant	(22,138,422)	(10,851,116)	(2,993,585)	(3,785,978)	(460,894)	(2,472,111)	(135,585)	(60,686)
29	Palo Verde Licensing Amortization	Net_Prod_Plant	(4,611,465)	(2,260,303)	(623,568)	(788,625)	(96,005)	(514,944)	(28,243)	(12,641)
30	Asset Retirement Obligation	_MDC1	6,622,514	3,270,612	899,883	1,126,746	141,455	718,636	38,136	19,381
31	Afton Writedown	Net_Prod_Plant	3,884,264	1,903,867	525,235	664,263	80,865	433,741	23,789	10,648
32	Loss on Reacquired Debt	Net_Plant	(3,327,405)	(1,705,009)	(455,290)	(543,905)	(74,790)	(321,299)	(15,138)	(11,390)
33	Book Capitalized Interest	Net_Plant	(7,370,219)	(3,776,604)	(1,008,470)	(1,204,752)	(165,660)	(711,679)	(33,531)	(25,229)
34	Prepaid Expenses	Prepayments	(3,756,987)	(1,851,540)	(509,535)	(638,832)	(79,909)	(408,584)	(21,776)	(10,897)
35	Net Operating Loss (NOL)	Net_Plant	61,810,455	31,672,546	8,457,553	10,103,669	1,389,307	5,968,507	281,204	211,585
36	Deferred Federal Tax Credits	Net_Plant	9,211,736	4,720,223	1,260,446	1,505,770	207,051	889,498	41,908	31,533
37	PCB Refinancing	Net_Plant	(5,366,226)	(2,749,730)	(734,263)	(877,175)	(120,616)	(518,171)	(24,413)	(18,369)
38	LVGS Decommissioning	Net_Prod_Plant	171,549	84,085	23,197	29,337	3,571	19,156	1,051	470
39	Renewable NM AETC	Net_Prod_Plant	0	0	0	0	0	0	0	0
40	Rate Case Expense	NFREV	(1,335,421)	(641,425)	(189,121)	(237,525)	(43,971)	(128,854)	(7,630)	(3,473)
41	DOE Spent Fuel Settlement	Energy4	0	0	0	0	0	0	0	0
42	DOE Spent Fuel Settlement PV3	Energy4	0	0	0	0	0	0	0	0
43	50% SJGS 2&3	Net_Prod_Plant	(48,497,857)	(23,771,157)	(6,557,941)	(8,293,809)	(1,009,664)	(5,415,565)	(297,022)	(132,942)
44	Liberalized Depreciation - SJ4 132 mW	Net_Prod_Plant	1,522,962	746,478	205,937	260,448	31,706	170,063	9,327	4,175
45	Liberalized Depreciation - SJ4 65 mW	Net_Prod_Plant	0	0	0	0	0	0	0	0
46	Westmoreland Agreement Costs	Net_Prod_Plant	(954,168)	(467,684)	(129,024)	(163,176)	(19,865)	(106,548)	(5,844)	(2,616)
47	Liberalized Depreciation - HLM	Net_Prod_Plant	0	0	0	0	0	0	0	0
48	TOTAL ACCUMULATED DEFERRED INCOME TAXES		(828,510,793)	(420,478,839)	(113,611,654)	(136,893,761)	(18,397,481)	(82,469,224)	(4,002,190)	(2,739,864)
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PNM EXHIBIT SAV-4
Page 145 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
	Water & Sewage	Universities 115 kV	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Streetlighting
	8	9	10	11	12	13	14	15

RATE BASE CONTINUED

1 ADDITIONS & DEDUCTIONS TO RATE BASE									
2 ACCUMULATED DEFERRED INCOME TAXES & CREDITS									
3 Injury & Damages	Total_Labor	28,083	8,989	40,472	347	23,562	1,962	9,064	31,480
4 Palo Verde Gain 1 & 2	Net_Prod_Plant	0	0	0	0	0	0	0	0
5 Renewable NOL Allocation	Net_Prod_Plant	0	0	0	0	0	0	0	0
6 Palo Verde Construction Credits 1& 2	Net_Prod_Plant	171	99	422	4	246	0	9	30
7 Pension Prepaid Tax Qualified	Total_Labor	(634,035)	(202,938)	(913,734)	(7,841)	(531,949)	(44,303)	(204,627)	(710,728)
8 Pension Prepaid Tax NQRP	Total_Labor	23,694	7,584	34,146	293	19,879	1,656	7,647	26,560
9 Eastern Interconnect Project Gain	Net_Trans_Plant	0	0	0	0	0	0	0	0
10 Line Extension Policy	Net_Dist_Plant	23,195	5	4,980	5	2,775	5	1,829	18,304
11 Tax Capitalized Interest	Net_Plant	302,179	85,350	397,072	3,119	230,405	34,205	22,754	154,690
12 Palo Verde Dry Cask Storage 1 & 2	Net_Prod_Plant	0	0	0	0	0	0	0	0
13 Palo Verde Dry Cask Storage 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
14 Contributions In Aid of Construction	Net_Dist_Plant	846,168	195	181,671	195	101,221	195	66,721	667,709
15 Coal Mine Decommissioning	Net_Prod_Plant	(17,230)	(10,017)	(42,631)	(360)	(24,833)	0	(923)	(2,989)
16 Pollution Control Facilities 4 Corners	Net_Prod_Plant	0	0	0	0	0	0	0	0
17 FERC Customer Depreciation	DFERC	0	0	0	0	0	0	0	0
18 Liberalized Depreciation - Renewables	Net_Plant	0	0	0	0	0	0	0	0
19 Liberalized Depreciation - Other	Net_Plant	(507,232)	(143,268)	(666,519)	(5,235)	(386,754)	(57,416)	(38,194)	(259,660)
20 Liberalized Depreciation - Generation	Net_Prod_Plant	(4,065,352)	(2,363,423)	(10,058,515)	(85,020)	(5,859,156)	0	(217,735)	(705,352)
21 Liberalized Depreciation - Distribution	Net_Dist_Plant	(5,830,621)	(1,342)	(1,251,824)	(1,342)	(697,478)	(1,342)	(459,752)	(4,600,930)
22 Liberalized Depreciation - Transmission	Net_Trans_Plant	(762,367)	(443,020)	(1,889,701)	(15,940)	(1,100,257)	(951,446)	(41,426)	(134,199)
23 Liberalized Depreciation - PV 3	Net_Prod_Plant	(870,793)	(506,242)	(2,154,522)	(18,211)	(1,255,024)	0	(46,639)	(151,086)
24 Palo Verde Start-Up Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
25 Nuclear Fuel Amortization PV 1&2	Energy4	133,801	52,400	290,717	2,416	164,562	30,350	11,090	35,925
26 Nuclear Fuel Amortization PV 3	Energy4	73,720	28,871	160,177	1,331	90,669	16,722	6,110	19,794
27 Debt AFUDC	Net_Plant	(368,150)	(103,984)	(483,761)	(3,800)	(280,707)	(41,672)	(27,722)	(188,462)
28 Pre-1981 Repair Allowance	Net_Prod_Plant	(239,951)	(139,497)	(593,688)	(5,018)	(345,828)	0	(12,851)	(41,632)
29 Palo Verde Licensing Amortization	Net_Prod_Plant	(49,982)	(29,058)	(123,666)	(1,045)	(72,036)	0	(2,677)	(8,672)
30 Asset Retirement Obligation	_MDC1	78,859	38,402	166,173	1,384	96,728	3	4,548	21,567
31 Afton Writedown	Net_Prod_Plant	42,100	24,475	104,165	880	60,677	0	2,255	7,305
32 Loss on Reacquired Debt	Net_Plant	(49,287)	(13,921)	(64,765)	(509)	(37,581)	(5,579)	(3,711)	(25,231)
33 Book Capitalized Interest	Net_Plant	(109,171)	(30,835)	(143,455)	(1,127)	(83,241)	(12,358)	(8,221)	(55,887)
34 Prepaid Expenses	Prepayments	(44,203)	(21,979)	(94,929)	(792)	(55,260)	(4,602)	(2,532)	(11,617)
35 Net Operating Loss (NOL)	Net_Plant	915,568	258,602	1,203,087	9,450	698,103	103,637	68,942	468,695
36 Deferred Federal Tax Credits	Net_Plant	136,449	38,540	179,298	1,408	104,040	15,445	10,275	69,851
37 PCB Refinancing	Net_Plant	(79,487)	(22,451)	(104,449)	(820)	(60,607)	(8,997)	(5,985)	(40,691)
38 LVGS Decommissioning	Net_Prod_Plant	1,859	1,081	4,600	39	2,680	0	100	323
39 Renewable NM AETC	Net_Prod_Plant	0	0	0	0	0	0	0	0
40 Rate Case Expense	NFREV	(16,150)	(7,327)	(27,388)	(335)	(11,270)	(2,462)	(5,154)	(13,336)
41 DOE Spent Fuel Settlement	Energy4	0	0	0	0	0	0	0	0
42 DOE Spent Fuel Settlement PV3	Energy4	0	0	0	0	0	0	0	0
43 50% SJGS 2&3	Net_Prod_Plant	(525,652)	(305,592)	(1,300,572)	(10,993)	(757,592)	0	(28,153)	(91,202)
44 Liberalized Depreciation - SJ4 132 mW	Net_Prod_Plant	16,507	9,596	40,841	345	23,790	0	884	2,864
45 Liberalized Depreciation - SJ4 65 mW	Net_Prod_Plant	0	0	0	0	0	0	0	0
46 Westmoreland Agreement Costs	Net_Prod_Plant	(10,342)	(6,012)	(25,588)	(216)	(14,905)	0	(554)	(1,794)
47 Liberalized Depreciation - HLM	Net_Prod_Plant	0	0	0	0	0	0	0	0
48 TOTAL ACCUMULATED DEFERRED INCOME TAXES		(11,557,653)	(3,796,716)	(17,131,882)	(137,388)	(9,955,141)	(925,996)	(894,630)	(5,518,375)
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PNM EXHIBIT SAV-4
Page 146 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
et_Prod_Plant	3,917,934	1,920,370	529,788	670,021	81,566	437,500	23,995	10,740
et_Prod_Plant	(35,484)	(17,393)	(4,798)	(6,068)	(739)	(3,962)	(217)	(97)
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	93,041	45,604	12,581	15,911	1,937	10,389	570	255
et_Prod_Plant	(512,013)	(250,962)	(69,235)	(87,561)	(10,659)	(57,174)	(3,136)	(1,404)
et_Plant	13,503,542	6,919,404	1,847,696	2,207,318	303,518	1,303,921	61,434	46,224
et_Plant	0	0	0	0	0	0	0	0
et_Plant	0	0	0	0	0	0	0	0
PREV	1,184,382	568,878	167,731	210,661	38,997	114,280	6,767	3,080
et_Prod_Plant	125,018,594	61,277,689	16,905,172	21,379,920	2,602,729	13,960,335	765,668	342,701
	143,169,995	70,463,590	19,388,934	24,390,202	3,017,349	15,765,289	855,082	401,500
Customer_Deposits	(12,363,018)	(8,006,014)	(1,425,280)	(2,599,105)	(332,620)	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Dist_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	(15,421,036)	(7,558,599)	(2,085,252)	(2,637,212)	(321,046)	(1,722,007)	(94,445)	(42,272)
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Dist_Plant	(1,337,402)	(717,767)	(191,925)	(214,048)	(36,908)	(96,520)	(2,060)	(6,773)
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Labor	(6,249,325)	(3,638,591)	(824,641)	(797,401)	(110,611)	(475,957)	(23,376)	(18,252)
et_Labor	(5,303,827)	(3,088,087)	(699,876)	(676,757)	(93,876)	(403,946)	(19,839)	(15,491)
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
rans_3S1W	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Trans_Plant	0	0	0	0	0	0	0	0
et_Dist_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
rans_3S1W	34,326,970	16,603,689	4,574,447	5,793,727	705,066	3,781,694	207,898	92,604
CP_Subs	6,403,676	2,968,159	871,341	1,038,573	176,768	696,422	53,937	31,280

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kv 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kv) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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RATE BASE CONTINUED

1	ADDITIONS & DEDUCTIONS TO RATE BASE									
2	REGULATORY ASSETS & LIABILITIES									
3	Coal Mine Decommissioning-Surface	Net_Prod_Plant	42,465	24,687	105,068	888	61,203	0	2,274	7,368
4	PV 1&2 Combustion Engineering	Net_Prod_Plant	(385)	(224)	(952)	(8)	(554)	0	(21)	(67)
5	PV 1&2 DOE Spent Fuel Refund	Net_Prod_Plant	0	0	0	0	0	0	0	0
6	PV 3 DOE Spent Fuel Refund	Net_Prod_Plant	0	0	0	0	0	0	0	0
7	Reg Asset LVGS Decommission	Net_Prod_Plant	1,008	586	2,495	21	1,453	0	54	175
8	Reg Liab LVGS Decommission	Net_Prod_Plant	(5,550)	(3,226)	(13,731)	(116)	(7,998)	0	(297)	(963)
9	PCB Refinancing Hedge	Net_Plant	200,021	56,496	262,835	2,064	152,512	22,641	15,062	102,394
10	Reg Liab Renewables Fed Grant	Net_Plant	0	0	0	0	0	0	0	0
11	Reg Liab Renewables St Credit	Net_Plant	0	0	0	0	0	0	0	0
12	2015 Rate Case Expenses	NFREV	14,324	6,498	24,290	297	9,995	2,183	4,571	11,828
13	San Juan Units 2 & 3 50% Undepreciated Investment	Net_Prod_Plant	1,355,035	787,760	3,352,635	28,338	1,952,934	0	72,574	235,103
14										
15										
16	TOTAL REGULATORY ASSETS & LIABILITIES		1,606,920	872,578	3,732,641	31,485	2,169,545	24,825	94,217	355,839
17										
18										
19										
20										
21										
22	OTHER RATE BASE ITEMS									
23	Customer Deposits	Customer_Deposits	0	0	0	0	0	0	0	0
24	RWIP-Production	Net_Prod_Plant	0	0	0	0	0	0	0	0
25	RWIP-Transmission	Net_Trans_Plant	0	0	0	0	0	0	0	0
26	RWIP-Distribution	Net_Dist_Plant	0	0	0	0	0	0	0	0
27	RWIP-PV 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
28	ARO Liability - Production	Net_Prod_Plant	(167,144)	(97,170)	(413,547)	(3,496)	(240,894)	0	(8,952)	(29,000)
29	ARO Liability - Transmission	Net_Trans_Plant	0	0	0	0	0	0	0	0
30	ARO Liability - Distribution	Net_Dist_Plant	(32,411)	(7)	(6,959)	(7)	(3,877)	(7)	(2,556)	(25,576)
31	ARO Liability - PV 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
32	Injuries and Damages PNM	Total_Labor	(70,325)	(22,509)	(101,348)	(870)	(59,002)	(4,914)	(22,697)	(78,831)
33	NQRP - Expense in Excess of Funding	Total_Labor	(59,685)	(19,104)	(86,015)	(738)	(50,075)	(4,171)	(19,263)	(66,905)
34	PV 1&2 Dry Cask Storage	Net_Prod_Plant	0	0	0	0	0	0	0	0
35	PV 3 Dry Cask Storage	Net_Prod_Plant	0	0	0	0	0	0	0	0
36	PV 1&2 Excess Gain Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
37	High Lonesome Mesa -	Trans_3S1W	0	0	0	0	0	0	0	0
38	CWIP - Production	Net_Prod_Plant	0	0	0	0	0	0	0	0
39	CWIP - Transmission	Net_Trans_Plant	0	0	0	0	0	0	0	0
40	CWIP - Distribution	Net_Dist_Plant	0	0	0	0	0	0	0	0
41	CWIP - PV 3	Net_Prod_Plant	0	0	0	0	0	0	0	0
42	CWIP - Renewables	Net_Prod_Plant	0	0	0	0	0	0	0	0
43	CWIP - Production Related	Net_Prod_Plant	0	0	0	0	0	0	0	0
44	Pueblos Transmission Rights-of-Way	Trans_3S1W	366,713	213,101	908,980	7,667	529,244	457,663	19,927	64,552
45	Pueblos Distribution Rights-of-Way	NCP_Subs	229,049	0	183,332	0	101,470	0	12,583	40,762
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PNM EXHIBIT SAV-4
Page 148 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

RATE BASE CONTINUED

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 OTHER RATE BASE ITEMS - CONTINUED								
2 Prepaid Pension Asset	Total_Labor	142,393,036	82,906,564	18,789,737	18,169,052	2,520,305	10,844,837	532,633
3 Unamortized Loss on Reacquired Debt	Net_Plant	8,395,494	4,301,969	1,148,759	1,372,345	188,705	810,681	38,195
4 2016 Rate Case Expense	NFREV	2,225,000	1,068,704	315,102	395,751	73,261	214,688	12,713
5 Westmoreland Coal Agreement Transaction Costs	Energy4	2,442,201	944,853	273,426	491,523	62,785	340,294	23,390
6 TOTAL OTHER RATE BASE ITEMS		155,511,769	85,784,881	20,745,839	20,336,448	2,831,829	13,990,186	729,046
7								
8								
9								
10								
11 WORKING CAPITAL								
12								
13 Fuel Stock	Energy4	22,338,413	8,642,419	2,500,982	4,495,880	574,285	3,112,612	213,947
14 Production Fuel Stock	Energy4	62,991,657	24,370,591	7,052,471	12,677,843	1,619,415	8,777,195	603,305
15 PV 1&2 Nuclear Fuel (120.1 - .5)	Energy4	21,222,225	8,210,582	2,376,015	4,271,233	545,589	2,957,084	203,257
16 PV 3 Nuclear Fuel (120.1 - .5)								
17 Total Fuel Stock		106,552,294	41,223,592	11,929,468	21,444,956	2,739,289	14,846,890	1,020,508
18								
19 Materials & Supplies								
20 Production	Net_Prod_Plant	28,134,503	13,790,087	3,804,383	4,811,392	585,725	3,141,669	172,308
21 Transmission	Net_Trans_Plant	480,042	232,193	63,971	81,022	9,860	52,885	2,907
22 Distribution	Net_Dist_Plant	5,933,957	3,184,679	851,559	949,717	163,758	428,253	9,140
23 Palo Verde Unit 3	Net_Prod_Plant	5,907,634	2,895,619	798,838	1,010,288	122,989	659,682	36,181
24 Total Materials & Supplies		40,456,137	20,102,578	5,518,751	6,852,418	882,332	4,282,490	220,536
25								
26 Prepayments								
27 Production	Net_Prod_Plant	32,340,656	15,851,727	4,373,144	5,530,702	673,291	3,611,354	188,068
28 Transmission	Net_Trans_Plant	3,681,965	1,780,938	490,662	621,444	75,626	405,630	22,299
29 Distribution	Net_Dist_Plant	2,816,804	1,511,743	404,229	450,823	77,735	203,288	4,339
30 Renewables	Net_Prod_Plant	0	0	0	0	0	0	0
31 Palo Verde Unit 3	Net_Prod_Plant	1,248,657	612,027	168,845	213,538	25,995	139,433	7,647
32 Total Prepayments		40,088,081	19,756,435	5,436,880	6,816,508	852,648	4,359,705	232,354
33								
34 Cash Working Capital	OMXFPP	3,910,863	2,075,025	512,322	592,706	78,797	366,974	19,226
35								
36 TOTAL WORKING CAPITAL		191,007,376	83,157,630	23,397,420	35,706,588	4,553,066	23,856,059	1,492,625
37								
38 TOTAL RATE BASE ADJUSTMENTS & WORKING CAPITAL		(338,821,653)	(181,072,738)	(50,079,461)	(56,460,522)	(7,995,237)	(28,857,689)	(925,438)
39								
40 TOTAL NET ORIGINAL COST RATE BASE		2,381,200,287	1,212,704,725	322,102,405	388,160,071	53,142,425	233,791,548	11,449,194
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
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PNM EXHIBIT SAV-4
Page 150 of 268

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
OPERATING REVENUES									
1 OPERATING REVENUES									
2									
3 Sales Revenues									
4 Non-Fuel Revenue		691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210	1,798,513
5 Fuel Revenue	FUELREV	140,986,737	54,971,279	15,907,835	28,596,650	3,652,817	19,332,032	1,303,149	406,921
6 Total Sales Revenues		832,496,940	387,115,114	113,838,859	151,592,521	26,421,732	86,055,197	5,254,359	2,205,434
7									
8 Other Operating Revenues									
9 Sale of SO2 Credits	Net_Prod_Plant	0	0	0	0	0	0	0	0
10 Rent For Electric Property Transmission	Trans_3S1W	(230,639)	(111,558)	(30,735)	(38,927)	(4,737)	(25,409)	(1,397)	(622)
11 Rent for Electric Property - Distribution	Net_Dist_Plant	(3,768,572)	(2,022,544)	(540,813)	(603,152)	(104,001)	(271,977)	(5,805)	(19,085)
12 Late Payment Charges	Trans_3S1W	(971,546)	(469,929)	(129,469)	(163,978)	(19,955)	(107,032)	(5,884)	(2,621)
13 Misc Service Charge Revenue	Trans_3S1W	(1,572,690)	(760,698)	(209,578)	(265,439)	(32,303)	(173,258)	(9,525)	(4,243)
14 Other Retail Revenue - Transmission	Trans_3S1W	(36,328)	(17,571)	(4,841)	(6,131)	(746)	(4,002)	(220)	(98)
15 Other Retail Revenue - Distribution	Net_Dist_Plant	(303,716)	(163,000)	(43,585)	(48,609)	(8,382)	(21,919)	(468)	(1,538)
16 Generation Ancillary Services Credit Sch 2-5	Net_Prod_Plant	(1,631,518)	(799,686)	(220,616)	(279,012)	(33,966)	(182,185)	(9,992)	(4,472)
17 Real Power Losses (Financial)	Trans_3S1W	(304,920)	(147,487)	(40,634)	(51,464)	(6,263)	(33,592)	(1,847)	(823)
18 Transmission redispatch contract revenues	Trans_3S1W	(191,836)	(92,790)	(25,564)	(32,378)	(3,940)	(21,134)	(1,162)	(518)
19 Ancillary Services-Sch 1 and Non-Firm	Trans_3S1W	(494,375)	(239,125)	(65,881)	(83,441)	(10,154)	(54,464)	(2,994)	(1,334)
20 Short Term Firm Transmission	Trans_3S1W	(331,696)	(160,439)	(44,202)	(55,984)	(6,813)	(36,542)	(2,009)	(895)
21 Ancillary Services-Sch 1 ST PTP and Other	Trans_3S1W	(140,191)	(67,809)	(18,682)	(23,662)	(2,879)	(15,444)	(849)	(378)
22 Economy Service Customer Revenue Credits	Energy3	(4,627,355)	(1,829,852)	(529,262)	(949,325)	(121,490)	(639,872)	(40,817)	(13,545)
23 Co 7 Revenue	Net_Plant	(107,206)	(54,934)	(14,669)	(17,524)	(2,410)	(10,352)	(488)	(367)
24 Total Other Operating Revenues		(14,712,587)	(6,937,424)	(1,918,532)	(2,619,027)	(358,039)	(1,597,183)	(83,456)	(50,539)
25									
26 TOTAL OPERATING REVENUES		817,784,352	380,177,689	111,920,327	148,973,493	26,063,693	84,458,014	5,170,903	2,154,895
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

OPERATING REVENUES

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
1 OPERATING REVENUES								
2								
3 Sales Revenues								
4 Non-Fuel Revenue	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780	6,905,774
5 Fuel Revenue	3,150,406	1,208,257	6,748,260	55,714	3,819,895	699,831	267,416	866,275
6 Total Sales Revenues	11,513,446	5,002,293	20,930,194	229,356	9,655,549	1,974,643	2,936,196	7,772,048
7								
8 Other Operating Revenues								
9 Sale of SO2 Credits	Net_Prod_Plant	0	0	0	0	0	0	0
10 Rent For Electric Property Transmission	Trans_3S1W	(2,464)	(1,432)	(6,107)	(52)	(3,556)	(3,075)	(434)
11 Rent for Electric Property - Distribution	Net_Dist_Plant	(91,329)	(21)	(19,608)	(21)	(10,925)	(21)	(72,068)
12 Late Payment Charges	Trans_3S1W	(10,379)	(6,031)	(25,727)	(217)	(14,979)	(12,953)	(564)
13 Misc Service Charge Revenue	Trans_3S1W	(16,801)	(9,763)	(41,645)	(351)	(24,247)	(20,968)	(913)
14 Other Retail Revenue - Transmission	Trans_3S1W	(388)	(226)	(962)	(8)	(560)	(484)	(21)
15 Other Retail Revenue - Distribution	Net_Dist_Plant	(7,360)	(2)	(1,580)	(2)	(880)	(2)	(580)
16 Generation Ancillary Services Credit Sch 2-5	Net_Prod_Plant	(17,683)	(10,280)	(43,753)	(370)	(25,486)	0	(947)
17 Real Power Losses (Financial)	Trans_3S1W	(3,257)	(1,893)	(8,074)	(68)	(4,701)	(4,065)	(177)
18 Transmission redispatch contract revenues	Trans_3S1W	(2,049)	(1,191)	(5,080)	(43)	(2,958)	(2,558)	(111)
19 Ancillary Services-Sch 1 and Non-Firm	Trans_3S1W	(5,281)	(3,069)	(13,091)	(110)	(7,622)	(6,591)	(287)
20 Short Term Firm Transmission	Trans_3S1W	(3,543)	(2,059)	(8,783)	(74)	(5,114)	(4,422)	(193)
21 Ancillary Services-Sch 1 ST PTP and Other	Trans_3S1W	(1,498)	(870)	(3,712)	(31)	(2,161)	(1,869)	(81)
22 Economy Service Customer Revenue Credits	Energy3	(97,428)	(36,821)	(210,264)	(1,939)	(119,021)	0	(8,897)
23 Co 7 Revenue	Net_Plant	(1,588)	(449)	(2,087)	(16)	(1,211)	(180)	(120)
24 Total Other Operating Revenues		(261,050)	(74,106)	(390,473)	(3,303)	(223,422)	(57,188)	(20,227)
25								
26 TOTAL OPERATING REVENUES		11,252,396	4,928,187	20,539,721	226,053	9,432,126	1,917,454	2,915,969
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
		ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
OPERATION & MAINTENANCE EXPENSE										
1	OPERATION AND MAINTENANCE EXPENSE									
2	PRODUCTION OPERATION & MAINTENANCE EXPENSE									
3										
4	Production - FPPCAC Fuel Related									
5	Steam Generation	Energy4	112,917,097	43,686,045	12,642,064	22,725,951	2,902,918	15,733,756	1,081,467	323,383
6	Steam Fuel Handling and Disposal	Energy4	9,905,506	3,832,302	1,109,009	1,993,605	254,655	1,380,223	94,870	28,368
7	Nuclear	Energy4	25,020,716	9,680,165	2,801,290	5,035,726	643,243	3,486,362	239,637	71,657
8	Nuclear Disposal	Energy4	1,071,737	414,640	119,990	215,700	27,553	149,335	10,265	3,069
9	Gas Generation	Energy4	47,152,773	18,242,748	5,279,168	9,490,074	1,212,222	6,570,220	451,607	135,041
10	Renewables - Owned	Energy4	0	0	0	0	0	0	0	0
11	Wind (NMWEC)	Energy4	0	0	0	0	0	0	0	0
12	Renewables - PPA	Energy4	0	0	0	0	0	0	0	0
13	Purchased Power Energy	Energy4	7,042,966	2,724,825	788,522	1,417,483	181,063	981,360	67,454	20,170
14	Spinning reserves	Energy4	730,000	282,427	81,730	146,921	18,767	101,717	6,992	2,091
15	Tri State Hazard Sharing	Energy4	20,077,990	7,767,893	2,247,908	4,040,942	516,173	2,797,647	192,298	57,501
16	Total Fuel Costs (before OSS)		223,918,786	86,631,045	25,069,680	45,066,402	5,756,594	31,200,620	2,144,590	641,280
17										
18	Off-system Sales	Energy4	(55,093,534)	(21,314,917)	(6,168,206)	(11,088,249)	(1,416,367)	(7,676,678)	(527,660)	(157,782)
19	Off-system Sales - PV 3	Energy4	0	0	0	0	0	0	0	0
20	Off-system Sales - 65 MW	Energy4	0	0	0	0	0	0	0	0
21	Tri State Hazard Sharing	Energy4	(20,077,990)	(7,767,893)	(2,247,908)	(4,040,942)	(516,173)	(2,797,647)	(192,298)	(57,501)
22	Off-system Sales Credit	Energy4	0	0	0	0	0	0	0	0
23	Refined Coal Credit	Energy4	(3,742,835)	(1,448,050)	(419,043)	(753,291)	(96,222)	(521,523)	(35,847)	(10,719)
24	DOE Spent Fuel Credit	Energy4	(4,017,689)	(1,554,388)	(449,816)	(808,609)	(103,288)	(559,821)	(38,480)	(11,506)
25	Load Side from Transmission Customers	Energy4	0	0	0	0	0	0	0	0
26	Physical Sales of Gas (under FAC hedge plan)	Energy4	0	0	0	0	0	0	0	0
27	Total Other Fuel		(82,932,048)	(32,085,249)	(9,284,973)	(16,691,092)	(2,132,050)	(11,555,669)	(794,284)	(237,509)
28										
29	Total Fuel (net OSS)		140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
30										
31	Production - Non Fuel Items									
32	Coal Fuel Handling	Energy4	0	0	0	0	0	0	0	0
33	Nuclear Fuel Handling	Energy4	0	0	0	0	0	0	0	0
34	Gas Plants Fuel Transportation	Energy4	12,195,123	4,718,123	1,365,351	2,454,418	313,517	1,699,256	116,799	34,926
35	Gas PPA - Valencia - Demand	Energy4	19,905,970	7,701,341	2,228,649	4,006,321	511,751	2,773,678	190,650	57,009
36	Purchase Power for Economy Service Customer	Energy4	0	0	0	0	0	0	0	0
37	Purchased power for Rate 36B	Energy4	0	0	0	0	0	0	0	0
38	Deferred Energy	Energy4	0	0	0	0	0	0	0	0
39	REC Purchases and Renewable Energy Amortization	Energy4	0	0	0	0	0	0	0	0
40	Gas Swaps - Non Fuel Clause Settlements and Excess Gas Physical Purchases	Energy4	0	0	0	0	0	0	0	0
41	Coal Mine Decommissioning - Allowed	Energy4	7,657,459	2,962,564	857,320	1,541,158	196,861	1,066,983	73,340	21,930
42	Coal Mine Decommissioning - Disallowed	Energy4	0	0	0	0	0	0	0	0
43	Coal Mine Decommissioning - FERC	DFERC	0	0	0	0	0	0	0	0
44	Hedge - FERC	DFERC	0	0	0	0	0	0	0	0
45	Spinning reserves	Energy4	0	0	0	0	0	0	0	0
46	Broker Fees	Energy4	180,000	69,639	20,153	36,227	4,628	25,081	1,724	516
47	Total Non Fuel Items		39,938,553	15,451,667	4,471,473	8,038,124	1,026,756	5,564,998	382,513	114,380
48										
49	Total Fuel Related Expense		180,925,290	69,997,463	20,256,180	36,413,433	4,651,300	25,209,949	1,732,818	518,152
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
nergy4	2,564,020	1,004,138	5,570,999	46,302	3,153,499	581,604	212,517	688,434
nergy4	224,925	88,087	488,709	4,062	276,637	51,020	18,643	60,392
nergy4	568,148	222,502	1,234,449	10,260	698,768	128,875	47,091	152,547
nergy4	24,336	9,531	52,876	439	29,931	5,520	2,017	6,534
nergy4	1,070,703	419,316	2,326,380	19,335	1,316,862	242,871	88,744	287,482
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	159,925	62,631	347,479	2,888	196,693	36,276	13,255	42,940
nergy4	16,576	6,492	36,016	299	20,387	3,760	1,374	4,451
nergy4	455,913	178,548	990,589	8,233	560,729	103,416	37,788	122,412
	5,084,546	1,991,243	11,047,498	91,819	6,253,506	1,153,343	421,429	1,365,191
nergy4	(1,251,014)	(489,930)	(2,718,154)	(22,591)	(1,538,628)	(283,771)	(103,689)	(335,895)
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	(455,913)	(178,548)	(990,589)	(8,233)	(560,729)	(103,416)	(37,788)	(122,412)
nergy4	0	0	0	0	0	0	0	0
nergy4	(84,989)	(33,284)	(184,661)	(1,535)	(104,528)	(19,278)	(7,044)	(22,819)
nergy4	(91,230)	(35,728)	(198,221)	(1,647)	(112,204)	(20,694)	(7,562)	(24,495)
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
	(1,883,146)	(737,490)	(4,091,625)	(34,007)	(2,316,090)	(427,160)	(156,083)	(505,621)
	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	276,916	108,448	601,672	5,001	340,580	62,814	22,952	74,351
nergy4	452,007	177,018	982,102	8,163	555,925	102,530	37,464	121,363
nergy4	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
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nergy4	0	0	0	0	0	0	0	0
nergy4	173,879	68,096	377,797	3,140	213,854	39,441	14,412	46,686
nergy4	0	0	0	0	0	0	0	0
FERC	0	0	0	0	0	0	0	0
FERC	0	0	0	0	0	0	0	0
nergy4	0	0	0	0	0	0	0	0
nergy4	4,087	1,601	8,881	74	5,027	927	339	1,097
	906,889	355,162	1,970,451	16,377	1,115,386	205,712	75,167	243,498
	4,108,289	1,608,915	8,926,325	74,189	5,052,802	931,895	340,513	1,103,068

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
		Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
		1	2	3	4	5	(Mines, Multi Volt)	7
ALLOCATION	Total PNM Consolidated							
OPERATION & MAINTENANCE EXPENSE CONTINUED								
1 PRODUCTION OPERATION & MAINTENANCE EXP CONTINUED								
2 Non-fuel Production Expense								
3 Steam Production								
4 500.0 -Oper-Sup & Eng-Prod	Net_Prod_Plant	5,244,530	2,570,599	709,172	896,888	109,184	585,636	14,376
5 502.0 -Oper-Steam Expense-Major	Net_Prod_Plant	10,501,717	5,147,402	1,420,055	1,795,940	218,632	1,172,686	28,787
6 503.0 -Oper - Steam from Other Sources	Net_Prod_Plant	0	0	0	0	0	0	0
7 505.0 -Oper-Electric Exp-Major	Net_Prod_Plant	5,017,163	2,459,155	678,427	858,005	104,451	560,247	13,753
8 506.0 -Oper-Misc Steam Power Exp	Net_Prod_Plant	3,294,855	1,614,969	445,534	563,466	68,595	367,924	9,032
9 507.0 -Oper-Rents-Steam Power	Net_Prod_Plant	162,533	79,665	21,978	27,795	3,384	18,149	446
10 510.0 -Maint-Sup & Eng-Steam	AVGDEMAND	4,097,873	1,632,143	472,077	846,753	108,363	557,298	12,082
11 511.0 -Maint-Structures-Steam	Net_Prod_Plant	5,962,123	2,922,326	806,206	1,019,606	124,124	665,767	16,343
12 512.0 -Maint-Boiler Plant	AVGDEMAND	20,071,661	7,994,346	2,312,265	4,147,455	530,770	2,729,681	59,178
13 513.0 -Maint-Electric Plant	AVGDEMAND	5,767,918	2,297,305	664,467	1,191,839	152,525	784,418	17,006
14 514.0 -Maint-Gen & Elec Plant	Net_Prod_Plant	4,561,217	2,235,674	616,773	780,032	94,959	509,333	12,503
15 SJ Unit 4 65MW - Steam Production	Net_Prod_Plant	0	0	0	0	0	0	0
16 Total Steam Production		64,681,590	28,953,584	8,146,954	12,127,778	1,514,987	7,951,139	183,506
17								
18 Nuclear Production								
19 517.0 -Oper-Sup & Eng-Nuclear	Net_Prod_Plant	9,636,519	4,723,326	1,303,062	1,647,979	200,620	1,076,072	26,416
20 519.0 -Oper-Coolants and Water	Net_Prod_Plant	4,668,802	2,288,407	631,321	798,430	97,199	521,347	12,798
21 520.0 -Oper-Steam Expenses-Nuclear	Net_Prod_Plant	3,904,655	1,913,861	527,992	667,750	81,290	436,017	10,703
22 523.0 -Oper-Electric Exp	Net_Prod_Plant	2,959,032	1,450,366	400,124	506,036	61,603	330,424	8,111
23 524.0 -Oper-Misc Nuclear Power, excl PV 1&2 Decom and CE Credit	Net_Prod_Plant	15,657,003	7,674,258	2,117,160	2,677,566	325,959	1,748,356	42,919
24 524.0 -Oper-Misc Nuclear Power - PV 1&2 Decom and CE Credit	Net_Prod_Plant	(6,295,317)	(3,085,641)	(851,261)	(1,076,587)	(131,061)	(702,973)	(17,257)
25 525.0 -Oper-Rents-Nuclear, excl PV 1&2 CE Cr and Excess Gain Amort	Net_Prod_Plant	19,566,091	9,590,292	2,645,751	3,346,074	407,341	2,184,869	53,635
26 525.0 -Oper-Rents-Nuclear - PV 1&2 CE Credit	Net_Prod_Plant	0	0	0	0	0	0	0
27 525.0 -Oper-Rents-Nuclear - PV 1&2 Excess Gain Amortization	Net_Prod_Plant	0	0	0	0	0	0	0
28 528.0 -Maint-Sup & Eng-Nuclear	Net_Prod_Plant	2,003,878	982,198	270,967	342,691	41,718	223,765	5,493
29 529.0 -Maint-Structures-Major	Net_Prod_Plant	789,263	386,856	106,725	134,975	16,431	88,134	2,164
30 530.0 -Maint-Reactor Plant	AVGDEMAND	5,187,454	2,066,112	597,597	1,071,896	137,176	705,477	15,294
31 531.0 -Maint-Elec Plant	AVGDEMAND	5,334,491	2,124,676	614,536	1,102,279	141,064	725,474	15,728
32 532.0 -Maint-Misc Nuclear Plant	Net_Prod_Plant	1,133,899	555,779	153,327	193,913	23,606	126,618	3,108
33 517,519-532.0 -Palo Verde 3 - Nuclear Production, FERC 517,519-532	Net_Prod_Plant	0	0	0	0	0	0	0
34 Total Nuclear Production		64,545,770	30,670,489	8,517,303	11,413,001	1,402,947	7,463,579	179,112
35								
36 Other Production								
37 546.0 -Oper-Sup & Eng-Other	Net_Prod_Plant	4,144,974	2,031,653	560,489	708,848	86,293	462,853	11,362
38 549.0 -Oper-Oth Pwr Gen Exp-Other	Net_Prod_Plant	346,811	169,989	46,896	59,310	7,220	38,727	951
39 549.0 -Oper-Oth Pwr Gen Exp-Other - Renewables	Net_Prod_Plant	0	0	0	0	0	0	0
40 552.0 -Maint - Structures	Net_Prod_Plant	931,245	456,448	125,924	159,256	19,387	103,988	2,553
41 553.0 -Maint-Gen & Elec Plant	Net_Prod_Plant	8,325,309	4,080,639	1,125,759	1,423,744	173,322	929,655	22,821
42 553.0 -Maint-Gen & Elec Plant - Renewables	Net_Prod_Plant	0	0	0	0	0	0	0
43 556.0 -Maint-Gen & Elec Plant	Net_Prod_Plant	4,129,076	2,023,861	558,339	706,129	85,962	461,078	11,319
44 Total Other Production		17,877,415	8,762,590	2,417,407	3,057,287	372,185	1,996,301	49,006
45								
46 TOTAL NON-FUEL PRODUCTION EXPENSE		147,104,774	68,386,663	19,081,663	26,598,065	3,290,119	17,411,018	411,624
47								
48 TOTAL PRODUCTION O&M EXPENSE		328,030,065	138,384,126	39,337,843	63,011,499	7,941,419	42,620,968	929,775
49								
50								

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
OPERATION & MAINTENANCE EXPENSE CONTINUED								
1 PRODUCTION OPERATION & MAINTENANCE EXP CONTINUED								
2 Non-fuel Production Expense								
3 Steam Production								
4 500.0 -Oper-Sup & Eng-Prod	Net_Prod_Plant	56,844	33,047	140,643	1,189	81,926	0	9,863
5 502.0 -Oper-Steam Expense-Major	Net_Prod_Plant	113,825	66,173	281,626	2,380	164,049	0	19,749
6 503.0 -Oper - Steam from Other Sources	Net_Prod_Plant	0	0	0	0	0	0	0
7 505.0 -Oper-Electric Exp-Major	Net_Prod_Plant	54,379	31,614	134,546	1,137	78,374	0	9,435
8 506.0 -Oper-Misc Steam Power Exp	Net_Prod_Plant	35,712	20,761	88,358	747	51,469	0	6,196
9 507.0 -Oper-Rents-Steam Power	Net_Prod_Plant	1,762	1,024	4,359	37	2,539	0	306
10 510.0 -Maint-Sup & Eng-Steam	AVGDEMAND	84,855	31,405	180,539	1,654	102,196	0	25,708
11 511.0 -Maint-Structures-Steam	Net_Prod_Plant	64,621	37,568	159,887	1,351	93,135	0	11,212
12 512.0 -Maint-Boiler Plant	AVGDEMAND	415,625	153,826	884,295	8,102	500,561	0	125,922
13 513.0 -Maint-Electric Plant	AVGDEMAND	119,437	44,204	254,116	2,328	143,844	0	36,186
14 514.0 -Maint-Gen & Elec Plant	Net_Prod_Plant	49,438	28,741	122,319	1,034	71,251	0	8,578
15 SJ Unit 4 65MW - Steam Production	Net_Prod_Plant	0	0	0	0	0	0	0
16 Total Steam Production		996,497	448,364	2,250,687	19,961	1,289,344	0	253,154
17								
18 Nuclear Production								
19 517.0 -Oper-Sup & Eng-Nuclear	Net_Prod_Plant	104,447	60,721	258,423	2,184	150,533	0	18,122
20 519.0 -Oper-Coolants and Water	Net_Prod_Plant	50,604	29,419	125,204	1,058	72,932	0	8,780
21 520.0 -Oper-Steam Expenses-Nuclear	Net_Prod_Plant	42,321	24,604	104,711	885	60,995	0	7,343
22 523.0 -Oper-Electric Exp	Net_Prod_Plant	32,072	18,645	79,353	671	46,223	0	5,565
23 524.0 -Oper-Misc Nuclear Power, excl PV 1&2 Decom and CE Credit	Net_Prod_Plant	169,701	98,657	419,875	3,549	244,580	0	29,444
24 524.0 -Oper-Misc Nuclear Power - PV 1&2 Decom and CE Credit	Net_Prod_Plant	(68,233)	(39,668)	(168,822)	(1,427)	(98,340)	0	(11,839)
25 525.0 -Oper-Rents-Nuclear, excl PV 1&2 CE Cr and Excess Gain Amort	Net_Prod_Plant	212,070	123,289	524,706	4,435	305,645	0	36,795
26 525.0 -Oper-Rents-Nuclear - PV 1&2 CE Credit	Net_Prod_Plant	0	0	0	0	0	0	0
27 525.0 -Oper-Rents-Nuclear - PV 1&2 Excess Gain Amortization	Net_Prod_Plant	0	0	0	0	0	0	0
28 528.0 -Maint-Sup & Eng-Nuclear	Net_Prod_Plant	21,719	12,627	53,738	454	31,303	0	3,768
29 529.0 -Maint-Structures-Major	Net_Prod_Plant	8,555	4,973	21,166	179	12,329	0	1,484
30 530.0 -Maint-Reactor Plant	AVGDEMAND	107,417	39,756	228,543	2,094	129,368	0	32,544
31 531.0 -Maint-Elec Plant	AVGDEMAND	110,462	40,883	235,021	2,153	133,035	0	33,467
32 532.0 -Maint-Misc Nuclear Plant	Net_Prod_Plant	12,290	7,145	30,408	257	17,713	0	2,132
33 517,519-532.0 -Palo Verde 3 - Nuclear Production, FERC 517,519-532	Net_Prod_Plant	0	0	0	0	0	0	0
34 Total Nuclear Production		803,425	421,051	1,912,326	16,493	1,106,317	0	167,605
35								
36 Other Production								
37 546.0 -Oper-Sup & Eng-Other	Net_Prod_Plant	44,926	26,118	111,156	940	64,749	0	7,795
38 549.0 -Oper-Oth Pwr Gen Exp-Other	Net_Prod_Plant	3,759	2,185	9,300	79	5,418	0	652
39 549.0 -Oper-Oth Pwr Gen Exp-Other - Renewables	Net_Prod_Plant	0	0	0	0	0	0	0
40 552.0 -Maint - Structures	Net_Prod_Plant	10,093	5,868	24,973	211	14,547	0	1,751
41 553.0 -Maint-Gen & Elec Plant	Net_Prod_Plant	90,235	52,459	223,261	1,887	130,051	0	15,656
42 553.0 -Maint-Gen & Elec Plant - Renewables	Net_Prod_Plant	0	0	0	0	0	0	0
43 556.0 -Maint-Gen & Elec Plant	Net_Prod_Plant	44,754	26,018	110,730	936	64,501	0	7,765
44 Total Other Production		193,767	112,648	479,420	4,052	279,266	0	33,619
45								
46 TOTAL NON-FUEL PRODUCTION EXPENSE		1,993,689	982,063	4,642,434	40,506	2,674,927	0	454,378
47								
48 TOTAL PRODUCTION O&M EXPENSE		6,101,978	2,590,977	13,568,758	114,695	7,727,729	931,895	1,557,446
49								
50								

PNM EXHIBIT SAV-4
Page 156 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

OPERATION & MAINTENANCE EXPENSE CONTINUED

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines		
		ALLOCATION	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7	
			Total PNM Consolidated							
OPERATION & MAINTENANCE EXPENSE CONTINUED										
1	TRANSMISSION O&M EXPENSE									
2										
3	Transmission O&M (560-574, excluding 565):									
4	560.0 -Oper-Sup & Eng-ETrans	Net_Trans_Plant	908,516	439,442	121,070	153,340	18,661	100,088	5,502	2,451
5	561.0 -Oper-Load Dispatch-ETrans	Net_Trans_Plant	476,840	230,644	63,544	80,481	9,794	52,532	2,888	1,286
6	562.0 -Oper-Station Exp-ETrans	Net_Trans_Plant	270,183	130,685	36,005	45,602	5,549	29,765	1,636	729
7	563.0 -Oper-Overhead Lines-ETrans	Net_Trans_Plant	53,778	26,012	7,167	9,077	1,105	5,925	326	145
8	566.0 -Oper-Misc Transmission-E	Net_Trans_Plant	1,658,705	802,303	221,041	279,957	34,069	182,734	10,046	4,475
9	567.0 -Oper-Rents-Transmission-E	Net_Trans_Plant	5,847,921	2,828,594	779,300	987,016	120,115	644,247	35,417	15,776
10	568.0 -Maint Sup & Eng-ETrans	Net_Trans_Plant	2,728	1,319	364	460	56	301	17	7
11	569.0 -Maint-Structures-ETrans	Net_Trans_Plant	108	52	14	18	2	12	1	0
12	570.0 -Maint-Sta Equip-ETrans	Net_Trans_Plant	1,645,219	795,780	219,244	277,681	33,792	181,249	9,964	4,438
13	571.0 -Maint-Overhead Lns-ETrans	Net_Trans_Plant	152,345	73,688	20,302	25,713	3,129	16,783	923	411
14	573.0 -Maint-Misc Trans Plt-Maj-E	Net_Trans_Plant	94	46	13	16	2	10	1	0
15	574.0 -Maint-Trans Plant-NonMaj-E	Net_Trans_Plant	4,996	2,416	666	843	103	550	30	13
16	560-564,566-574.0 -HLM - Transmission O&M	Net_Trans_Plant	0	0	0	0	0	0	0	0
17	Total Transmission O&M, excluding FERC 565		11,021,433	5,330,981	1,468,727	1,860,204	226,377	1,214,196	66,750	29,733
18										
19	Transmission O&M by Others (565):									
20	565.0 -Owned Generation Wheeling	Net_Trans_Plant	10,064,647	4,868,192	1,341,225	1,698,717	206,725	1,108,790	60,956	27,152
21	565.0 -PV 3 Wheeling	Net_Trans_Plant	6,373,238	3,082,686	849,304	1,075,679	130,904	702,119	38,599	17,193
22	565.0 -Retail Wheeling	Net_Trans_Plant	1,497,200	724,184	199,518	252,698	30,752	164,942	9,068	4,039
23	565.0 -FERC Wholesale Customer Wheeling	DFERC	0	0	0	0	0	0	0	0
24	565.0 -WAPA Exchange	Net_Trans_Plant	3,185,557	1,540,829	424,511	537,660	65,430	350,943	19,293	8,594
25	565.0 -Transmission by Others	Net_Trans_Plant	3,781,319	1,828,994	503,902	638,213	77,667	416,576	22,901	10,201
26	Total Transmission by Others, FERC 565		24,901,961	12,044,885	3,318,461	4,202,968	511,479	2,743,370	150,816	67,178
27										
28	TOTAL TRANSMISSION O&M EXPENSE		35,923,394	17,375,866	4,787,188	6,063,172	737,856	3,957,567	217,566	96,911
29										
30	DISTRIBUTION O&M EXPENSE (580-598)									
31										
32	PNM Street & Private Lighting									
33	585.0 -Oper-Street Light/Signal-E	St_Lights	84,117	0	0	0	0	0	0	0
34	596.0 -Maint-Streetlight/Signal-E	St_Lights	978,291	0	0	0	0	0	0	0
35	Total Street and Private Lighting		1,062,407	0	0	0	0	0	0	0
36										
37	PNM Meters									
38	586.0 -Oper-Meter Expense-EDist	_PLT370	3,054,955	1,922,726	649,183	241,591	65,365	86,158	759	23,891
39	597.0 -Maint-Meters-EDist	_PLT370	229,901	144,695	48,854	18,181	4,919	6,484	57	1,798
40	Total Meters		3,284,856	2,067,421	698,038	259,772	70,284	92,641	816	25,688

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Streetlighting
	8	9	10	11	12	13	14	15
Net_Trans_Plant	9,706	5,640	24,058	203	14,007	12,113	527	1,708
Net_Trans_Plant	5,094	2,960	12,627	107	7,352	6,357	277	897
Net_Trans_Plant	2,886	1,677	7,154	60	4,166	3,602	157	508
Net_Trans_Plant	575	334	1,424	12	829	717	31	101
Net_Trans_Plant	17,720	10,297	43,923	370	25,573	22,115	963	3,119
Net_Trans_Plant	62,473	36,304	154,853	1,306	90,162	77,967	3,395	10,997
Net_Trans_Plant	29	17	72	1	42	36	2	5
Net_Trans_Plant	1	1	3	0	2	1	0	0
Net_Trans_Plant	17,576	10,213	43,566	367	25,366	21,935	955	3,094
Net_Trans_Plant	1,627	946	4,034	34	2,349	2,031	88	286
Net_Trans_Plant	1	1	2	0	1	1	0	0
Net_Trans_Plant	53	31	132	1	77	67	3	9
Net_Trans_Plant	0	0	0	0	0	0	0	0
	117,741	68,421	291,848	2,462	169,925	146,943	6,398	20,726
Net_Trans_Plant	107,520	62,481	266,513	2,248	155,174	134,186	5,842	18,927
Net_Trans_Plant	68,085	39,565	168,764	1,424	98,261	84,971	3,700	11,985
Net_Trans_Plant	15,994	9,295	39,646	334	23,083	19,961	869	2,816
DFERC	0	0	0	0	0	0	0	0
Net_Trans_Plant	34,031	19,776	84,354	712	49,114	42,471	1,849	5,990
Net_Trans_Plant	40,396	23,474	100,130	845	58,299	50,414	2,195	7,111
	266,026	154,590	659,406	5,562	383,931	332,004	14,455	46,828
	383,767	223,011	951,254	8,024	553,857	478,947	20,853	67,554
St_Lights	0	0	0	0	0	0	19,841	64,275
St_Lights	0	0	0	0	0	0	230,757	747,534
	0	0	0	0	0	0	250,598	811,810
PLT370	62,246	380	380	380	1,518	380	0	0
PLT370	4,684	29	29	29	114	29	0	0
	66,930	408	408	408	1,632	408	0	0

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

OPERATION & MAINTENANCE EXPENSE CONTINUED

DISTRIBUTION O&M EXPENSE (580-598) CONTINUED										
2										
3	All Other Distribution O&M									
4	580.0 -Oper-Sup & Eng-EDist	_EXP58189	2,115,894	1,202,378	381,135	265,706	53,798	106,323	902	13,878
5	582.0 -Oper-Station Exp-EDist	Net_Dist_Subs	152,685	70,771	20,776	24,763	4,215	16,605	1,286	746
6	583.0 -Oper-Overhead Lines-EDist	Net_Dist_Pri_Sec	1,886,382	983,122	288,608	343,999	58,550	138,516	0	10,360
7	584.0 -Oper-Undergrd Line-EDist	Net_Dist_Pri_Sec	498,832	259,975	76,319	90,967	15,483	36,629	0	2,740
8	588.0 -Oper-Misc Dist Exp-EDist	Net_Dist_Plant	5,405,376	2,900,997	775,705	865,119	149,171	390,106	8,326	27,375
9	589.0 -Oper-Rents-Distribution-E	Net_Dist_Plant	335,728	180,181	48,179	53,733	9,265	24,229	517	1,700
10	590.0 -Maint-Sup & Eng-EDist	_EXP59198	777,207	345,095	101,219	115,528	19,888	51,751	1,041	3,634
11	591.0 -Maint-Structures-EDist	Net_Dist_Plant	41,539	22,293	5,961	6,648	1,146	2,998	64	210
12	592.0 -Maint-Station Equip-EDist	Net_Dist_Subs	1,002,889	464,848	136,462	162,653	27,684	109,068	8,447	4,899
13	593.0 -Maint-Overhead Lns-EDist	Net_Dist_Pri_Sec	2,918,805	1,521,188	446,564	532,271	90,594	214,326	0	16,031
14	594.0 -Maint-Und Lines-EDist	Net_Dist_Pri_Sec	1,293,634	674,201	197,920	235,906	40,152	94,991	0	7,105
15	598.0 -Maint-Misc Dist Plant-E	Net_Dist_Plant	468,198	251,276	67,189	74,934	12,921	33,790	721	2,371
16	Total Other Distribution O&M		16,897,170	8,876,325	2,546,037	2,772,226	482,867	1,219,332	21,304	91,049
17										
18	TOTAL DISTRIBUTION O&M EXPENSE (580-598)		21,244,433	10,943,746	3,244,075	3,031,998	553,151	1,311,974	22,120	116,737
19										
20	CUSTOMER RELATED O&M EXPENSE									
21										
22	PNM Related Customer Accounts Exp									
23	901.0 -Supervision-Customer Accts	CUSTEXP	(169,104)	(133,479)	(17,377)	(7,677)	(1,108)	(4,771)	(324)	(183)
24	902.0 -Meter Reading Expenses	CUST902	4,845,471	4,312,215	486,771	31,178	8,534	2,092	18	3,079
25	903.0 -Customer Record and Coll	CUST903	7,653,775	6,811,458	768,890	49,248	13,480	3,304	29	4,864
26	904.0 -Uncollectible Expenses	_EXP904	3,477,919	3,120,223	83,907	152,965	19,576	101,249	0	0
27	905.0 -Misc Customer Accts Exp	CUSTEXP	(4)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
28	906.0 -Cust Service/Inf Expenses	CUSTEXP	289,679	228,654	29,767	13,151	1,898	8,173	556	313
29	908.0 -Customer Assistance Exps	CUSTEXP	626,752	494,717	64,404	28,455	4,106	17,683	1,202	678
30	909.0 -Inform/Instruc Advert Exps	CUSTEXP	354	279	36	16	2	10	1	0
31	912.0 -Demo & Selling Expenses - Excluding Production	CUSTEXP	40,530	31,992	4,165	1,840	265	1,143	78	44
32	912.0 -Demo & Selling Expenses - Production	CUSTEXP	4,333,931	3,420,924	445,350	196,760	28,390	122,274	8,315	4,686
33	TOTAL CUSTOMER RELATED O&M EXPENSE		21,099,304	18,286,979	1,865,913	465,935	75,142	251,156	9,875	13,481
34										
35	TOTAL OPERATION & MAINTENANCE EXPENSE EXCLUDING A&G		406,297,196	184,990,718	49,235,019	72,572,604	9,307,568	48,141,664	2,979,742	1,156,905
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
			10	11	12	13	14	15
EXP58189	46,961	134	2,287	134	1,728	134	9,168	31,228
et_Dist_Sub	5,461	0	4,371	0	2,419	0	300	972
et_Dist_Pri_Sec	45,557	0	0	0	0	0	4,168	13,501
et_Dist_Pri_Sec	12,047	0	0	0	0	0	1,102	3,570
et_Dist_Plant	130,996	30	28,125	30	15,670	30	10,329	103,369
et_Dist_Plant	8,136	2	1,747	2	973	2	642	6,420
EXP59198	17,335	4	3,519	4	1,960	4	27,241	88,985
et_Dist_Plant	1,007	0	216	0	120	0	79	794
et_Dist_Sub	35,872	0	28,712	0	15,891	0	1,971	6,384
et_Dist_Pri_Sec	70,491	0	0	0	0	0	6,449	20,891
et_Dist_Pri_Sec	31,242	0	0	0	0	0	2,858	9,259
et_Dist_Plant	11,346	3	2,436	3	1,357	3	895	8,953
	416,451	173	71,412	173	40,120	173	65,201	294,327
	483,382	581	71,820	581	41,752	581	315,799	1,106,136
USTEXP	(810)	(301)	(1,669)	(14)	(946)	(174)	(64)	(206)
UST902	1,511	9	9	9	37	9	0	0
UST903	2,387	15	15	15	58	15	0	0
EXP904	0	0	0	0	0	0	0	0
USTEXP	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
USTEXP	1,388	516	2,859	24	1,620	299	109	353
USTEXP	3,003	1,116	6,185	52	3,505	647	236	764
USTEXP	2	1	3	0	2	0	0	0
USTEXP	194	72	400	3	227	42	15	49
USTEXP	20,764	7,715	42,771	362	24,234	4,471	1,631	5,285
	28,438	9,141	50,574	452	28,736	5,308	1,928	6,246
	6,997,565	2,823,711	14,642,406	123,751	8,352,074	1,416,731	819,355	2,737,383

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
			Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10	
ALLOCATION			Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation	
			1	2	3	4	5	(Mines, Multi Volt)	7	
OPERATION & MAINTENANCE EXPENSE CONTINUED			Total PNM Consolidated							
1	ADMINISTRATIVE & GENERAL EXPENSE									
2	920.0 -Production - Admin and General Salaries	Prod_Labor	(1,352,740)	(663,044)	(182,919)	(231,337)	(28,162)	(151,055)	(8,285)	(3,708)
3	920.0 -Transmission - Admin and General Salaries	Trans_Labor	234,331	113,344	31,227	39,550	4,813	25,815	1,419	632
4	920.0 -Distribution - Admin and General Salaries	Dist_Labor	2,432,894	1,271,659	382,204	327,003	61,407	141,419	2,581	13,789
5	921.0 -Production - AG Office Supplies Exp	Prod_Labor	(320,700)	(157,190)	(43,365)	(54,844)	(6,677)	(35,811)	(1,964)	(879)
6	921.0 -Transmission - AG Office Supplies Exp	Trans_Labor	120,212	58,146	16,020	20,289	2,469	13,243	728	324
7	921.0 -Distribution - AG Office Supplies Exp	Dist_Labor	1,294,075	676,405	203,297	173,936	32,663	75,222	1,373	7,335
8	922.0 -A&G Charged to CWIP - Production	Prod_Labor	(1,283,684)	(629,196)	(173,581)	(219,528)	(26,725)	(143,344)	(7,862)	(3,519)
9	922.0 -A&G Charged to CWIP - Transmission	Trans_Labor	(1,219,898)	(590,055)	(162,565)	(205,895)	(25,056)	(134,392)	(7,388)	(3,291)
10	922.0 -A&G Charged to CWIP - Distribution	Dist_Labor	(3,847,679)	(2,011,158)	(604,465)	(517,164)	(97,117)	(223,657)	(4,082)	(21,808)
11	9229.0 -Production Related - Shared Services	Prod_Labor	24,347,771	11,934,026	3,292,336	4,163,808	506,890	2,718,820	149,116	66,742
12	9229.0 -Transmission Related - Shared Services	Trans_Labor	3,305,358	1,598,776	440,475	557,880	67,891	364,141	20,019	8,917
13	9229.0 -Distribution/Customer Related - Shared Services	DistCust_Labor_X20	35,947,485	25,639,971	4,730,399	2,769,548	514,287	1,223,587	31,358	115,990
14	923.0 -Production - Outside Services	Prod_Labor	31,144	15,265	4,211	5,326	648	3,478	191	85
15	923.0 -Transmission - Outside Services	Trans_Labor	68,713	33,236	9,157	11,597	1,411	7,570	416	185
16	923.0 -Distribution - Outside Services	Dist_Labor	1,520,603	794,810	238,885	204,383	38,381	88,389	1,613	8,618
17	924.0 -Production - Property Insurance	Net_Prod_Plant	1,642,401	805,021	222,088	280,874	34,193	183,401	10,059	4,502
18	924.0 -Transmission - Property Insurance	Net_Trans_Plant	173,825	84,078	23,164	29,338	3,570	19,150	1,053	469
19	924.0 -Distribution - Property Insurance	Net_Dist_Plant	231,271	124,120	33,189	37,014	6,382	16,691	356	1,171
20	925.0 -Production - Injuries or Damages-Safety	Prod_Labor	1,159,972	568,559	156,853	198,371	24,149	129,529	7,104	3,180
21	925.0 -Transmission - Injuries or Damages-Safety	Trans_Labor	100,362	48,544	13,374	16,939	2,061	11,057	608	271
22	925.0 -Distribution - Injuries or Damages-Safety	Dist_Labor	1,040,213	543,713	163,416	139,814	26,255	60,465	1,103	5,896
23	926.0 -Production - Empl Pension and Benefits	Prod_Labor	7,722,593	3,785,218	1,044,259	1,320,671	160,775	862,352	47,297	21,169
24	926.0 -Transmission - Empl Pension and Benefits	Trans_Labor	615,572	297,747	82,032	103,897	12,644	67,816	3,728	1,661
25	926.0 -Distribution - Empl Pension and Benefits	Dist_Labor	9,143,978	4,779,501	1,436,506	1,229,035	230,799	531,520	9,700	51,826
26	928.0 -Production - Regulatory Commission Exp	Prod_Labor	1,773,740	869,396	239,847	303,334	36,927	198,067	10,863	4,862
27	928.0 -Transmission - Regulatory Commission Exp	Trans_Labor	50,500	24,426	6,730	8,523	1,037	5,563	306	136
28	928.0 -Distribution - Regulatory Commission Exp	Dist_Labor	1,028,374	537,525	161,556	138,223	25,957	59,777	1,091	5,829
29	930.0 -Production - Misc AG Expenses	Prod_Labor	10,113,748	4,957,240	1,367,594	1,729,592	210,555	1,129,363	61,941	27,724
30	930.0 -Transmission - Misc AG Expenses	Trans_Labor	(15,716)	(7,602)	(2,094)	(2,653)	(323)	(1,731)	(95)	(42)
31	930.0 -Distribution - Misc AG Expenses	Dist_Labor	73,591	38,465	11,561	9,891	1,857	4,278	78	417
32	931.0 -Transmission - Rents-Cust	Trans_Labor	10,631	5,142	1,417	1,794	218	1,171	64	29
33	935.0 -Production - Maint of General Plant	Net_Gl_Plant	(36,205)	(23,324)	(4,470)	(3,708)	(521)	(2,210)	(113)	(87)
34	935.0 -Transmission - Maint of General Plant	Net_Gl_Plant	263,406	169,688	32,519	26,977	3,794	16,075	822	634
35	935.0 -Distribution - Maint of General Plant	Net_Gl_Plant	212,477	136,879	26,232	21,761	3,060	12,967	663	511
36	920-935.0 -Renewables - A&G (920-935)	Prod_Labor	0	0	0	0	0	0	0	0
37	920-935.0 -PV3 - A&G (920 - 935)	Prod_Labor	0	0	0	0	0	0	0	0
38	920-935.0 -SJ Unit 4 65MW A&G (920 - 935)	Prod_Labor	0	0	0	0	0	0	0	0
39	TOTAL ADMINISTRATIVE & GENERAL EXPENSE		96,582,616	55,829,331	13,197,088	12,634,242	1,830,514	7,278,724	335,861	319,570
40										
41	TOTAL OPERATION & MAINTENANCE EXPENSE		502,879,812	240,820,049	62,432,107	85,206,846	11,138,082	55,420,388	3,315,604	1,476,475
42										
43	TOTAL OPERATION & MAINTENANCE EXPENSE EXCL FUEL		361,893,074	186,274,253	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	Universities 115 kV	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
		9	10	11	12	13	14	15
od_Labor	(14,662)	(8,524)	(36,277)	(307)	(21,131)	0	(785)	(2,544)
ans_Labor	2,503	1,455	6,205	52	3,613	3,124	136	441
st_Labor	54,554	90	8,251	90	4,877	90	36,655	128,224
od_Labor	(3,476)	(2,021)	(8,600)	(73)	(5,010)	0	(186)	(603)
ans_Labor	1,284	746	3,183	27	1,853	1,603	70	226
st_Labor	29,018	48	4,389	48	2,594	48	19,497	68,203
od_Labor	(13,913)	(8,089)	(34,425)	(291)	(20,053)	0	(745)	(2,414)
ans_Labor	(13,032)	(7,573)	(32,303)	(272)	(18,808)	(16,264)	(708)	(2,294)
st_Labor	(86,279)	(142)	(13,048)	(142)	(7,713)	(142)	(57,971)	(202,789)
od_Labor	263,897	153,419	652,936	5,519	380,340	0	14,134	45,787
ans_Labor	35,311	20,520	87,526	738	50,961	44,069	1,919	6,216
stCust_Labor_X20	434,443	12,196	124,276	1,224	71,975	7,356	270,877	0
od_Labor	338	196	835	7	487	0	18	59
ans_Labor	734	427	1,820	15	1,059	916	40	129
st_Labor	34,097	56	5,157	56	3,048	56	22,910	80,142
et_Prod_Plant	17,801	10,349	44,044	372	25,656	0	953	3,089
et_Trans_Plant	1,857	1,079	4,603	39	2,680	2,318	101	327
et_Dist_Plant	5,605	1	1,203	1	670	1	442	4,423
od_Labor	12,573	7,309	31,107	263	18,120	0	673	2,181
ans_Labor	1,072	623	2,658	22	1,547	1,338	58	189
st_Labor	23,325	38	3,528	38	2,085	38	15,672	54,824
od_Labor	83,703	48,661	207,097	1,750	120,636	0	4,483	14,523
ans_Labor	6,576	3,821	16,300	137	9,491	8,207	357	1,158
st_Labor	205,041	338	31,009	338	18,329	338	137,769	481,926
od_Labor	19,225	11,177	47,567	402	27,708	0	1,030	3,336
ans_Labor	539	313	1,337	11	779	673	29	95
st_Labor	23,060	38	3,487	38	2,061	38	15,494	54,200
od_Labor	109,620	63,728	271,221	2,293	157,988	0	5,871	19,019
ans_Labor	(168)	(98)	(416)	(4)	(242)	(210)	(9)	(30)
st_Labor	1,650	3	250	3	148	3	1,109	3,879
ans_Labor	114	66	282	2	164	142	6	20
et_Gl_Plant	(342)	(107)	(505)	(4)	(293)	(62)	(103)	(357)
et_Gl_Plant	2,486	782	3,676	31	2,128	449	749	2,595
et_Gl_Plant	2,005	630	2,965	25	1,717	362	604	2,094
od_Labor	0	0	0	0	0	0	0	0
od_Labor	0	0	0	0	0	0	0	0
od_Labor	0	0	0	0	0	0	0	0
	1,240,560	311,557	1,441,338	12,452	839,466	54,492	491,150	766,272
	8,238,125	3,135,268	16,083,744	136,203	9,191,539	1,471,223	1,310,505	3,503,655
	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
	ALLOCATION	Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
		Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
		1	2	3	4	5	(Mines, Multi Volt)	7
		Total PNM Consolidated						
DEPRECIATION & AMORTIZATION EXPENSE								
1 PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE								
2 Steam Production Plant	Net_Prod_Plant	21,040,435	10,312,940	2,845,114	3,598,207	438,035	2,349,503	128,861
3 SJ Unit 4 65 MW	Net_Prod_Plant	0	0	0	0	0	0	0
4 Nuclear Production Net Plant - Palo Verde 1 & 2	Net_Prod_Plant	11,079,717	5,430,708	1,498,213	1,894,786	230,666	1,237,228	67,857
5 Nuclear Production Net Plant - Palo Verde 3	Net_Prod_Plant	5,176,958	2,537,479	700,035	885,332	107,778	578,091	31,706
6 PV 1&2 Acquisition Adjustment Amortization	Net_Prod_Plant	365,112	178,959	49,371	62,439	7,601	40,771	2,236
7 PV 2 Lease Acquisition Adjustment - First Chicago Amortization	Net_Prod_Plant	832,053	407,830	112,511	142,293	17,322	92,912	5,096
8 PV 2 64.1 MW Lease Acquisition Adjustment Amortization	Net_Prod_Plant	0	0	0	0	0	0	0
9 Other Production Plant - Gas & 40 MW Solar	Net_Prod_Plant	14,822,668	7,265,310	2,004,340	2,534,883	308,589	1,655,189	90,780
10 Other Production Plant - Renewable	Net_Prod_Plant	0	0	0	0	0	0	0
11 TOTAL PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE		53,316,943	26,133,225	7,209,584	9,117,940	1,109,991	5,953,694	326,536
12								
13 TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE								
14 Step-Up Transformers - Excluding PV3	Step_Up	471,828	228,220	62,876	79,635	9,691	51,980	2,858
15 Step-Up Transformers - PV3	Step_Up	13,034	6,304	1,737	2,200	268	1,436	79
16 Transmission System Plant	Trans_3S1W	12,010,462	5,809,367	1,600,526	2,027,133	246,691	1,323,155	72,740
17 Transmission System Plant - PV 3	Trans_3S1W	115,289	55,764	15,364	19,459	2,368	12,701	698
18 Transmission System Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0
19 Transmission System Plant - Dedicated Retail	Trans_3S1W	349,768	169,180	46,610	59,034	7,184	38,533	2,118
20 Transmission System Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0
21 EIP Acquisition Adjustment Amortization	Trans_3S1W	303,634	146,865	40,463	51,248	6,237	33,450	1,839
22 TOTAL TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE		13,264,014	6,415,701	1,767,576	2,238,708	272,439	1,461,255	80,332
23								
24 DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE								
25 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0
26 Distribution Substations Net Plant - PNM	Net_Dist_Plant	6,076,367	3,261,109	871,996	972,509	167,688	438,531	9,359
27 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0
28 Primary Distribution System Net Plant - PNM	NCP_Pri	16,674,598	8,160,490	2,395,615	2,855,395	485,997	1,914,704	0
29 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
30 Secondary Distribution System Net Plant - PNM	NCP_Sec	9,867,554	5,698,738	1,672,937	1,994,016	339,388	0	60,055
31 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0
32 Services Net Plant - PNM	_PLT36970	4,263,256	3,506,380	478,634	139,160	37,651	49,628	437
33 Meters Net Plant - PNM	_PLT36970	2,369,745	1,949,034	266,050	77,353	20,929	27,586	243
34 Private Lighting - 371	_PLT37173	221,860	0	0	0	0	0	0
35 Street Lighting - 373	_PLT37173	702,322	0	0	0	0	0	0
36 TOTAL DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE		40,175,704	22,575,752	5,685,232	6,038,433	1,051,653	2,430,449	10,040
37								
38 GENERAL DEPRECIATION & AMORTIZATION EXPENSE								
39 Production General & Intangible Net Plant	Prod_Labor	224,951	110,259	30,418	38,470	4,683	25,119	1,378
40 PV Unit 3 General & Intangible Net Plant	Prod_Labor	70,868	34,736	9,583	12,119	1,475	7,914	434
41 Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0
42 Bulk Power Operations	Prod_Labor	307,587	150,763	41,592	52,602	6,404	34,347	1,884
43 Energy Management System Facilities	Prod_Labor	680,625	333,607	92,035	116,396	14,170	76,003	4,168
44 Other Division Offices/Customer Service	Cust_Svc_Labor	4,213,777	3,326,082	433,003	191,305	27,603	118,884	8,084
45 Communications - Transmission	Trans_Labor	1,595,378	771,672	212,602	269,269	32,769	175,758	9,662
46 Production Related (Shared Services)	Prod_Labor	5,898,264	2,891,026	797,571	1,008,685	122,794	658,636	36,124
47 Transmission Related (Shared Services)	Trans_Labor	705,018	341,012	93,951	118,993	14,481	77,670	4,270
48 Distribution/Customer Related (Shared Services)	DistCust_Labor	10,858,676	7,546,297	1,392,240	815,127	151,364	360,123	9,229
49 TOTAL GENERAL DEPRECIATION & AMORTIZATION EXPENSE		24,555,144	15,505,454	3,102,995	2,622,967	375,742	1,534,453	75,233
50 TOTAL DEPRECIATION & AMORTIZATION EXPENSE		131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018		Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting	
		Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20	
		Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Streetlighting	
		8	9	10	11	12	13	14	15	
DEPRECIATION & AMORTIZATION EXPENSE										
1 PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE										
2	Steam Production Plant	Net_Prod_Plant	228,050	132,579	564,243	4,769	328,676	0	12,214	39,568
3	SJ Unit 4 65 MW	Net_Prod_Plant	0	0	0	0	0	0	0	0
4	Nuclear Production Net Plant - Palo Verde 1 & 2	Net_Prod_Plant	120,089	69,815	297,126	2,511	173,078	0	6,432	20,836
5	Nuclear Production Net Plant - Palo Verde 3	Net_Prod_Plant	56,111	32,621	138,831	1,173	80,870	0	3,005	9,736
6	PV 1&2 Acquisition Adjustment Amortization	Net_Prod_Plant	3,957	2,301	9,791	83	5,703	0	212	687
7	PV 2 Lease Acquisition Adjustment - First Chicago Amortization	Net_Prod_Plant	9,018	5,243	22,313	189	12,998	0	483	1,565
8	PV 2 64.1 MW Lease Acquisition Adjustment Amortization	Net_Prod_Plant	0	0	0	0	0	0	0	0
9	Other Production Plant - Gas & 40 MW Solar	Net_Prod_Plant	160,658	93,400	397,501	3,360	231,547	0	8,605	27,875
10	Other Production Plant - Renewable	Net_Prod_Plant	0	0	0	0	0	0	0	0
11	TOTAL PRODUCTION DEPRECIATION & AMORTIZATION EXPENSE		577,885	335,958	1,429,805	12,085	832,872	0	30,951	100,265
12										
13 TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE										
14	Step-Up Transformers - Excluding PV3	Step_Up	5,041	2,929	12,494	105	7,275	6,291	274	887
15	Step-Up Transformers - PV3	Step_Up	139	81	345	3	201	174	8	25
16	Transmission System Plant	Trans_3S1W	128,307	74,560	318,038	2,683	185,174	160,129	6,972	22,586
17	Transmission System Plant - PV 3	Trans_3S1W	1,232	716	3,053	26	1,777	1,537	67	217
18	Transmission System Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0	0
19	Transmission System Plant - Dedicated Retail	Trans_3S1W	3,737	2,171	9,262	78	5,393	4,663	203	658
20	Transmission System Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
21	EIP Acquisition Adjustment Amortization	Trans_3S1W	3,244	1,885	8,040	68	4,681	4,048	176	571
22	TOTAL TRANSMISSION DEPRECIATION & AMORTIZATION EXPENSE		141,699	82,343	351,232	2,963	204,501	176,842	7,700	24,943
23										
24 DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE										
25	Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
26	Distribution Substations Net Plant - PNM	Net_Dist_Plant	147,257	34	31,616	34	17,615	34	11,611	116,200
27	Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
28	Primary Distribution System Net Plant - PNM	NCP_Pri	629,735	0	0	0	0	0	34,595	112,069
29	Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
30	Secondary Distribution System Net Plant - PNM	NCP_Sec	0	0	0	0	0	0	24,159	78,262
31	Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
32	Services Net Plant - PNM	_PLT36970	35,855	219	219	219	875	219	0	0
33	Meters Net Plant - PNM	_PLT36970	19,930	122	122	122	486	122	0	0
34	Private Lighting - 371	_PLT37173	0	0	0	0	0	0	253	221,606
35	Street Lighting - 373	_PLT37173	0	0	0	0	0	0	802	701,520
36	TOTAL DISTRIBUTION DEPRECIATION & AMORTIZATION EXPENSE		832,776	374	31,956	374	18,976	374	71,421	1,229,658
37										
38 GENERAL DEPRECIATION & AMORTIZATION EXPENSE										
39	Production General & Intangible Net Plant	Prod_Labor	2,438	1,417	6,033	51	3,514	0	131	423
40	PV Unit 3 General & Intangible Net Plant	Prod_Labor	768	447	1,900	16	1,107	0	41	133
41	Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
42	Bulk Power Operations	Prod_Labor	3,334	1,938	8,249	70	4,805	0	179	578
43	Energy Management System Facilities	Prod_Labor	7,377	4,289	18,252	154	10,632	0	395	1,280
44	Other Division Offices/Customer Service	Cust_Svc_Labor	20,188	7,501	41,586	352	23,562	4,347	1,586	5,138
45	Communications - Transmission	Trans_Labor	17,043	9,904	42,246	356	24,597	21,270	926	3,000
46	Production Related (Shared Services)	Prod_Labor	63,929	37,166	158,174	1,337	92,138	0	3,424	11,092
47	Transmission Related (Shared Services)	Trans_Labor	7,532	4,377	18,669	157	10,870	9,400	409	1,326
48	Distribution/Customer Related (Shared Services)	DistCust_Labor	127,864	3,590	36,577	360	21,184	2,165	79,724	278,695
49	TOTAL GENERAL DEPRECIATION & AMORTIZATION EXPENSE		250,474	70,628	331,685	2,854	192,408	37,182	86,815	301,666
50	TOTAL DEPRECIATION & AMORTIZATION EXPENSE		1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	196,886	1,656,532

PNM EXHIBIT SAV-4
Page 164 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
GENERAL TAXES & OTHER EXPENSES									
1 GENERAL TAXES									
2									
3 PROPERTY TAX EXPENSE									
4 PRODUCTION PROPERTY TAX EXPENSE									
5 Steam Production Plant	Net_Prod_Plant	4,541,627	2,226,072	614,125	776,681	94,551	507,146	27,815	12,450
6 San Juan Unit 4 65 MW	Net_Prod_Plant	0	0	0	0	0	0	0	0
7 Nuclear Production Net Plant - Palo Verde 1 & 2	Net_Prod_Plant	2,696,758	1,321,812	364,659	461,183	56,143	301,136	16,516	7,392
8 Nuclear Production Net Plant - Palo Verde 3	Net_Prod_Plant	1,022,367	501,112	138,246	174,839	21,284	114,164	6,261	2,803
9 Other Production Plant - Gas & 40 MW Solar	Net_Prod_Plant	4,207,044	2,062,077	568,882	719,463	87,585	469,784	25,766	11,532
10 Other Production Plant - Renewable	Net_Prod_Plant	0	0	0	0	0	0	0	0
11 TOTAL PRODUCTION PROPERTY TAX EXPENSE		12,467,796	6,111,073	1,685,911	2,132,167	259,564	1,392,230	76,358	34,177
12									
13 TRANSMISSION PROPERTY TAX EXPENSE									
14 Step-Up Transformers - Excluding PV3	Step_Up	66,370	32,103	8,845	11,202	1,363	7,312	402	179
15 Step-Up Transformers - PV3	Step_Up	1,410	682	188	238	29	155	9	4
16 Transmission System Plant	Trans_3S1W	3,136,256	1,516,983	417,941	529,339	64,418	345,511	18,994	8,461
17 Transmission System Plant - PV 3	Trans_3S1W	16,341	7,904	2,178	2,758	336	1,800	99	44
18 Transmission System Plant - High Lonesome Mesa	Trans_3S1W	0	0	0	0	0	0	0	0
19 Transmission System Plant - Dedicated Retail	Trans_3S1W	35,432	17,138	4,722	5,980	728	3,903	215	96
20 Transmission System Plant - Dedicated FERC	Trans_3S1W	0	0	0	0	0	0	0	0
21 TOTAL TRANSMISSION PROPERTY TAX EXPENSE		3,255,809	1,574,810	433,872	549,517	66,873	358,682	19,718	8,783
22									
23									
24 DISTRIBUTION PROPERTY TAX EXPENSE									
25 Distribution Substations Net Plant - Dedicated FERC	DFERC	0	0	0	0	0	0	0	0
26 Distribution Substations Net Plant - PNM	Net_Dist_Plant	1,655,772	888,632	237,613	265,003	45,694	119,497	2,550	8,385
27 Distribution Substations Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
28 Primary Distribution System Net Plant - PNM	Net_Dist_Plant	4,022,110	2,158,615	577,197	643,730	110,997	290,275	6,195	20,369
29 Primary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
30 Secondary Distribution System Net Plant - PNM	NCP_Sec	2,279,899	1,316,694	386,532	460,718	78,416	0	0	13,876
31 Secondary Distribution System Net Plant - Renewables	NCP	0	0	0	0	0	0	0	0
32 Services Net Plant - PNM	_PLT36970	577,370	474,867	64,821	18,846	5,099	6,721	59	1,864
33 Meters Net Plant - PNM	_PLT36970	413,917	340,432	46,470	13,511	3,656	4,818	42	1,336
34 Private Lighting - 371	_PLT37173	1,354	0	0	0	0	0	0	0
35 Street Lighting - 373	_PLT37173	120,610	0	0	0	0	0	0	0
36 TOTAL DISTRIBUTION PROPERTY TAX EXPENSE		9,071,031	5,179,240	1,312,634	1,401,807	243,862	421,312	8,847	45,830
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetslighting
	Schedule 11 Water & Sewage 8	Schedule 15 Industrial Power Universities 115 kV 9	Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Schedule 33B Large Service for Station Power 11	Lg Power Service >= 3,000 kW 12	Special Service Rate Renew. Energy Res. 13	Schedule 6 Private Area Lighting 14	Schedule 20 Streetslighting 15
et_Prod_Plant	49,225	28,617	121,793	1,029	70,945	0	2,636	8,541
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	29,229	16,993	72,319	611	42,126	0	1,565	5,071
et_Prod_Plant	11,081	6,442	27,417	232	15,971	0	593	1,923
et_Prod_Plant	45,599	26,509	112,821	954	65,719	0	2,442	7,912
et_Prod_Plant	0	0	0	0	0	0	0	0
	135,134	78,561	334,350	2,826	194,761	0	7,238	23,446
ep_Up	709	412	1,757	15	1,023	885	39	125
ep_Up	15	9	37	0	22	19	1	3
ans_3S1W	33,504	19,470	83,048	701	48,354	41,814	1,821	5,888
ans_3S1W	175	101	433	4	252	218	9	31
ans_3S1W	0	0	0	0	0	0	0	0
ans_3S1W	379	220	938	8	546	472	21	67
ans_3S1W	0	0	0	0	0	0	0	0
	34,782	20,212	86,214	727	50,197	43,408	1,890	6,123
FERC	0	0	0	0	0	0	0	0
et_Dist_Plant	40,127	9	8,615	9	4,800	9	3,164	31,664
CP	0	0	0	0	0	0	0	0
et_Dist_Plant	97,473	22	20,927	22	11,660	22	7,686	76,916
CP	0	0	0	0	0	0	0	0
CP_Sec	0	0	0	0	0	0	5,582	18,082
CP	0	0	0	0	0	0	0	0
PLT36970	4,856	30	30	30	118	30	0	0
PLT36970	3,481	21	21	21	85	21	0	0
PLT37173	0	0	0	0	0	0	2	1,352
PLT37173	0	0	0	0	0	0	138	120,472
	145,937	82	29,593	82	16,664	82	16,571	248,487

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

GENERAL TAXES & OTHER EXPENSES CONTINUED

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
GENERAL TAXES CONTINUED								
1 GENERAL TAXES CONTINUED								
2								
3 GENERAL PROPERTY TAX EXPENSE								
4 Production General & Intangible Net Plant	Prod_Labor 52,518	25,742	7,102	8,981	1,093	5,864	322	144
5 PV Unit 3 General & Intangible Net Plant	Prod_Labor 1,340	657	181	229	28	150	8	4
6 Renewables General & Intangible Net Plant	Prod_Labor 0	0	0	0	0	0	0	0
7 Bulk Power Operations	Prod_Labor 32,623	15,990	4,411	5,579	679	3,643	200	89
8 Energy Management System Facilities	Prod_Labor 37,478	18,370	5,068	6,409	780	4,185	230	103
9 Other Division Offices/Customer Service	DistCust_Labor 486,405	338,030	62,364	36,513	6,780	16,131	413	1,529
10 Communications - Transmission	Trans_Labor 135,632	65,604	18,074	22,892	2,786	14,942	821	366
11 Production Related (Shared Services)	Prod_Labor 345,140	169,170	46,670	59,024	7,185	38,540	2,114	946
12 Transmission Related (Shared Services)	Trans_Labor 41,229	19,942	5,494	6,959	847	4,542	250	111
13 Distribution/Customer Related (Shared Services)	DistCust_Labor 634,153	440,708	81,308	47,604	8,840	21,031	539	1,994
14 TOTAL GENERAL PROPERTY TAX EXPENSE	1,766,519	1,094,213	230,673	194,190	29,019	109,030	4,897	5,286
15								
16 TOTAL PROPERTY TAX EXPENSE	26,561,156	13,959,335	3,663,090	4,277,682	599,317	2,281,253	109,820	94,076
17								
18								
19 PAYROLL TAXES								
20 Production Related	Prod_Labor 3,053,929	1,496,879	412,956	522,264	63,579	341,020	18,704	8,371
21 Transmission Related	Trans_Labor 365,326	176,706	48,684	61,660	7,504	40,247	2,213	986
22 Distribution Related	Dist_Labor 3,353,497	1,752,853	526,830	450,741	84,644	194,932	3,558	19,007
23 TOTAL PAYROLL TAX EXPENSE	6,772,752	3,426,437	988,470	1,034,665	155,727	576,199	24,474	28,364
24								
25 OTHER TAXES								
26 Misc Taxes - Production Related	Net_Prod_Plant 4,112	2,016	556	703	86	459	25	11
27 Misc Taxes - Renewable	Net_Prod_Plant 0	0	0	0	0	0	0	0
28 Misc Taxes - Transmission Related	Net_Trans_Plant 469	227	62	79	10	52	3	1
29 Misc Taxes - Distribution Related	Net_Dist_Plant 9,231	4,954	1,325	1,477	255	666	14	47
30 Regulatory Commission Fees (I&S) PNM	Net_Prod_Plant 0	0	0	0	0	0	0	0
31 Joint Projects Four Corners	Net_Prod_Plant 411,082	201,491	55,587	70,301	8,558	45,904	2,518	1,127
32 Joint Projects PVNGS	Net_Prod_Plant 1,993,754	977,236	269,598	340,960	41,507	222,635	12,211	5,465
33 Joint Projects Transmission	Net_Trans_Plant 0	0	0	0	0	0	0	0
34 Native American Taxes - Production	Net_Prod_Plant 1,577,615	773,266	213,327	269,794	32,844	176,166	9,662	4,325
35 Native American Taxes - Transmission	Net_Trans_Plant 462,141	223,534	61,585	78,001	9,492	50,913	2,799	1,247
36 Native American Taxes - Distribution	Net_Dist_Plant 152,427	81,806	21,874	24,396	4,207	11,001	235	772
37 TOTAL OTHER TAXES	4,610,832	2,264,530	623,915	785,711	96,958	507,795	27,466	12,995
38								
39								
40 TOTAL GENERAL TAXES	37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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GENERAL TAXES & OTHER EXPENSES CONTINUED

1 GENERAL TAXES CONTINUED

2 GENERAL PROPERTY TAX EXPENSE

3	Production General & Intangible Net Plant	Prod_Labor	569	331	1,408	12	820	0	30	99
4	PV Unit 3 General & Intangible Net Plant	Prod_Labor	15	8	36	0	21	0	1	3
5	Renewables General & Intangible Net Plant	Prod_Labor	0	0	0	0	0	0	0	0
6	Bulk Power Operations	Prod_Labor	354	206	875	7	510	0	19	61
7	Energy Management System Facilities	Prod_Labor	406	236	1,005	8	585	0	22	70
8	Other Division Offices/Customer Service	DistCust_Labor	5,728	161	1,638	16	949	97	3,571	12,484
9	Communications - Transmission	Trans_Labor	1,449	842	3,592	30	2,091	1,808	79	255
10	Production Related (Shared Services)	Prod_Labor	3,741	2,175	9,256	78	5,391	0	200	649
11	Transmission Related (Shared Services)	Trans_Labor	440	256	1,092	9	636	550	24	78
12	Distribution/Customer Related (Shared Services)	DistCust_Labor	7,467	210	2,136	21	1,237	126	4,656	16,276
13	TOTAL GENERAL PROPERTY TAX EXPENSE		20,169	4,424	21,038	183	12,241	2,581	8,602	29,975

16 TOTAL PROPERTY TAX EXPENSE

19 PAYROLL TAXES

20	Production Related	Prod_Labor	33,101	19,243	81,897	692	47,706	0	1,773	5,743
21	Transmission Related	Trans_Labor	3,903	2,268	9,674	82	5,632	4,871	212	687
22	Distribution Related	Dist_Labor	75,198	124	11,373	124	6,722	124	50,526	176,744
23	TOTAL PAYROLL TAX EXPENSE		112,201	21,635	102,944	898	60,060	4,995	52,511	183,174

25 OTHER TAXES

26	Misc Taxes - Production Related	Net_Prod_Plant	45	26	110	1	64	0	2	8
27	Misc Taxes - Renewable	Net_Prod_Plant	0	0	0	0	0	0	0	0
28	Misc Taxes - Transmission Related	Net_Trans_Plant	5	3	12	0	7	6	0	1
29	Misc Taxes - Distribution Related	Net_Dist_Plant	224	0	48	0	27	0	18	177
30	Regulatory Commission Fees (I&S) PNM	Net_Prod_Plant	0	0	0	0	0	0	0	0
31	Joint Projects Four Corners	Net_Prod_Plant	4,456	2,590	11,024	93	6,422	0	239	773
32	Joint Projects PVNGS	Net_Prod_Plant	21,610	12,563	53,467	452	31,145	0	1,157	3,749
33	Joint Projects Transmission	Net_Trans_Plant	0	0	0	0	0	0	0	0
34	Native American Taxes - Production	Net_Prod_Plant	17,099	9,941	42,307	358	24,644	0	916	2,967
35	Native American Taxes - Transmission	Net_Trans_Plant	4,937	2,869	12,238	103	7,125	6,161	268	869
36	Native American Taxes - Distribution	Net_Dist_Plant	3,694	1	793	1	442	1	291	2,915
37	TOTAL OTHER TAXES		52,069	27,993	119,999	1,008	69,876	6,169	2,892	11,458

40 TOTAL GENERAL TAXES

500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,662
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
GENERAL TAXES & OTHER EXPENSES CONTINUED									
1 OTHER ALLOWABLE EXPENSES									
2 431.0 -Interest on Customer Deposits	Customer_Deposits	241,075	156,115	27,792	50,682	6,486	0	0	0
3 407.3 -Amort Loss on Reacquired Debt	Net_Plant	1,665,395	853,372	227,877	272,229	37,433	160,813	7,577	5,701
4 408.2 -Amort Retail rate case exp	NFREV	890,000	427,482	126,041	158,300	29,304	85,875	5,085	2,315
5 407.0 -Renewable Grant Amortization	Energy4	0	0	0	0	0	0	0	0
6 403/411.0 -Accretion ARO - Production Related	Net_Prod_Plant	7,104,695	3,482,356	960,706	1,215,002	147,911	793,353	43,512	19,475
7 403/411.0 -Accretion ARO - PV 3	Net_Prod_Plant	1,300,000	637,193	175,788	222,318	27,064	145,166	7,962	3,564
8 403/411.0 -Accretion ARO - Distribution Related	Net_Dist_Plant	105,213	56,466	15,099	16,839	2,904	7,593	162	533
9 Amortization of LVGS Regulatory Liability	Net_Prod_Plant	(204,805)	(100,385)	(27,694)	(35,025)	(4,264)	(22,870)	(1,254)	(561)
10 Amortization of LVGS Regulatory Asset	Net_Prod_Plant	37,216	18,241	5,032	6,364	775	4,156	228	102
11 Amortization of Westmoreland Coal Agreement Transaction Costs	Energy4	610,550	236,213	68,356	122,881	15,696	85,073	5,848	1,749
12 Amortization of SJ Units 2 & 3 50% Undepreciated Investment	Net_Prod_Plant	6,411,210	3,142,446	866,932	1,096,406	133,473	715,915	39,265	17,574
13 TOTAL OTHER ALLOWABLE EXPENSES		18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
14									
15									
16 TOTAL OPERATING EXPENSES		690,296,906	340,009,981	87,918,898	114,448,949	15,196,692	72,140,560	4,077,889	2,107,120
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
GENERAL TAXES & OTHER EXPENSES CONTINUED								
1 OTHER ALLOWABLE EXPENSES								
2 431.0 -Interest on Customer Deposits	Customer_Deposits	0	0	0	0	0	0	0
3 407.3 -Amort Loss on Reacquired Debt	Net_Plant	24,669	6,968	32,415	255	18,809	2,792	1,858
4 408.2 -Amort Retail rate case exp	NFREY	10,764	4,883	18,253	223	7,511	1,641	3,435
5 407.0 -Renewable Grant Amortization	Energy4	0	0	0	0	0	0	0
6 403/411.0 -Accretion ARO - Production Related	Net_Prod_Plant	77,005	44,768	190,527	1,610	110,983	0	4,124
7 403/411.0 -Accretion ARO - PV 3	Net_Prod_Plant	14,090	8,191	34,862	295	20,307	0	755
8 403/411.0 -Accretion ARO - Distribution Related	Net_Dist_Plant	2,550	1	547	1	305	1	201
9 Amortization of LVGS Regulatory Liability	Net_Prod_Plant	(2,220)	(1,291)	(5,492)	(46)	(3,199)	0	(119)
10 Amortization of LVGS Regulatory Asset	Net_Prod_Plant	403	235	998	8	581	0	22
11 Amortization of Westmoreland Coal Agreement Transaction Costs	Energy4	13,864	5,429	30,123	250	17,051	3,145	1,149
12 Amortization of SJ Units 2 & 3 50% Undepreciated Investment	Net_Prod_Plant	69,489	40,398	171,930	1,453	100,150	0	3,722
13 TOTAL OTHER ALLOWABLE EXPENSES		210,614	109,582	474,164	4,049	272,500	7,578	15,146
14								
15								
16 TOTAL OPERATING EXPENSES		10,751,864	3,887,060	19,396,724	164,253	11,116,594	1,750,435	1,612,239
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES									
1 FEDERAL INCOME TAX									
2									
3 TOTAL OPERATING REVENUE		817,784,352	380,177,689	111,920,327	148,973,493	26,063,693	84,458,014	5,170,903	2,154,895
4 LESS:									
5 Operation and Maintenance Exp Excl Fuel		361,893,074	186,274,253	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
6 Operation and Maintenance Fuel Expense		140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
7 Depreciation and Amortization Expense		131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141	444,760
8 General Taxes (TOIT)		37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
9 Revenue Tax		4,159,030	1,933,481	569,197	757,639	132,553	429,531	26,298	10,959
10 Other Allowable Expenses		18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
11 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		694,455,936	341,943,462	88,488,095	115,206,588	15,329,244	72,570,090	4,104,187	2,118,079
12									
13 NET OPERATING INCOME BEFORE INCOME TAXES		123,328,416	38,234,227	23,432,233	33,766,905	10,734,449	11,887,923	1,066,716	36,816
14 LESS:									
15 Interest on Long Term Debt		58,714,432	29,902,260	7,942,238	9,571,055	1,310,359	5,764,714	282,308	197,971
16									
17 PRE-TAX INCOME		64,613,984	8,331,967	15,489,994	24,195,851	9,424,090	6,123,209	784,408	(161,155)
18									
19 FEDERAL TAX ADJUSTMENT:									
20 PLUS:									
21 Permanent and Flow-Through Differences		(2,148,609)	(1,096,427)	(296,457)	(356,187)	(50,762)	(202,973)	(8,935)	(7,959)
22 LESS:									
23 State Income Tax		(3,480,129)	(403,113)	(846,477)	(1,328,178)	(522,216)	(329,834)	(43,204)	9,422
24 FEDERAL TAXABLE INCOME		65,945,505	7,638,654	16,040,014	25,167,841	9,895,543	6,250,070	818,677	(178,536)
25 Federal Tax Factor		35.0000%							
26 CALCULATED FEDERAL INCOME TAXES		23,080,927	2,673,529	5,614,005	8,808,744	3,463,440	2,187,525	286,537	(62,487)
27									
28 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:									
29 Amortization of EIP Prepaid Tax Reversal		0	0	0	0	0	0	0	0
30 ARAM and Payroll Tax Reversal		(136,013)	(79,192)	(17,948)	(17,355)	(2,407)	(10,359)	(509)	(397)
31 Investment Tax Credit Amortization		(619,982)	(303,883)	(83,835)	(106,026)	(12,907)	(69,231)	(3,797)	(1,699)
32									
33 NET ALLOWABLE FEDERAL INCOME TAX		22,324,931	2,290,453	5,512,222	8,685,364	3,448,126	2,107,935	282,231	(64,584)
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES								
1 FEDERAL INCOME TAX								
2								
3 TOTAL OPERATING REVENUE	11,252,396	4,928,187	20,539,721	226,053	9,432,126	1,917,454	2,915,969	7,653,431
4 LESS:								
5 Operation and Maintenance Exp Excl Fuel	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085
6 Operation and Maintenance Fuel Expense	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
7 Depreciation and Amortization Expense	1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	196,886	1,656,532
8 General Taxes (TOIT)	500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,662
9 Revenue Tax	57,227	25,063	104,459	1,150	47,969	9,752	14,830	38,923
10 Other Allowable Expenses	210,614	109,582	474,164	4,049	272,500	7,578	15,146	54,798
11 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,809,090	3,912,123	19,501,184	165,403	11,164,564	1,760,187	1,627,069	5,756,570
12								
13 NET OPERATING INCOME BEFORE INCOME TAXES	443,305	1,016,064	1,038,537	60,650	(1,732,437)	157,268	1,288,900	1,896,861
14 LESS:								
15 Interest on Long Term Debt	884,567	259,649	1,232,386	9,762	712,850	119,877	74,537	449,898
16								
17 PRE-TAX INCOME	(441,262)	756,414	(193,850)	50,888	(2,445,288)	37,391	1,214,362	1,446,963
18								
19 FEDERAL TAX ADJUSTMENT:								
20 PLUS:								
21 Permanent and Flow-Through Differences	(35,521)	(7,718)	(37,750)	(282)	(21,855)	(4,990)	(2,051)	(18,742)
22 LESS:								
23 State Income Tax	26,563	(41,712)	12,903	(2,819)	137,452	(1,805)	(67,541)	(79,570)
24 FEDERAL TAXABLE INCOME	(503,346)	790,409	(244,503)	53,425	(2,604,595)	34,207	1,279,853	1,507,791
25 Federal Tax Factor								
26 CALCULATED FEDERAL INCOME TAXES	(176,171)	276,643	(85,576)	18,699	(911,608)	11,972	447,948	527,727
27								
28 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:								
29 Amortization of EIP Prepaid Tax Reversal	0	0	0	0	0	0	0	0
30 ARAM and Payroll Tax Reversal	(1,531)	(490)	(2,206)	(19)	(1,284)	(107)	(494)	(1,716)
31 Investment Tax Credit Amortization	(6,720)	(3,907)	(16,626)	(141)	(9,685)	0	(360)	(1,166)
32								
33 NET ALLOWABLE FEDERAL INCOME TAX	(184,421)	272,247	(104,408)	18,539	(922,577)	11,865	447,095	524,845
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES									
1 STATE INCOME TAX									
2									
3 NET OPERATING INCOME BEFORE INCOME TAXES		123,328,416	38,234,227	23,432,233	33,766,905	10,734,449	11,887,923	1,066,716	36,816
4 LESS:									
5 Interest on Long Term Debt		58,714,432	29,902,260	7,942,238	9,571,055	1,310,359	5,764,714	282,308	197,971
6 PLUS:									
7 Permanent and Flow-Through Differences		(2,148,609)	(1,096,427)	(296,457)	(356,187)	(50,762)	(202,973)	(8,935)	(7,959)
8 STATE TAXABLE INCOME		62,465,375	7,235,541	15,193,537	23,839,664	9,373,328	5,920,236	775,473	(169,114)
9 State Tax Factor		5.57%							
10 NET ALLOWABLE STATE INCOME TAX		3,480,129	403,113	846,477	1,328,178	522,216	329,834	43,204	(9,422)
11									
12 PLUS:									
13 State Renewable PTC and ITC	Net_Prod_Plant	0	0	0	0	0	0	0	0
14 NET ALLOWABLE STATE INCOME TAX		3,480,129	403,113	846,477	1,328,178	522,216	329,834	43,204	(9,422)
15									
16 REVENUE TAX:									
17									
18 SALES REVENUE INCLUDING FUEL		817,784,352	380,177,689	111,920,327	148,973,493	26,063,693	84,458,014	5,170,903	2,154,895
19 Revenue Tax Rate-I&S Fee		0.508573%							
20 REVENUE TAX		4,159,030	1,933,481	569,197	757,639	132,553	429,531	26,298	10,959
21									
22									
23									
24									
25									
26 TOTAL OPERATING REVENUE		817,784,352	380,177,689	111,920,327	148,973,493	26,063,693	84,458,014	5,170,903	2,154,895
27 LESS:									
28 OPERATING EXPENSES BEFORE INCOME TAXES									
29 Operation and Maintenance Exp Excl Fuel		361,893,074	186,274,253	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
30 Operation and Maintenance Fuel Expense		140,988,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
31 Depreciation and Amortization Expense		131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141	444,760
32 General Taxes		37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
33 Revenue Tax		4,159,030	1,933,481	569,197	757,639	132,553	429,531	26,298	10,959
34 Other Allowable Expenses		18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
35 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		694,455,936	341,943,462	88,488,095	115,206,588	15,329,244	72,570,090	4,104,187	2,118,079
36 LESS:									
37 Net Allowable Federal Income Tax		22,324,931	2,290,453	5,512,222	8,685,364	3,448,126	2,107,935	282,231	(64,584)
38 Net Allowable State Income Tax		3,480,129	403,113	846,477	1,328,178	522,216	329,834	43,204	(9,422)
39									
40 NET OPERATING INCOME		97,523,355	35,540,660	17,073,534	23,753,364	6,764,108	9,450,155	741,281	110,822
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

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ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - ROR @ EXISTING RATES								
1 STATE INCOME TAX								
2								
3 NET OPERATING INCOME BEFORE INCOME TAXES	443,305	1,016,064	1,038,537	60,650	(1,732,437)	157,268	1,288,900	1,896,861
4 LESS:								
5 Interest on Long Term Debt	884,567	259,649	1,232,386	9,762	712,850	119,877	74,537	449,898
6 PLUS:								
7 Permanent and Flow-Through Differences	(35,521)	(7,718)	(37,750)	(282)	(21,855)	(4,990)	(2,051)	(18,742)
8 STATE TAXABLE INCOME	(476,783)	748,697	(231,599)	50,606	(2,467,143)	32,401	1,212,311	1,428,221
9 State Tax Factor								
10 NET ALLOWABLE STATE INCOME TAX	(26,563)	41,712	(12,903)	2,819	(137,452)	1,805	67,541	79,570
11								
12 PLUS:								
13 State Renewable PTC and ITC	0	0	0	0	0	0	0	0
14 NET ALLOWABLE STATE INCOME TAX	(26,563)	41,712	(12,903)	2,819	(137,452)	1,805	67,541	79,570
15								
16 REVENUE TAX:								
17								
18 SALES REVENUE INCLUDING FUEL	11,252,396	4,928,187	20,539,721	226,053	9,432,126	1,917,454	2,915,969	7,653,431
19 Revenue Tax Rate-I&S Fee								
20 REVENUE TAX	57,227	25,063	104,459	1,150	47,969	9,752	14,830	38,923
21								
22								
23								
24								
25								
26 TOTAL OPERATING REVENUE	11,252,396	4,928,187	20,539,721	226,053	9,432,126	1,917,454	2,915,969	7,653,431
27 LESS:								
28 OPERATING EXPENSES BEFORE INCOME TAXES								
29 Operation and Maintenance Exp Excl Fuel	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085
30 Operation and Maintenance Fuel Expense	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
31 Depreciation and Amortization Expense	1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	196,886	1,656,532
32 General Taxes	500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,662
33 Revenue Tax	57,227	25,063	104,459	1,150	47,969	9,752	14,830	38,923
34 Other Allowable Expenses	210,614	109,582	474,164	4,049	272,500	7,578	15,146	54,798
35 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,809,090	3,912,123	19,501,184	165,403	11,164,564	1,760,187	1,627,069	5,756,570
36 LESS:								
37 Net Allowable Federal Income Tax	(184,421)	272,247	(104,408)	18,539	(922,577)	11,865	447,095	524,845
38 Net Allowable State Income Tax	(26,563)	41,712	(12,903)	2,819	(137,452)	1,805	67,541	79,570
39								
40 NET OPERATING INCOME	654,290	702,105	1,155,848	39,291	(672,409)	143,597	774,264	1,292,446
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - @ REQUESTED ROR									
1 FEDERAL INCOME TAX		178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
2									
3 TOTAL NET ORIGINAL COST RATE BASE		2,381,200,287	1,212,704,725	322,102,405	388,160,071	53,142,425	233,791,548	11,449,194	8,028,844
4 WEIGHTED COST OF CAPITAL		7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
5 RETURN ON RATE BASE @ 7.51%		178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
6									
7 PLUS RETURN ADJUSTMENTS:									
8 INTEREST ON LONG TERM DEBT		58,714,432	29,902,260	7,942,238	9,571,055	1,310,359	5,764,714	282,308	197,971
9 TAX/BOOK ADJUSTMENTS		(2,148,609)	(1,096,427)	(296,457)	(356,187)	(50,762)	(202,973)	(8,935)	(7,959)
10									
11 NET TAXABLE EQUITY RETURN		117,884,167	60,034,220	15,940,248	19,210,387	2,628,069	11,582,112	568,202	396,763
12									
13 PLUS FEDERAL TAX ADJUSTMENTS		(755,995)	(383,075)	(101,783)	(123,381)	(15,315)	(79,590)	(4,306)	(2,097)
14									
15 ADJUSTED EQUITY RETURN		117,128,172	59,651,145	15,838,465	19,087,006	2,612,754	11,502,522	563,896	394,667
16									
17 Federal Tax Factor (Rate/1-Rate)		53.8462%							
18 RETURN ON RATE BASE @ 53.85%		63,069,015	32,119,847	8,528,404	10,277,619	1,406,868	6,193,666	303,636	212,513
19									
20 PLUS:									
21 Total Provision for Deferred Income Tax		(136,013)	(79,192)	(17,948)	(17,355)	(2,407)	(10,359)	(509)	(397)
22 Amortization of EIP Prepaid Tax Reversal		0	0	0	0	0	0	0	0
23 Total Investment Tax Credit Amortization		(619,982)	(303,883)	(83,835)	(106,026)	(12,907)	(69,231)	(3,797)	(1,699)
24									
25 NET ALLOWABLE FEDERAL INCOME TAX		62,313,020	31,736,772	8,426,622	10,154,238	1,391,553	6,114,076	299,331	210,416
26									
27									
28									
29 STATE INCOME TAX									
30									
31 RETURN ON RATE BASE @ 7.51%		178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
32 LESS RETURN ADJUSTMENT:									
33 Interest on Long Term Debt		58,714,432	29,902,260	7,942,238	9,571,055	1,310,359	5,764,714	282,308	197,971
34 PLUS RETURN ADJUSTMENT:									
35 Tax/Book Adjustments		(2,148,609)	(1,096,427)	(296,457)	(356,187)	(50,762)	(202,973)	(8,935)	(7,959)
36 PLUS FEDERAL TAX ADJUSTMENTS:									
37 Net Allowable F I T		62,313,020	31,736,772	8,426,622	10,154,238	1,391,553	6,114,076	299,331	210,416
38 22 MW, Battery project and PV Farm PTC	Net_Plant	0	0	0	0	0	0	0	0
39 New Mexico NOL Valuation Allowance	Net_Plant	1,741,662	892,452	238,312	284,696	39,147	168,177	7,924	5,962
40 Amortization of Excess Deferred Taxes	Net_Plant	(1,147,835)	(588,167)	(157,059)	(187,628)	(25,800)	(110,837)	(5,222)	(3,929)
41 STATE TAXABLE INCOME		180,791,014	92,075,277	24,448,123	29,461,693	4,032,969	17,753,529	870,234	609,212
42 State Tax Factor (Rate/1-Rate)		5.90%							
43 TOTAL STATE INCOME TAX		10,666,670	5,432,441	1,442,439	1,738,240	237,945	1,047,458	51,344	35,944
44 PLUS:									
45 22 MW, Battery project and PV Farm PTC	Net_Plant	0	0	0	0	0	0	0	0
46 New Mexico NOL Valuation Allowance	Net_Plant	1,741,662	892,452	238,312	284,696	39,147	168,177	7,924	5,962
47 Amortization of Excess Deferred Taxes	Net_Plant	(1,147,835)	(588,167)	(157,059)	(187,628)	(25,800)	(110,837)	(5,222)	(3,929)
48 NET ALLOWABLE STATE INCOME TAX		11,260,496	5,736,726	1,523,693	1,835,308	251,293	1,104,799	54,045	37,976
49									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - @ REQUESTED ROR								
1 FEDERAL INCOME TAX	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
2								
3 TOTAL NET ORIGINAL COST RATE BASE	35,874,163	10,530,237	49,980,198	395,909	28,910,092	4,861,667	3,022,902	18,245,906
4 WEIGHTED COST OF CAPITAL	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
5 RETURN ON RATE BASE @ 7.51%	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
6								
7 PLUS RETURN ADJUSTMENTS:								
8 INTEREST ON LONG TERM DEBT	884,567	259,649	1,232,386	9,762	712,850	119,877	74,537	449,898
9 TAX/BOOK ADJUSTMENTS	(35,521)	(7,718)	(37,750)	(282)	(21,855)	(4,990)	(2,051)	(18,742)
10								
11 NET TAXABLE EQUITY RETURN	1,772,842	523,096	2,481,678	19,675	1,435,460	240,080	150,329	901,007
12								
13 PLUS FEDERAL TAX ADJUSTMENTS	(8,250)	(4,396)	(18,832)	(159)	(10,969)	(107)	(854)	(2,882)
14								
15 ADJUSTED EQUITY RETURN	1,764,591	518,699	2,462,846	19,515	1,424,491	239,973	149,475	898,125
16								
17 Federal Tax Factor (Rate/1-Rate)								
18 RETURN ON RATE BASE @ 53.85%	950,165	279,300	1,326,148	10,508	767,034	129,216	80,487	483,606
19								
20 PLUS:								
21 Total Provision for Deferred Income Tax	(1,531)	(490)	(2,206)	(19)	(1,284)	(107)	(494)	(1,716)
22 Amortization of EIP Prepaid Tax Reversal	0	0	0	0	0	0	0	0
23 Total Investment Tax Credit Amortization	(6,720)	(3,907)	(16,626)	(141)	(9,685)	0	(360)	(1,166)
24								
25 NET ALLOWABLE FEDERAL INCOME TAX	941,914	274,903	1,307,316	10,349	756,065	129,109	79,633	480,724
26								
27								
28								
29 STATE INCOME TAX								
30								
31 RETURN ON RATE BASE @ 7.51%	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
32 LESS RETURN ADJUSTMENT:								
33 Interest on Long Term Debt	884,567	259,649	1,232,386	9,762	712,850	119,877	74,537	449,898
34 PLUS RETURN ADJUSTMENT:								
35 Tax/Book Adjustments	(35,521)	(7,718)	(37,750)	(282)	(21,855)	(4,990)	(2,051)	(18,742)
36 PLUS FEDERAL TAX ADJUSTMENTS:								
37 Net Allowable F I T	941,914	274,903	1,307,316	10,349	756,065	129,109	79,633	480,724
38 22 MW, Battery project and PV Farm PTC	0	0	0	0	0	0	0	0
39 New Mexico NOL Valuation Allowance	25,798	7,287	33,900	266	19,671	2,920	1,943	13,207
40 Amortization of Excess Deferred Taxes	(17,002)	(4,802)	(22,342)	(175)	(12,964)	(1,925)	(1,280)	(8,704)
41 STATE TAXABLE INCOME	2,723,552	800,483	3,800,552	30,115	2,198,231	370,185	230,624	1,386,234
42 State Tax Factor (Rate/1-Rate)								
43 TOTAL STATE INCOME TAX	160,690	47,229	224,233	1,777	129,696	21,841	13,607	81,788
44 PLUS:								
45 22 MW, Battery project and PV Farm PTC	0	0	0	0	0	0	0	0
46 New Mexico NOL Valuation Allowance	25,798	7,287	33,900	266	19,671	2,920	1,943	13,207
47 Amortization of Excess Deferred Taxes	(17,002)	(4,802)	(22,342)	(175)	(12,964)	(1,925)	(1,280)	(8,704)
48 NET ALLOWABLE STATE INCOME TAX	169,486	49,713	235,791	1,868	136,402	22,837	14,269	86,291
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PNM EXHIBIT SAV-4
Page 176 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - @ REQUESTED ROR									
1 RETURN ON RATE BASE @ 7.51%		178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
2 PLUS: TOTAL OPERATING EXPENSES		690,296,906	340,009,981	87,918,898	114,448,949	15,196,692	72,140,560	4,077,889	2,107,120
3 (EXCLUDING INCOME & REVENUE RELATED TAXES)									
4 PLUS:									
5 NET ALLOWABLE FEDERAL INCOME TAX		62,313,020	31,736,772	8,426,622	10,154,238	1,391,553	6,114,076	299,331	210,416
6 NET ALLOWABLE STATE INCOME TAX		11,260,496	5,736,726	1,523,693	1,835,308	251,293	1,104,799	54,045	37,976
7									
8 TOTAL REVENUE REQUIREMENTS BEFORE		942,617,630	468,516,386	122,048,155	155,576,124	20,828,727	96,909,234	5,290,711	2,958,206
9 REVENUE CREDITS & REVENUE TAX									
10									
11 TOTAL REVENUE REQUIREMENTS INCLUDING REVENUE TAX		947,336,704	470,863,852	122,659,102	156,354,022	20,932,835	97,393,965	5,317,193	2,972,993
12									
13 REVENUE CREDITS:									
14 LESS:									
15 Total Revenue Credits (Other Operating Revenue)		(14,712,587)	(6,937,424)	(1,918,532)	(2,619,027)	(358,039)	(1,597,183)	(83,456)	(50,539)
16									
17 SUBTOTAL REVENUE REQUIREMENTS		927,905,042	461,578,962	120,129,623	152,957,096	20,470,688	95,312,051	5,207,255	2,907,667
18									
19 REVENUE TAX:									
20 Revenue Tax Factor-I&S Fee (Rev Tax Rate/1- Rev Tax Rate)		0.508573%							
21 REVENUE TAX		4,719,075	2,347,466	610,947	777,898	104,108	484,731	26,483	14,788
22									
23 TOTAL REVENUE REQUIREMENTS		932,624,117	463,926,428	120,740,570	153,734,995	20,574,797	95,796,782	5,233,737	2,922,454
24 LESS FUEL		140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
25 TOTAL NON-FUEL REVENUE REQUIREMENTS		791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - @ REQUESTED ROR								
1 RETURN ON RATE BASE @ 7.51%	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
2 PLUS: TOTAL OPERATING EXPENSES	10,751,864	3,887,060	19,396,724	164,253	11,116,594	1,750,435	1,612,239	5,717,647
3 (EXCLUDING INCOME & REVENUE RELATED TAXES)								
4 PLUS:								
5 NET ALLOWABLE FEDERAL INCOME TAX	941,914	274,903	1,307,316	10,349	756,065	129,109	79,633	480,724
6 NET ALLOWABLE STATE INCOME TAX	169,486	49,713	235,791	1,868	136,402	22,837	14,269	86,291
7								
8 TOTAL REVENUE REQUIREMENTS BEFORE	14,556,194	5,002,139	24,691,645	206,189	14,179,227	2,267,327	1,933,059	7,654,309
9 REVENUE CREDITS & REVENUE TAX								
10								
11 TOTAL REVENUE REQUIREMENTS INCLUDING REVENUE TAX	14,628,895	5,027,201	24,815,235	207,221	14,250,202	2,278,567	1,942,787	7,692,633
12								
13 REVENUE CREDITS:								
14 LESS:								
15 Total Revenue Credits (Other Operating Revenue)	(261,050)	(74,106)	(390,473)	(3,303)	(223,422)	(57,188)	(20,227)	(118,617)
16								
17 SUBTOTAL REVENUE REQUIREMENTS	14,295,144	4,928,032	24,301,172	202,886	13,955,804	2,210,138	1,912,832	7,535,692
18								
19 REVENUE TAX:								
20 Revenue Tax Factor-I&S Fee (Rev Tax Rate/1- Rev Tax Rate)								
21 REVENUE TAX	72,701	25,063	123,589	1,032	70,975	11,240	9,728	38,324
22								
23 TOTAL REVENUE REQUIREMENTS	14,367,845	4,953,095	24,424,761	203,918	14,026,780	2,221,379	1,922,560	7,574,016
24 LESS FUEL	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power: 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY CLASS									
1 FEDERAL INCOME TAX									
2									
3 OPERATING REVENUE									
4 SALES OF ELECTRICITY REVENUE									
5 NON FUEL REVENUE		791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
6 FUEL REVENUE		140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
7 TOTAL SALES OF ELECTRICITY REVENUE		932,624,117	463,926,428	120,740,570	153,734,995	20,574,797	95,796,782	5,233,737	2,922,454
8 OTHER OPERATING REVENUE		14,712,587	6,937,424	1,918,532	2,619,027	358,039	1,597,183	83,456	50,539
9 TOTAL OPERATING REVENUE		947,336,704	470,863,852	122,659,102	156,354,022	20,932,835	97,393,965	5,317,193	2,972,993
10 LESS:									
11 Operation and Maintenance Exp Excl Fuel		361,893,074	186,274,263	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
12 Operation and Maintenance Fuel Expense		140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
13 Depreciation and Amortization Expense		131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141	444,760
14 General Taxes		37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
15 Revenue Tax		4,719,075	2,347,466	610,947	777,898	104,108	484,731	26,483	14,788
16 Other Allowable Expenses		18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
17 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		695,015,980	342,357,447	88,529,845	115,226,848	15,300,800	72,625,291	4,104,372	2,121,908
18									
19 NET OPERATING INCOME BEFORE INCOME TAXES		252,320,724	128,506,405	34,129,257	41,127,174	5,632,035	24,768,674	1,212,821	851,086
20 LESS:									
21 Interest on Long Term Debt		58,714,432	29,902,260	7,942,238	9,571,055	1,310,359	5,764,714	282,308	197,971
22									
23 PRE-TAX INCOME		193,606,292	98,604,145	26,187,019	31,556,120	4,321,676	19,003,960	930,513	653,114
24									
25 FEDERAL TAX ADJUSTMENT:									
26 PLUS:									
27 Permanent and Flow-Through Differences		(2,148,609)	(1,096,427)	(296,457)	(356,187)	(50,762)	(202,973)	(8,935)	(7,959)
28 LESS:									
29 State Income Tax		11,260,496	5,736,726	1,523,693	1,835,308	251,293	1,104,799	54,045	37,976
30 FEDERAL TAXABLE INCOME		180,197,187	91,770,992	24,366,869	29,364,625	4,019,622	17,696,188	867,533	607,180
31 Federal Tax Factor		35.00%							
32 CALCULATED FEDERAL INCOME TAXES		63,069,015	32,119,847	8,528,404	10,277,619	1,406,868	6,193,666	303,636	212,513
33									
34 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:									
35 Amortization of EIP Prepaid Tax Reversal		0	0	0	0	0	0	0	0
36 Total Provision for Deferred Income Tax		(136,013)	(79,192)	(17,948)	(17,355)	(2,407)	(10,359)	(509)	(397)
37 Investment Tax Credit Amortization		(619,982)	(303,883)	(83,835)	(106,026)	(12,907)	(69,231)	(3,797)	(1,699)
38									
39 NET ALLOWABLE FEDERAL INCOME TAX		62,313,020	31,736,772	8,426,622	10,154,238	1,391,553	6,114,076	299,331	210,416
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FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY								
1 FEDERAL INCOME TAX								
2								
3 OPERATING REVENUE								
4 SALES OF ELECTRICITY REVENUE								
5 NON FUEL REVENUE	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
6 FUEL REVENUE	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
7 TOTAL SALES OF ELECTRICITY REVENUE	14,367,845	4,953,095	24,424,761	203,918	14,026,780	2,221,379	1,922,560	7,574,016
8 OTHER OPERATING REVENUE	261,050	74,106	390,473	3,303	223,422	57,188	20,227	118,617
9 TOTAL OPERATING REVENUE	14,628,895	5,027,201	24,815,235	207,221	14,250,202	2,278,567	1,942,787	7,692,633
10 LESS:								
11 Operation and Maintenance Exp Excl Fuel	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085
12 Operation and Maintenance Fuel Expense	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
13 Depreciation and Amortization Expense	1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	196,886	1,656,532
14 General Taxes	500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,682
15 Revenue Tax	72,701	25,063	123,589	1,032	70,975	11,240	9,728	38,324
16 Other Allowable Expenses	210,614	109,582	474,164	4,049	272,500	7,578	15,146	54,798
17 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,824,565	3,912,122	19,520,314	165,285	11,187,570	1,761,675	1,621,968	5,755,971
18								
19 NET OPERATING INCOME BEFORE INCOME TAXES	3,804,330	1,115,079	5,294,921	41,936	3,062,632	516,892	320,819	1,936,662
20 LESS:								
21 Interest on Long Term Debt	884,567	259,649	1,232,386	9,762	712,850	119,877	74,537	449,898
22								
23 PRE-TAX INCOME	2,919,763	855,430	4,062,535	32,174	2,349,782	397,015	246,282	1,486,764
24								
25 FEDERAL TAX ADJUSTMENT:								
26 PLUS:								
27 Permanent and Flow-Through Differences	(35,521)	(7,718)	(37,750)	(282)	(21,855)	(4,990)	(2,051)	(18,742)
28 LESS:								
29 State Income Tax	169,486	49,713	235,791	1,868	136,402	22,837	14,269	86,291
30 FEDERAL TAXABLE INCOME	2,714,756	797,999	3,788,994	30,024	2,191,524	369,189	229,962	1,381,731
31 Federal Tax Factor								
32 CALCULATED FEDERAL INCOME TAXES	950,165	279,300	1,326,148	10,508	767,034	129,216	80,487	483,606
33								
34 PLUS ADJUSTMENTS TO FEDERAL INCOME TAX:								
35 Amortization of EIP Prepaid Tax Reversal	0	0	0	0	0	0	0	0
36 Total Provision for Deferred Income Tax	(1,531)	(490)	(2,206)	(19)	(1,284)	(107)	(494)	(1,716)
37 Investment Tax Credit Amortization	(6,720)	(3,907)	(16,626)	(141)	(9,685)	0	(360)	(1,166)
38								
39 NET ALLOWABLE FEDERAL INCOME TAX	941,914	274,903	1,307,316	10,349	756,065	129,109	79,633	480,724
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PNM EXHIBIT SAV-4
Page 180 of 268

PNMTOTALFTY.xlsx

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY CLASS									
1 STATE INCOME TAX									
2									
3 NET OPERATING INCOME BEFORE INCOME TAXES		252,320,724	128,506,405	34,129,257	41,127,174	5,632,035	24,768,674	1,212,821	851,086
4 LESS:									
5 Interest on Long Term Debt		58,714,432	29,902,260	7,942,238	9,571,055	1,310,359	5,764,714	282,308	197,971
6 PLUS:									
7 Permanent and Flow-Through Differences		(2,742,435)	(1,400,712)	(377,711)	(453,255)	(64,110)	(260,314)	(11,637)	(9,991)
8 Amortization of Excess Deferred Taxes	Net_Plant	(1,147,835)	(588,167)	(157,059)	(187,628)	(25,800)	(110,837)	(5,222)	(3,929)
9 New Mexico NOL Valuation Allowance	Net_Plant	1,741,662	892,452	238,312	284,696	39,147	168,177	7,924	5,962
10 STATE TAXABLE INCOME		191,457,683	97,507,718	25,890,562	31,199,933	4,270,914	18,800,987	921,578	645,156
11 State Tax Factor		5.57%							
12 STATE INCOME TAX		10,666,670	5,432,441	1,442,439	1,738,240	237,945	1,047,458	51,344	35,944
13									
14 PLUS:									
15 Amortization of Excess Deferred Taxes	Net_Plant	(1,147,835)	(588,167)	(157,059)	(187,628)	(25,800)	(110,837)	(5,222)	(3,929)
16 New Mexico NOL Valuation Allowance	Net_Plant	1,741,662	892,452	238,312	284,696	39,147	168,177	7,924	5,962
17 NET ALLOWABLE STATE INCOME TAX		11,260,496	5,736,726	1,523,693	1,835,308	251,293	1,104,799	54,045	37,976
18									
19									
20 REVENUE TAX:									
21									
22 SALES REVENUE INCL FUEL		927,905,042	461,578,962	120,129,623	152,957,096	20,470,688	95,312,051	5,207,255	2,907,667
23 Revenue Tax Rate-I&S Fee		0.508573%							
24 REVENUE TAX		4,719,075	2,347,466	610,947	777,898	104,108	484,731	26,483	14,788
25									
26									
27									
28									
29									
30 TOTAL OPERATING REVENUE		947,336,704	470,863,852	122,659,102	156,354,022	20,932,835	97,393,965	5,317,193	2,972,993
31 LESS:									
32 OPERATING EXPENSES BEFORE INCOME TAXES									
33 Operation and Maintenance Exp Excl Fuel		361,893,074	186,274,253	46,647,400	56,831,536	7,513,538	35,775,437	1,965,298	1,072,703
34 Operation and Maintenance Fuel Expense		140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
35 Depreciation and Amortization Expense		131,311,805	70,630,131	17,765,387	20,018,048	2,809,825	11,379,850	492,141	444,760
36 General Taxes		37,944,740	19,650,302	5,275,475	6,098,058	852,002	3,365,247	161,760	135,435
37 Revenue Tax		4,159,030	1,933,481	569,197	757,639	132,553	429,531	26,298	10,959
38 Other Allowable Expenses		18,160,549	8,909,500	2,445,929	3,125,997	396,783	1,975,075	108,384	50,451
39 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES		694,455,936	341,943,462	88,488,095	115,206,588	15,329,244	72,570,090	4,104,187	2,118,079
40 LESS:									
41 Net Allowable Federal Income Tax		62,313,020	31,736,772	8,426,622	10,154,238	1,391,553	6,114,076	299,331	210,416
42 Net Allowable State Income Tax		11,260,496	5,736,726	1,523,693	1,835,308	251,293	1,104,799	54,045	37,976
43									
44 NET OPERATING INCOME		179,307,252	91,446,892	24,220,693	29,157,888	3,960,745	17,605,000	859,630	606,522
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
FEDERAL, STATE AND REVENUE TAX CALCULATION - REQUESTED REVENUE INCREASE BY								
1 STATE INCOME TAX								
2								
3 NET OPERATING INCOME BEFORE INCOME TAXES	3,804,330	1,115,079	5,294,921	41,936	3,062,632	516,892	320,819	1,936,662
4 LESS:								
5 Interest on Long Term Debt	884,567	259,649	1,232,386	9,762	712,850	119,877	74,537	449,898
6 PLUS:								
7 Permanent and Flow-Through Differences	(44,318)	(10,202)	(49,308)	(373)	(28,562)	(5,985)	(2,713)	(23,245)
8 Amortization of Excess Deferred Taxes	(17,002)	(4,802)	(22,342)	(175)	(12,964)	(1,925)	(1,280)	(8,704)
9 New Mexico NOL Valuation Allowance	25,798	7,287	33,900	266	19,671	2,920	1,943	13,207
10 STATE TAXABLE INCOME	2,884,242	847,712	4,024,785	31,891	2,327,927	392,026	244,231	1,468,022
11 State Tax Factor								
12 STATE INCOME TAX	160,690	47,229	224,233	1,777	129,696	21,841	13,607	81,788
13								
14 PLUS:								
15 Amortization of Excess Deferred Taxes	(17,002)	(4,802)	(22,342)	(175)	(12,964)	(1,925)	(1,280)	(8,704)
16 New Mexico NOL Valuation Allowance	25,798	7,287	33,900	266	19,671	2,920	1,943	13,207
17 NET ALLOWABLE STATE INCOME TAX	169,486	49,713	235,791	1,868	136,402	22,837	14,269	86,291
18								
19								
20 REVENUE TAX:								
21								
22 SALES REVENUE INCL FUEL	14,295,144	4,928,032	24,301,172	202,886	13,955,804	2,210,138	1,912,832	7,535,692
23 Revenue Tax Rate-I&S Fee								
24 REVENUE TAX	72,701	25,063	123,589	1,032	70,975	11,240	9,728	38,324
25								
26								
27								
28								
29								
30 TOTAL OPERATING REVENUE	14,628,895	5,027,201	24,815,235	207,221	14,250,202	2,278,567	1,942,787	7,692,633
31 LESS:								
32 OPERATING EXPENSES BEFORE INCOME TAXES								
33 Operation and Maintenance Exp Excl Fuel	5,036,725	1,881,515	9,127,871	78,391	5,254,124	745,040	1,045,159	2,644,085
34 Operation and Maintenance Fuel Expense	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
35 Depreciation and Amortization Expense	1,802,833	489,302	2,144,678	18,276	1,248,756	214,398	196,886	1,656,532
36 General Taxes	500,291	152,908	694,138	5,725	403,799	57,235	89,703	502,662
37 Revenue Tax	57,227	25,063	104,459	1,150	47,969	9,752	14,830	38,923
38 Other Allowable Expenses	210,614	109,582	474,164	4,049	272,500	7,578	15,146	54,798
39 TOTAL OPERATING EXPENSES BEFORE INCOME TAXES	10,809,090	3,912,123	19,501,184	165,403	11,164,564	1,760,187	1,627,069	5,756,570
40 LESS:								
41 Net Allowable Federal Income Tax	941,914	274,903	1,307,316	10,349	756,065	129,109	79,633	480,724
42 Net Allowable State Income Tax	169,486	49,713	235,791	1,868	136,402	22,837	14,269	86,291
43								
44 NET OPERATING INCOME	2,708,405	790,462	3,770,944	29,601	2,193,172	366,434	221,816	1,369,049
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PNM EXHIBIT SAV-4
Page 182 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
total_Labor	281,336	163,805	37,124	35,898	4,980	21,427	1,052	822
rans_3S1W	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Prod_Plant	0	0	0	0	0	0	0	0
et_Plant	(5,367,827)	(2,750,550)	(734,482)	(877,436)	(120,652)	(518,325)	(24,421)	(18,375)
et_Plant	0	0	0	0	0	0	0	0
et_Plant	0	0	0	0	0	0	0	0
et_Plant	0	0	0	0	0	0	0	0
et_Plant	69,708	35,719	9,538	11,395	1,567	6,731	317	239
et_Plant	2,212,348	1,133,638	302,717	361,635	49,727	213,628	10,065	7,573
et_Prod_Plant	342,346	167,800	46,292	58,546	7,127	38,228	2,097	938
et_Prod_Plant	335,533	164,461	45,371	57,381	6,985	37,468	2,055	920
et_Plant	(22,053)	(11,300)	(3,018)	(3,605)	(496)	(2,129)	(100)	(75)
rans_3S1W	0	0	0	0	0	0	0	0
	(2,148,609)	(1,096,427)	(296,457)	(356,187)	(50,762)	(202,973)	(8,935)	(7,959)
total_Labor	(22,252)	(12,956)	(2,936)	(2,839)	(394)	(1,695)	(83)	(65)
total_Labor	(113,762)	(66,236)	(15,012)	(14,516)	(2,014)	(8,664)	(426)	(332)
	(136,013)	(79,192)	(17,948)	(17,355)	(2,407)	(10,359)	(509)	(397)
et_Prod_Plant	(106,438)	(52,170)	(14,393)	(18,202)	(2,216)	(11,886)	(652)	(292)
et_Prod_Plant	(69,794)	(34,209)	(9,438)	(11,936)	(1,453)	(7,794)	(427)	(191)
et_Prod_Plant	0	0	0	0	0	0	0	0
rans_3S1W	0	0	0	0	0	0	0	0
et_Prod_Plant	(443,750)	(217,503)	(60,004)	(75,887)	(9,238)	(49,552)	(2,718)	(1,216)
et_Plant	0	0	0	0	0	0	0	0
	(619,982)	(303,883)	(83,835)	(106,026)	(12,907)	(69,231)	(3,797)	(1,699)
	(755,995)	(383,075)	(101,783)	(123,381)	(15,315)	(79,590)	(4,306)	(2,097)

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

INCOME TAX ADJUSTMENTS

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
Total_Labor	3,166	1,013	4,563	39	2,656	221	1,022	3,549
Trans_3S1W	0	0	0	0	0	0	0	0
Net_Prod_Plant	0	0	0	0	0	0	0	0
Net_Prod_Plant	0	0	0	0	0	0	0	0
Net_Plant	(79,511)	(22,458)	(104,480)	(821)	(60,626)	(9,000)	(5,987)	(40,703)
Net_Plant	0	0	0	0	0	0	0	0
Net_Plant	0	0	0	0	0	0	0	0
Net_Plant	0	0	0	0	0	0	0	0
Net_Plant	1,033	292	1,357	11	787	117	78	529
Net_Plant	32,770	9,256	43,061	338	24,987	3,709	2,468	16,776
Net_Prod_Plant	3,711	2,157	9,181	78	5,348	0	199	644
Net_Prod_Plant	3,637	2,114	8,998	76	5,241	0	195	631
Net_Plant	(327)	(92)	(429)	(3)	(249)	(37)	(25)	(167)
Trans_3S1W	0	0	0	0	0	0	0	0
	(35,521)	(7,718)	(37,750)	(282)	(21,855)	(4,990)	(2,051)	(18,742)

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
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CAPITAL STRUCTURE

1	Percent of Total:	
2	Long-Term Debt	50.00%
3	Preferred Stock	0.39%
4	Common Equity	49.61%
5	Total	100.00%
6		
7	Cost of Capital:	
8	Long-Term Debt	4.93%
9	Preferred Stock	4.62%
10	Common Equity	10.12500%
11		
12	Weighted Cost of Capital:	
13	Long-Term Debt	2.4657494%
14	Preferred Stock	0.0181680%
15	Common Equity	5.0226837%
16		
17	Total Weighted Cost of Capital	7.5066011%
18		
19		
20	TAX RATES:	
21		
22	State Tax Rate	5.5712937%
23	State Tax Factor (Rate/1-Rate)	5.9000000%
24		
25	Federal Tax Rate	35.00000000%
26	Federal Tax Factor (Rate/1-Rate)	53.846154%
27	1 - INCREMENTAL TAX RATE	61.3787%
28		(0.3862)
29	Revenue Tax Factor (I&S Fee)	0.508573000%
30		
31		
32	Present Revenue Tax Factor (I&S Fee)	0.508573%

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PUBLIC SERVICE COMPANY OF NEW MEXICO
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NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B			Schedule 6	
	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	Universities 115 kV	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
		9	10	11	12	13	14	15

CAPITAL STRUCTURE

- 1 Percent of Total:
2 Long-Term Debt
3 Preferred Stock
4 Common Equity
5 Total
6
7 Cost of Capital:
8 Long-Term Debt
9 Preferred Stock
10 Common Equity
11
12 Weighted Cost of Capital:
13 Long-Term Debt
14 Preferred Stock
15 Common Equity
16
17 Total Weighted Cost of Capital
18
19
20 TAX RATES:
21
22 State Tax Rate
23 State Tax Factor (Rate/1-Rate)
24
25 Federal Tax Rate
26 Federal Tax Factor (Rate/1-Rate)
27 1 - INCREMENTAL TAX RATE
28
29 Revenue Tax Factor (I&S Fee)
30
31
32 Present Revenue Tax Factor (I&S Fee)
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PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
REVENUE REQUIREMENTS USED IN UNBUNDLED REVENUES									
1	@ EXISTING RATES								
2									
3	RATE BASE	2,381,200,287	1,212,704,725	322,102,405	388,160,071	53,142,425	233,791,548	11,449,194	8,028,844
4	NET OPERATING INCOME (PRESENT RATES)	126,948,530	49,415,509	20,910,598	28,991,418	7,480,185	12,644,521	908,193	211,900
5	RATE OF RETURN (PRES RATES)	5.33%	4.07%	6.49%	7.47%	14.08%	5.41%	7.93%	2.64%
6	RELATIVE RATE OF RETURN	1.00	0.76	1.22	1.40	2.64	1.01	1.49	0.50
7	NON-FUEL SALES REVENUE (PRE RATES)	691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210	1,798,513
8	REVENUE PRESENT RATES \$/KWH	\$0.0864	\$0.1049	\$0.1070	\$0.0749	\$0.1084	\$0.0603	\$0.0560	\$0.0768
9	REVENUE REQUIRED - \$/MO/CUST	\$109.59	\$59.15	\$154.49	\$3,029.36	\$2,048.86	\$24,494.55	\$0.00	\$448.51
10									
11	@ REQUESTED ROR								
12									
13									
14	CLAIMED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
15	RETURN REQUIRED FOR CLAIMED ROR	178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
16	NON-FUEL SALES REVENUE REQ CLAIMED ROR	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
17	REVENUE DEFICIENCY SALES REV	100,127,177	77,236,797	7,024,839	2,363,815	(5,818,662)	9,428,667	(67,778)	720,170
18	PERCENT INCREASE REQUIRED	14.48%	23.25%	7.17%	1.92%	-25.56%	14.13%	-1.72%	40.04%
19	ANNUAL BOOKED KWH SALES	8,003,347,464	3,164,862,106	915,396,797	1,641,925,784	210,125,160	1,106,704,902	70,596,567	23,427,777
20	SALES REVENUE REQUIRED \$/KWH	\$0.0989	\$0.1294	\$0.1147	\$0.0763	\$0.0807	\$0.0688	\$0.0550	\$0.1075
21	REVENUE DEFICIENCY \$/KWH	\$0.0125	\$0.0244	\$0.0077	\$0.0014	(\$0.0277)	\$0.0085	(\$0.0010)	\$0.0307
22									
23									
24	REQUESTED REVENUE INCREASE BY CLASS								
25									
26	PROPOSED NON-FUEL SALES REVENUES	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
27	REVENUE DEFICIENCY SALES REVENUE	100,127,177	77,236,797	7,024,839	2,363,815	(5,818,662)	9,428,667	(67,778)	720,170
28	PERCENT INCREASE PROPOSED	14.48%	23.25%	7.17%	1.92%	-25.56%	14.13%	-1.72%	40.04%
29	PROPOSED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
30	RETURN REQUIRED FOR PROPOSED REV	178,747,208	91,032,907	24,178,943	29,137,628	3,989,190	17,549,799	859,445	602,693
31	ANNUAL BOOKED KWH SALES	8,003,347,464	3,164,862,106	915,396,797	1,641,925,784	210,125,160	1,106,704,902	70,596,567	23,427,777
32	SALES REVENUE REQUIRED \$/KWH	\$0.0989	\$0.1294	\$0.1147	\$0.0763	\$0.0807	\$0.0688	\$0.0550	\$0.1075
33	REVENUE DEFICIENCY \$/KWH	\$0.0125	\$0.0244	\$0.0077	\$0.0014	(\$0.0277)	\$0.0085	(\$0.0010)	\$0.0307
34									
35									
36									
37	WORKING SECTION								
38									
39									
40	ANNUAL CUSTOMERS	6,310,001	5,615,569	633,896	40,601	11,113	2,724	24	4,010
41	REVENUE REQUIRED - \$/MO/CUST	51,285	\$72.90	\$165.57	\$3,087.58	\$1,525.27	\$27,955.89	\$0.00	\$628.11
42	REV DEFIC PER BILLING UNIT	(494)	\$13.75	\$11.08	\$58.22	(\$523.59)	\$3,461.33	(\$2,824.08)	\$179.60
43									
44	(Revenue Requirements)								
45	Non-Fuel Revenue	691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210	1,798,513
46									
47	Non-Fuel Revenue - Proposed	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streettlighting Schedule 20 Streettlighting 15
REVENUE REQUIREMENTS USED IN UNBUNDLED REVENUES								
1 @ EXISTING RATES								
2								
3 RATE BASE	35,874,163	10,530,237	49,980,198	395,909	28,910,092	4,861,667	3,022,902	18,245,906
4 NET OPERATING INCOME (PRESENT RATES)	1,176,390	850,318	1,936,794	45,898	(225,564)	257,974	814,717	1,529,680
5 RATE OF RETURN (PRES RATES)	3.28%	8.08%	3.88%	11.59%	-0.78%	5.31%	26.95%	8.38%
6 RELATIVE RATE OF RETURN	0.62	1.51	0.73	2.17	-0.15	1.00	5.06	1.57
7 NON-FUEL SALES REVENUE (PRE RATES)	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780	6,905,774
8 REVENUE PRESENT RATES \$/KWH	\$0.0496	\$0.0596	\$0.0390	\$0.0518	\$0.0283	\$0.0000	\$0.1734	\$0.1385
9 REVENUE REQUIRED - \$/MO/CUST	\$4,249.51	\$0.00	\$0.00	\$14,470.16	\$0.00	\$0.00	\$0.00	\$0.00
10								
11 @ REQUESTED ROR								
12								
13								
14 CLAIMED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
15 RETURN REQUIRED FOR CLAIMED ROR	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
16 NON-FUEL SALES REVENUE REQ CLAIMED ROR	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
17 REVENUE DEFICIENCY SALES REV	2,803,405	(94,695)	3,286,954	(27,536)	4,253,710	220,384	(1,011,566)	(191,327)
18 PERCENT INCREASE REQUIRED	33.52%	-2.50%	23.18%	-15.86%	72.89%	17.29%	-37.90%	-2.77%
19 ANNUAL BOOKED KWH SALES	168,508,457	63,683,882	363,666,494	3,354,394	205,855,705	0	15,388,500	49,850,940
20 SALES REVENUE REQUIRED \$/KWH	\$0.0663	\$0.0581	\$0.0480	\$0.0436	\$0.0490	\$0.0000	\$0.1077	\$0.1347
21 REVENUE DEFICIENCY \$/KWH	\$0.0166	(\$0.0015)	\$0.0090	(\$0.0082)	\$0.0207	\$0.0000	(\$0.0657)	(\$0.0038)
22								
23								
24 REQUESTED REVENUE INCREASE BY CLASS								
25								
26 PROPOSED NON-FUEL SALES REVENUES	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
27 REVENUE DEFICIENCY SALES REVENUE	2,803,405	(94,695)	3,286,954	(27,536)	4,253,710	220,384	(1,011,566)	(191,327)
28 PERCENT INCREASE PROPOSED	33.52%	-2.50%	23.18%	-15.86%	72.89%	17.29%	-37.90%	-2.77%
29 PROPOSED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
30 RETURN REQUIRED FOR PROPOSED REV	2,692,930	790,463	3,751,814	29,719	2,170,165	364,946	226,917	1,369,647
31 ANNUAL BOOKED KWH SALES	168,508,457	63,683,882	363,666,494	3,354,394	205,855,705	0	15,388,500	49,850,940
32 SALES REVENUE REQUIRED \$/KWH	\$0.0663	\$0.0581	\$0.0480	\$0.0436	\$0.0490	\$0.0000	\$0.1077	\$0.1347
33 REVENUE DEFICIENCY \$/KWH	\$0.0166	(\$0.0015)	\$0.0090	(\$0.0082)	\$0.0207	\$0.0000	(\$0.0657)	(\$0.0038)
34								
35								
36								
37 WORKING SECTION								
38								
39								
40 ANNUAL CUSTOMERS	1,968	12	12	12	48	12	0	0
41 REVENUE REQUIRED - \$/MO/CUST	\$5,674.01	\$0.00	\$0.00	\$12,175.47	\$0.00	\$0.00	\$0.00	\$0.00
42 REV DEFIC PER BILLING UNIT	\$1,424.49	\$0.00	\$0.00	(\$2,294.69)	\$0.00	\$0.00	\$0.00	\$0.00
43								
44 (Revenue Requirements)								
45 Non-Fuel Revenue	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780	6,905,774
46								
47 Non-Fuel Revenue - Proposed	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
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PNM EXHIBIT SAV-4
Page 188 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
			Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
	ALLOCATION	Total	Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
		PNM	1	2	3	4	5	(Mines, Multi Volt)	7
		Consolidated							
1	OPERATION AND MAINTENANCE WAGE AND SALARIES EXPENSE								
2									
3	PRODUCTION	OPRODEXP	26,616,587	13,046,083	3,599,128	4,551,807	554,124	163,012	72,961
4	TRANSMISSION	TRANEXP	2,800,025	1,354,351	373,134	472,590	57,512	16,958	7,554
5									
6	DISTRIBUTION								
7	Operation								
8	580-Supervision and Engineering	_EXP58189	915,173	520,056	164,850	114,924	23,269	45,987	6,003
9	581-Load Dispatching	_OX581	0	0	0	0	0	0	0
10	582-Station Equipment	_OX582	9,731	4,511	1,324	1,578	269	1,058	48
11	583-Overhead Line Expenses	_OX583	1,801,297	938,778	275,590	328,483	55,909	132,268	9,893
12	584-Underground Line Expenses	_OX584	473,174	246,603	72,393	86,288	14,686	34,745	2,599
13	585-Street Lighting and Signal Systems Expenses	_OX585	83,502	0	0	0	0	0	0
14	586-Meter Expenses	_OX586	2,636,980	1,659,661	580,363	208,537	56,422	74,370	20,622
15	587-Customer Installations Expenses	CUST371	0	0	0	0	0	0	0
16	588-Miscellaneous Distribution Expenses	_OX588	3,465,522	1,859,902	497,324	554,649	95,637	250,106	17,551
17	589-Rents	_OX589	0	0	0	0	0	0	0
18	Total Operation Expense		9,385,379	5,229,511	1,571,844	1,294,459	246,192	538,535	56,715
19	Maintenance								
20	590-Maintenance of Supervision and Engineering	_EXP59198	41,441	18,400	5,397	6,160	1,060	2,759	194
21	591-Maintenance of Structures	_MX591	0	0	0	0	0	0	0
22	592-Maintenance of Station Equipment	_MX592	690,902	320,239	94,010	112,053	19,072	5,819	3,375
23	593-Maintenance of Overhead Lines	_MX593	404,600	210,865	61,902	73,783	12,558	29,710	2,222
24	594-Maintenance of Underground Lines	_MX594	365,454	190,463	55,913	66,644	11,343	26,835	2,007
25									
26	596-Maintenance of Street Lighting & Signal Systems	_MX596	577,376	0	0	0	0	0	0
27	597-Maintenance of Meters	_MX597	218,275	137,378	46,384	17,262	4,670	6,156	1,707
28	598-Maintenance of Miscellaneous Distribution Plant	_MX598	0	0	0	0	0	0	0
29	Total Maintenance Expense		2,298,048	877,345	263,606	275,901	48,704	140,598	9,505
30	TOTAL DISTRIBUTION		11,683,427	6,106,856	1,835,450	1,570,360	294,896	679,133	66,219
31	TOTAL PRODUCTION, TRANSMISSION, & DISTRIBUTION		41,100,039	20,507,289	5,807,713	6,594,757	906,531	3,959,773	146,735
32									
33	CUSTOMER ACCOUNTING	CAEXP	8,156,795	7,270,374	819,165	48,125	13,830	413	5,134
34	CUSTOMER SERVICE & INFORMATION	CSIEXP	640,664	505,699	65,834	29,086	4,197	18,075	693
35	SALES	SALESEXP	3,712,415	2,930,339	381,484	168,544	24,319	104,739	4,014
36	TOTAL CA, CS&I, AND SALES		12,509,874	10,706,412	1,266,483	245,755	42,345	123,227	9,840
37									
38	TOTAL WAGES AND SALARIES EXCLUDING A&G		53,609,913	31,213,701	7,074,196	6,840,512	948,876	4,083,000	156,575
39									
40	ADMINISTRATIVE AND GENERAL	SALWAGESX	3,866,275	2,251,090	510,182	493,329	68,432	294,460	11,292
41									
42	TOTAL O&M WAGES AND SALARIES EXPENSE		57,476,188	33,464,792	7,584,377	7,333,841	1,017,308	4,377,460	167,867
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PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
WAGES AND SALARIES ALLOCATON FACTOR								
1 OPERATION AND MAINTENANCE WAGE AND SALARIES EXPENSE								
2								
3 PRODUCTION	OPRODEXP	288,488	167,715	713,780	6,033	415,782	0	15,451
4 TRANSMISSION	TRANEXP	29,912	17,382	74,145	625	43,170	37,331	50,054
5								5,265
6 DISTRIBUTION								
7 Operation								
8 580-Supervision and Engineering	_EXP58189	20,312	58	989	58	747	58	3,965
9 581-Load Dispatching	_OX581	0	0	0	0	0	0	13,507
10 582-Station Equipment	_OX582	348	0	279	0	154	0	0
11 583-Overhead Line Expenses	_OX583	43,502	0	0	0	0	0	62
12 584-Underground Line Expenses	_OX584	11,427	0	0	0	0	0	12,892
13 585-Street Lighting and Signal Systems Expenses	_OX585	0	0	0	0	0	0	3,387
14 586-Meter Expenses	_OX586	53,730	328	328	328	1,310	328	63,806
15 587-Customer Installations Expenses	CUST371	0	0	0	0	0	0	0
16 588-Miscellaneous Distribution Expenses	_OX588	83,985	19	18,031	19	10,047	19	66,272
17 589-Rents	_OX589	0	0	0	0	0	0	0
18 Total Operation Expense		213,304	405	19,627	405	12,259	405	159,926
19 Maintenance								
20 590-Maintenance of Supervision and Engineering	_EXP59198	924	0	188	0	104	0	4,745
21 591-Maintenance of Structures	_MX591	0	0	0	0	0	0	0
22 592-Maintenance of Station Equipment	_MX592	24,712	0	19,780	0	10,948	0	4,398
23 593-Maintenance of Overhead Lines	_MX593	9,771	0	0	0	0	0	2,896
24 594-Maintenance of Underground Lines	_MX594	8,826	0	0	0	0	0	2,616
25								
26 596-Maintenance of Street Lighting & Signal Systems	_MX596	0	0	0	0	0	0	441,186
27 597-Maintenance of Meters	_MX597	4,447	27	27	27	108	27	0
28 598-Maintenance of Miscellaneous Distribution Plant	_MX598	0	0	0	0	0	0	0
29 Total Maintenance Expense		48,681	27	19,995	27	11,161	27	455,840
30 TOTAL DISTRIBUTION		261,985	432	39,621	432	23,419	432	615,766
31 TOTAL PRODUCTION, TRANSMISSION, & DISTRIBUTION		580,386	185,530	827,546	7,091	482,371	37,764	671,085
32								
33 CUSTOMER ACCOUNTING	CAEXP	2,043	(183)	(1,088)	6	(563)	(100)	(136)
34 CUSTOMER SERVICE & INFORMATION	CSIEXP	3,069	1,140	6,323	54	3,582	661	781
35 SALES	SALESEXP	17,786	6,608	36,638	310	20,758	3,830	4,527
36 TOTAL CA, CS&I, AND SALES		22,898	7,565	41,872	370	23,778	4,391	5,172
37								
38 TOTAL WAGES AND SALARIES EXCLUDING A&G		603,284	193,095	869,418	7,461	506,149	42,155	676,257
39								
40 ADMINISTRATIVE AND GENERAL	SALWAGESX	43,508	13,926	62,701	538	36,503	3,040	48,771
41								
42 TOTAL O&M WAGES AND SALARIES EXPENSE		646,792	207,021	932,119	7,999	542,652	45,195	725,028
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PNM EXHIBIT SAV-4
Page 190 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION FACTOR TABLE

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
CP_3S1W	1,705,680	836,037	230,644	291,695	35,510	190,467	10,446	4,676
rans_3S1W	1,653,216	799,648	220,309	279,031	33,957	182,130	10,013	4,460
CP	1,894,609	850,907	249,795	297,736	50,676	199,649	15,463	8,967
CP_Sub	1,835,795	850,907	249,795	297,736	50,676	199,649	15,463	8,967
CP_Pri	1,738,686	850,907	249,795	297,736	50,676	199,649	0	8,967
CP_Sec	1,473,374	850,907	249,795	297,736	50,676	0	0	8,967
VGDEMAND	995,899	396,657	114,728	205,785	26,335	135,439	8,473	2,936
nergy	8,763,937,804	3,474,714,683	1,005,017,781	1,802,676,843	230,697,248	1,186,446,585	74,222,504	25,721,450
nergy1	8,763,937,804	3,474,714,683	1,005,017,781	1,802,676,843	230,697,248	1,186,446,585	74,222,504	25,721,450
nergy2	8,697,077,771	3,474,714,683	1,005,017,781	1,802,676,843	230,697,248	1,186,446,585	74,222,504	25,721,450
nergy4	7,161,364,736	2,770,631,819	801,777,853	1,441,312,473	184,107,233	997,857,409	68,588,213	20,509,415

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

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ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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ALLOCATION FACTOR TABLE

2	DEMAND RELATED									
3	<u>DEMAND - PRODUCTION RELATED</u>									
4	Production 4CP - 3CP Summer, 1CP Winter	_4CP_3S1W	18,487	10,748	45,741	387	26,645	0	990	3,208
5										
6										
7										
8										
9										
10										
11										
12	<u>DEMAND - TRANSMISSION RELATED</u>									
13	Transmission Demand (based on 3S1W)	Trans_3S1W	17,661	10,263	43,777	369	25,489	22,041	960	3,109
14										
15										
16	<u>DEMAND - DISTRIBUTION RELATED</u>									
17	Max Non Coincident Peak	NCP	65,663	21,309	52,557	805	29,089	36,700	3,607	11,686
18	Max Non Coincident Peak - Substation Level	NCP_Sub	65,663	0	52,557	0	29,089	0	3,607	11,686
19	Max Non Coincident Peak - Primary Level	NCP_Pri	65,663	0	0	0	0	0	3,607	11,686
20	Max Non Coincident Peak - Secondary Level	NCP_Sec	0	0	0	0	0	0	3,607	11,686
21										
22	Average Demand	AVGDEMAND	20,622	7,632	43,876	402	24,836	0	1,929	6,248
23										
24										
25										
26										
27	ENERGY RELATED									
28										
29	Energy - kWh at Generation (used for Base Fuel Items)	Energy	180,650,038	66,860,033	384,355,619	3,521,690	217,566,915	39,859,775	16,895,095	54,731,545
30	Energy - kWh at Generation (used for Other Fuel Items)	Energy1	180,650,038	66,860,033	384,355,619	3,521,690	217,566,915	39,859,775	16,895,095	54,731,545
31	Energy - kWh at Generation (excludes transmission cust)	Energy2	180,650,038	0	384,355,619	3,521,690	217,566,915	39,859,775	16,895,095	54,731,545
32										
33	Energy - kWh at Meter (Non-renewable only)	Energy4	162,613,829	63,683,882	353,320,791	2,936,542	199,999,455	36,886,181	13,478,136	43,661,504
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PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION FACTOR TABLE CONTINUED

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
ALLOCATION			Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7	
ALLOCATION FACTOR TABLE CONTINUED			Total PNM Consolidated							
1	CUSTOMER RELATED									
2										
3	CUSTOMER RELATED - DISTRIBUTION									
4	Annual Customers (Bills)	Annual_Customers	6,310,001	5,615,569	633,896	40,601	11,113	2,724	24	4,010
5										
6										
7	Number of Meters		527,594	469,581	52,959	3,398	919	227	2	336
8	Marginal Capital Cost for Meters		94,044	117	352	2,040	2,040	10,888	10,888	2,040
9	Customer Weighted Meter Costs	Wtd_Meters	87,637,082	55,156,984	18,623,032	6,930,489	1,875,114	2,471,592	21,776	685,346
10										
11	Number of Services		120,605	107,951	12,532	0	0	0	0	0
12	Marginal Capital Cost for Secondary Service		782	568	214	0	0	0	0	0
13	Customer Weighted Service Costs	Wtd_Services	64,038,391	61,360,428	2,677,963	0	0	0	0	0
14										
15	Installation on Customer Premises - Direct Assignment	CUST371	12,278	0	0	0	0	0	0	0
16	Street Lighting and Signal Systems - Direct Assignment	CUST373	10,735,759	0	0	0	0	0	0	0
17										
18	Customer Deposit Percentages	Customer_Deposits	\$ 928,187.68	\$601,074	\$107,007	\$195,135	\$24,972	\$ -	\$ -	\$ -
19										
20	902-Meter Reading Expenses	CUST902	6,310,001	5,615,569	633,896	40,601	11,113	2,724	24	4,010
21	903-Customer Records and Collection Expenses	CUST903	6,310,001	5,615,569	633,896	40,601	11,113	2,724	24	4,010
22										
23	904-Uncollectible Percentages		100.000%	89.715%	2.413%	4.398%	0.563%	2.911%	0.000%	0.000%
24	904 - Uncollectible Expense	_EXP904	3,477,919	3,120,223	83,907	152,965	19,576	101,249	0	0
25										
26	Annual Number of Customers	Annual_Customers	0.8000	0.711958	0.080367	0.005148	0.001409	0.000345	0.000003	0.000508
27	Annual kWh @ Meter	ENERGY4	0.2000	0.077377	0.022392	0.040252	0.005142	0.027868	0.001916	0.000573
28	Weighted Customer/Energy Allocation Factor	CUSTEXP	1.0000	0.789335	0.102759	0.045400	0.006551	0.028213	0.001919	0.001081
29										
30	Dedicated Facilities-FERC	DFERC	0	0	0	0	0	0	0	0
31										
32	Streetlight Energy - kWh at generation	St_Lights	71,626,640	0	0	0	0	0	0	0

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION FACTOR TABLE CONTINUED

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial				Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B		Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power	Large Service	Lg Power Service	Special Service Rate		Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.		Lighting	Streetlighting
		10	11		12	13		14	15
Annual_Customers	1,968	12	12	12	48	12		0	0
	164	1	1	1	4	1		0	0
	10,888	10,888	10,888	10,888	10,888	10,888		0	352
Wtd_Meters	1,785,643	10,888	10,888	10,888	43,552	10,888		0	0
	0	0	0	0	0	0		0	122
	0	0	0	0	0	0		0	0
Wtd_Services	0	0	0	0	0	0		0	0
UST371	0	0	0	0	0	0		12,278	0
UST373	0	0	0	0	0	0		0	10,735,759
Customer_Deposits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UST902	1,968	12	12	12	48	12		0	0
UST903	1,968	12	12	12	48	12		0	0
	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%		0.000%	0.000%
EXP904	0	0	0	0	0	0		0	0
Annual_Customers	0.000250	0.000002	0.000002	0.000002	0.000006	0.000002		0.000000	0.000000
ENERGY4	0.004541	0.001779	0.009867	0.000082	0.005586	0.001030		0.000376	0.001219
USTEXP	0.004791	0.001780	0.009869	0.000084	0.005592	0.001032		0.000376	0.001219
FERC	0	0	0	0	0	0		0	0
_Lights	0	0	0	0	0	0		16,895,095	54,731,545

PNMTOTALFTY.xlsx

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
	ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7	
ALLOCATION FACTOR TABLE CONTINUED										
1	INTERNALLY DEVELOPED									
2										
3										
4	Total Net Plant	Net_Plant	2,720,021,940	1,393,777,463	372,181,866	444,620,593	61,137,662	262,649,236	12,374,632	9,310,983
5										
6	Net Production Plant	Net_Prod_Plant	1,414,557,486	693,343,368	191,278,245	241,909,027	29,449,294	157,958,077	8,663,368	3,877,585
7	Net Transmission Plant	Net_Trans_Plant	321,669,068	155,588,827	42,865,949	54,291,498	6,606,986	35,437,265	1,948,157	867,771
8	Net Distribution Plant	Net_Dist_Plant	827,035,497	443,859,419	118,684,639	132,365,231	22,823,547	59,687,074	1,273,868	4,188,407
9	Net Distribution Substations	Net_Dist_Sub	150,145,189	69,593,599	20,430,084	24,351,137	4,144,639	16,328,812	1,264,645	733,402
10	Total Net Transmission & Distribution Plant	Net_TD_Plant	1,148,704,565	599,448,246	161,550,589	186,656,729	29,430,533	95,124,339	3,222,025	5,056,178
11	Net General and Intangible Plant	Net_GI_Plant	156,759,889	100,985,849	19,353,033	16,054,837	2,257,836	9,566,821	489,240	377,220
12										
13	Secondary Net Distribution Plant	Net_Dist_Sec	207,740,458	119,974,862	35,220,142	41,979,785	7,145,090	0	0	1,264,338
14	Primary & Secondary Net Distribution Plant	Net_Dist_Pri_Sec	576,218,806	300,306,882	88,158,894	105,078,832	17,884,743	42,311,472	0	3,164,741
15										
16	Account 370 - Meters	_PLT370	37,116,821	23,360,567	7,887,389	2,935,261	794,165	1,046,790	9,223	290,264
17	Account 371 - Installations on Customer Premises	_PLT371	12,278	0	0	0	0	0	0	0
18	Account 373 - Street Lighting and Signal Systems	_PLT373	10,735,759	0	0	0	0	0	0	0
19										
20	Distribution Substations	PLTDSUB	15,746	7,718	2,129	2,693	328	1,758	96	43
21										
22										
23	Accounts 369 & 370 - Services and Meters	_PLT36970	89,923,465	73,958,938	10,095,662	2,935,261	794,165	1,046,790	9,223	290,264
24	Accounts 371 & 373 - Lighting	_PLT37173	10,748,037	0	0	0	0	0	0	0
25										
26										
27	Account 582-Station Equipment	_OX582	152,685	70,771	20,776	24,763	4,215	16,605	1,286	746
28	Account 583-Overhead Line Expenses	_OX583	1,886,382	983,122	288,608	343,999	58,550	138,516	0	10,360
29	Account 584-Underground Line Expenses	_OX584	498,832	259,975	76,319	90,967	15,483	36,629	0	2,740
30	Account 585-Street Lighting and Signal Systems Expenses	_OX585	84,117	0	0	0	0	0	0	0
31	Account 586-Meter Expenses	_OX586	3,054,955	1,922,726	649,183	241,591	65,365	86,158	759	23,891
32										
33	Account 588-Miscellaneous Distribution Expenses	_OX588	5,405,376	2,900,997	775,705	865,119	149,171	390,106	8,326	27,375
34	Account 589-Rents	_OX589	335,728	180,181	48,179	53,733	9,265	24,229	517	1,700
35	Accounts 581-587, 589	_EXP58189	6,012,699	3,416,775	1,083,065	755,052	152,877	302,137	2,562	39,437
36										
37	Account 591-Maintenance of Structures	_MX591	41,539	22,293	5,961	6,648	1,146	2,998	64	210
38	Account 592-Maintenance of Station Equipment	_MX592	1,002,889	464,848	136,462	162,653	27,684	109,068	8,447	4,899
39	Account 593-Maintenance of Overhead Lines	_MX593	2,918,805	1,521,188	446,564	532,271	90,594	214,326	0	16,031
40	Account 594-Maintenance of Underground Lines	_MX594	1,293,634	674,201	197,920	235,906	40,152	94,991	0	7,105
41										
42	Account 596-Maintenance of Street Lighting & Signal Systems	_MX596	978,291	0	0	0	0	0	0	0
43	Account 597-Maintenance of Meters	_MX597	229,901	144,695	48,854	18,181	4,919	6,484	57	1,798
44	Account 598-Maintenance of Miscellaneous Distribution Plant	_MX598	468,198	251,276	67,189	74,934	12,921	33,790	721	2,371
45	Accounts 591-598	_EXP59198	6,933,257	3,078,501	902,951	1,030,593	177,416	461,657	9,289	32,414
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PNM EXHIBIT SAV-4
Page 195 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetslighting Schedule 20 Streetslighting 15
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ALLOCATION FACTOR TABLE CONTINUED

1	INTERNALLY DEVELOPED									
2										
3										
4	Total Net Plant	Net_Plant	40,290,369	11,380,015	52,942,865	415,840	30,720,603	4,560,632	3,033,857	20,625,322
5										
6	Net Production Plant	Net_Prod_Plant	15,331,922	8,913,330	37,934,321	320,641	22,097,009	0	821,160	2,660,141
7	Net Transmission Plant	Net_Trans_Plant	3,436,368	1,996,910	8,517,818	71,847	4,959,404	4,288,639	186,727	604,902
8	Net Distribution Plant	Net_Dist_Plant	20,042,712	4,611	4,303,135	4,611	2,397,576	4,611	1,580,395	15,815,661
9	Net Distribution Substations	Net_Dist_Subs	5,370,449	0	4,298,524	0	2,379,130	0	295,028	955,740
10	Total Net Transmission & Distribution Plant	Net_TD_Plant	23,479,080	2,001,521	12,820,953	76,459	7,356,980	4,293,250	1,767,122	16,420,563
11	Net General and Intangible Plant	Net_GI_Plant	1,479,368	465,164	2,187,591	18,741	1,266,615	267,382	445,576	1,544,618
12										
13	Secondary Net Distribution Plant	Net_Dist_Sec	0	0	0	0	0	0	508,608	1,647,634
14	Primary & Secondary Net Distribution Plant	Net_Dist_Pri_Sec	13,915,991	0	0	0	0	0	1,273,089	4,124,162
15										
16	Account 370 - Meters	_PLT370	756,271	4,611	4,611	4,611	18,446	4,611	0	0
17	Account 371 - Installations on Customer Premises	_PLT371	0	0	0	0	0	0	12,278	0
18	Account 373 - Street Lighting and Signal Systems	_PLT373	0	0	0	0	0	0	0	10,735,759
19										
20	Distribution Substations	PLTDSUB	171	99	422	4	246	0	9	30
21										
22										
23	Accounts 369 & 370 - Services and Meters	_PLT36970	756,271	4,611	4,611	4,611	18,446	4,611	0	0
24	Accounts 371 & 373 - Lighting	_PLT37173	0	0	0	0	0	0	12,278	10,735,759
25										
26										
27	Account 582-Station Equipment	_OX582	5,461	0	4,371	0	2,419	0	300	972
28	Account 583-Overhead Line Expenses	_OX583	45,557	0	0	0	0	0	4,168	13,501
29	Account 584-Underground Line Expenses	_OX584	12,047	0	0	0	0	0	1,102	3,570
30	Account 585-Street Lighting and Signal Systems Expenses	_OX585	0	0	0	0	0	0	19,841	64,275
31	Account 586-Meter Expenses	_OX586	62,246	380	380	380	1,518	380	0	0
32										
33	Account 588-Miscellaneous Distribution Expenses	_OX588	130,996	30	28,125	30	15,670	30	10,329	103,369
34	Account 589-Rents	_OX589	8,136	2	1,747	2	973	2	642	6,420
35	Accounts 581-587, 589	_EXP58189	133,448	381	6,498	381	4,911	381	26,053	88,739
36										
37	Account 591-Maintenance of Structures	_MX591	1,007	0	216	0	120	0	79	794
38	Account 592-Maintenance of Station Equipment	_MX592	35,872	0	28,712	0	15,891	0	1,971	6,384
39	Account 593-Maintenance of Overhead Lines	_MX593	70,491	0	0	0	0	0	6,449	20,891
40	Account 594-Maintenance of Underground Lines	_MX594	31,242	0	0	0	0	0	2,858	9,259
41										
42	Account 596-Maintenance of Street Lighting & Signal Systems	_MX596	0	0	0	0	0	0	230,757	747,534
43	Account 597-Maintenance of Meters	_MX597	4,684	29	29	29	114	29	0	0
44	Account 598-Maintenance of Miscellaneous Distribution Plant	_MX598	11,346	3	2,436	3	1,357	3	895	8,953
45	Accounts 591-598	_EXP59198	154,642	31	31,393	31	17,483	31	243,008	793,815
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PNM EXHIBIT SAV-4
Page 196 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION FACTOR TABLE CONTINUED

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
ALLOCATION			Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
ALLOCATION FACTOR TABLE CONTINUED										
1	INTERNALLY DEVELOPED									
2										
3	Total O&M Other Production Expense	OPRODEXP	17,877,415	8,762,590	2,417,407	3,057,287	372,185	1,996,301	109,489	49,006
4	Total O&M Transmission Expense	TRANEXP	35,923,394	17,375,866	4,787,188	6,063,172	737,856	3,957,567	217,566	96,911
5	Total O&M Distribution Expense	DISTEXP	21,244,433	10,943,746	3,244,075	3,031,998	553,151	1,311,974	22,120	116,737
6	Total O&M Customer Accounts Expense	CAEXP	12,330,139	10,990,189	1,238,283	72,748	20,906	625	(277)	7,760
7	Total O&M Customer Service & Information Expense	CSIEXP	916,785	723,650	94,208	41,622	6,006	25,865	1,759	991
8	Total O&M Sales Expense	SALESEXP	4,374,461	3,452,916	449,515	198,601	28,655	123,417	8,393	4,730
9										
10	Total O&M less Fuel & Purchased Power	OMXFPP	321,954,522	170,822,585	42,175,927	48,793,413	6,486,782	30,210,439	1,582,785	958,323
11										
12	Net Customer General & Intangible Plant	GI_Cust_NP	44,248,660	34,927,021	4,546,943	2,008,889	289,856	1,248,394	84,893	47,840
13										
14	Net General & Intangible Production Plant	GI_Prod_NP	42,907,963	21,031,278	5,802,069	7,337,859	893,289	4,791,364	262,787	117,619
15	Net General & Intangible Transmission Plant	GI_Trans_NP	15,826,809	7,655,304	2,109,097	2,671,258	325,078	1,743,589	95,854	42,696
16	Net General & Intangible Distribution/Customer Plant	GI_DistCust_NP	53,776,457	37,372,246	6,894,924	4,036,830	749,613	1,783,473	45,706	169,064
17										
18										
19										
20	TOU Meter Counts	TOU_meters	13,405	452	3,682	4,287	4,287	235	2	266
21										
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION FACTOR TABLE CONTINUED

Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
8	Universities 115 kV	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
9	10	11	12	13	14	15	
193,767	112,648	479,420	4,052	279,266	0	10,378	33,619
383,767	223,011	951,254	8,024	553,857	478,947	20,853	67,554
483,382	581	71,820	581	41,752	581	315,799	1,106,136
3,088	(277)	(1,645)	10	(851)	(151)	(64)	(206)
4,392	1,632	9,048	77	5,126	946	345	1,118
20,958	7,787	43,171	365	24,460	4,513	1,647	5,334
4,129,836	1,526,353	7,157,420	62,014	4,138,737	539,328	969,992	2,400,587
211,992	78,765	436,687	3,696	247,421	45,650	16,656	53,955
465,065	270,369	1,150,667	9,726	670,272	0	24,908	80,690
169,077	98,252	419,095	3,535	244,013	211,010	9,187	29,762
633,234	17,777	181,142	1,783	104,910	10,722	394,824	1,380,210
171	4	14	2	3	0	0	0

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
ALLOCATION			Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
ALLOCATION FACTOR TABLE CONTINUED										
1	INTERNALLY DEVELOPED CONTINUED									
2										
3	PRODUCTION WAGES AND SALARIES	Prod_Labor	26,616,587	13,046,083	3,599,128	4,551,807	554,124	2,972,170	163,012	72,961
4	TRANSMISSION WAGES AND SALARIES	Trans_Labor	2,800,025	1,354,351	373,134	472,590	57,512	308,470	16,958	7,554
5	DISTRIBUTION WAGES AND SALARIES	Dist_Labor	11,683,427	6,106,856	1,835,450	1,570,360	294,896	679,133	12,394	66,219
6	CUSTOMER ACCOUNTING WAGES AND SALARIES	Cust_Acct_Labor	8,156,795	7,270,374	819,165	48,125	13,830	413	(183)	5,134
7	CUSTOMER SERVICE & INFORMATION WAGES & SALARIES	Cust_Svc_Labor	640,664	505,699	65,834	29,086	4,197	18,075	1,229	693
8	SALES WAGES & SALARIES	Sales_Labor	3,712,415	2,930,339	381,484	168,544	24,319	104,739	7,122	4,014
9	DISTRIBUTION AND CUSTOMER SERVICES WAGES & SALARIES	DistCust_Labor	24,193,301	16,813,268	3,101,933	1,816,115	337,241	802,360	20,563	76,060
10	DIST. & CUST SVCS. WAGES & SALARIES EXCLUDING SCH 20	DistCust_Labor_X20	23,572,363	16,813,268	3,101,933	1,816,115	337,241	802,360	20,563	76,060
11	TOTAL O&M WAGE & SALARIES EXCL A&G	SALWAGESX	53,609,913	31,213,701	7,074,196	6,840,512	948,876	4,083,000	200,532	156,575
12	TOTAL O&M WAGE & SALARIES	Total_Labor	57,476,188	33,464,792	7,584,377	7,333,841	1,017,308	4,377,460	214,994	167,867
13										
14	Total Injuries and Damages	IBNR	(6,249,325)	(3,638,591)	(824,641)	(797,401)	(110,611)	(475,957)	(23,376)	(18,252)
15	Total Property Tax Expense	Prop_Tax	26,561,156	13,959,335	3,663,090	4,277,682	599,317	2,281,253	109,820	94,076
16	Total Regulatory Asset & Liabilities	Reg_Exp	143,169,995	70,463,590	19,388,934	24,390,202	3,017,349	15,765,289	855,082	401,500
17	Total Federal Taxable Income	Fed_Tax_Inc	180,197,187	91,770,992	24,366,869	29,364,625	4,019,622	17,696,188	867,533	607,180
18	Total Prepayments (excluding Transmission Customers)	Prepayments	40,088,081	19,756,435	5,436,880	6,816,508	852,648	4,359,705	232,354	116,273
19	Step-up Transf & Aux	Step_Up	9,219,716	4,459,505	1,228,629	1,556,109	189,370	1,015,707	55,838	24,872
20										
21										
22										
23										
24										
25	ADIT Allocation: Asset Retirement Obligation	_MDC1	6,539,143	3,229,438	888,555	1,112,562	139,674	709,589	37,656	19,137
26	ADIT Allocation: PLACEHOLDER	_MDC2	0	0	0	0	0	0	0	0
27	ADIT Allocation: PLACEHOLDER	_MDC3	0	0	0	0	0	0	0	0
28	ADIT Allocation: PLACEHOLDER	_MDC4	0	0	0	0	0	0	0	0
29	ADIT Allocation: PLACEHOLDER	_MDC5	0	0	0	0	0	0	0	0
30	ADIT Allocation: PLACEHOLDER	_MDC6	0	0	0	0	0	0	0	0
31	ADIT Allocation: PLACEHOLDER	_MDC7	0	0	0	0	0	0	0	0
32	ADIT Allocation: PLACEHOLDER	_MDC8	0	0	0	0	0	0	0	0
33	ADIT Allocation: PLACEHOLDER	_MDC9	0	0	0	0	0	0	0	0
34	ADIT Allocation: PLACEHOLDER	_MDC10	0	0	0	0	0	0	0	0
35	ADIT Allocation: PLACEHOLDER	_MDC11	0	0	0	0	0	0	0	0
36	ADIT Allocation: PLACEHOLDER	_MDC12	0	0	0	0	0	0	0	0
37	ADIT Allocation: PLACEHOLDER	_MDC13	0	0	0	0	0	0	0	0
38	ADIT Allocation: PLACEHOLDER	_MDC14	0	0	0	0	0	0	0	0
39	ADIT Allocation: PLACEHOLDER	_MDC15	0	0	0	0	0	0	0	0
40	ADIT Allocation: PLACEHOLDER	_MDC16	0	0	0	0	0	0	0	0
41	ADIT Allocation: PLACEHOLDER	_MDC17	0	0	0	0	0	0	0	0
42	ADIT Allocation: PLACEHOLDER	_MDC18	0	0	0	0	0	0	0	0
43	ADIT Allocation: PLACEHOLDER	_MDC19	0	0	0	0	0	0	0	0
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Schedule 20 Streetlighting
	8	9	10	11	12	13	14	15
od_Labor	288,488	167,715	713,780	6,033	415,782	0	15,451	50,054
ans_Labor	29,912	17,382	74,145	625	43,170	37,331	1,625	5,265
st_Labor	261,985	432	39,621	432	23,419	432	176,030	615,766
ist_Acct_Labor	2,043	(183)	(1,088)	6	(563)	(100)	(42)	(136)
ist_Svc_Labor	3,069	1,140	6,323	54	3,582	661	241	781
ales_Labor	17,786	6,608	36,638	310	20,758	3,830	1,397	4,527
stCust_Labor	284,883	7,998	81,493	802	47,197	4,824	177,626	620,938
stCust_Labor_X20	284,883	7,998	81,493	802	47,197	4,824	177,626	0
ALWAGESX	603,284	193,095	869,418	7,461	506,149	42,155	194,703	676,257
tal_Labor	646,792	207,021	932,119	7,999	542,652	45,195	208,744	725,028
NR	(70,325)	(22,509)	(101,348)	(870)	(59,002)	(4,914)	(22,697)	(78,831)
op_Tax	336,022	103,280	471,195	3,819	273,863	46,072	34,301	308,030
g_Exp	1,606,920	872,578	3,732,641	31,485	2,169,545	24,825	94,217	365,839
d_Tax_Inc	2,714,756	797,999	3,788,994	30,024	2,191,524	369,189	229,962	1,381,731
epayments	471,661	234,524	1,012,922	8,452	589,637	49,105	27,019	123,957
ep_Up	98,494	57,236	244,139	2,059	142,147	122,921	5,352	17,338

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION FACTOR TABLE CONTINUED

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1	REVENUE RELATED								
2									
3	SCHEDULE 1	REV SCH1	409,380,632	409,380,632	0	0	0	0	0
4	SCHEDULE 2	REV SCH2	104,955,863	0	104,955,863	0	0	0	0
5	SCHEDULE 3	REV SCH3	142,309,938	0	0	125,359,685	16,950,253	0	0
6	SCHEDULE 4	REV SCH4	76,151,831	0	0	0	76,151,831	0	0
7	SCHEDULE 5	REV SCH5	3,883,432	0	0	0	0	3,883,432	0
8	SCHEDULE 10	REV SCH10	2,518,683	0	0	0	0	0	2,518,683
9	SCHEDULE 11	REV SCH11	11,166,445	0	0	0	0	0	0
10	SCHEDULE 15	REV SCH15	3,699,342	0	0	0	0	0	0
11	SCHEDULE 30	REV SCH30	17,468,888	0	0	0	0	0	0
12	SCHEDULE 33	REV SCH33	146,106	0	0	0	0	0	0
13	SCHEDULE 34	REV SCH34	10,089,364	0	0	0	0	0	0
14	SCHEDULE 6	REV SCH6	3,152,409	0	0	0	0	0	0
15	SCHEDULE 20	REV SCH20	6,714,447	0	0	0	0	0	0
16	TNMP Mining - Rates 9 & 11	REV SCH911	0	0	0	0	0	0	0
17	SCHEDULES 2-30 - NON-RESIDENTIAL	REV SCHNR	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432
18			791,637,380						2,518,683
19	SALES REVENUE	SALES REV	832,496,940	387,115,114	113,838,859	151,592,521	26,421,732	86,055,197	5,254,359
20	SALES REVENUE - CLAIMED	REV CLAIM	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432
21									2,518,683
22	Total Revenue Requirement before Revenue Credits	RR_lessRevCredits	942,617,630	468,516,386	122,048,155	155,576,124	20,828,727	96,909,234	5,290,711
23									2,958,206
24									
25	REVENUES FROM SALES								
26									
27									
28	TOTAL SALES OF ELECTRICITY REVENUE		691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210
29	FUEL REVENUE	FUEL REV	0	0	0	0	0	0	0
30	NON-FUEL REVENUE	NF REV	691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210
31	CURRENT FUEL REVENUES	FUEL REV	140,986,737	54,971,279	15,907,835	28,596,650	3,652,817	19,332,032	1,303,149
32									406,921
33									
34	REVENUE REQUIREMENT BILLING DETERMINANTS INPUT								
35									
36	CLAIMED RATE OF RETURN		7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
37	ANNUAL CUSTOMERS		6,310,001	5,615,569	633,896	40,601	11,113	2,724	24
38	ANNUAL KWH SALES @ METER (excl 36B)	ENERGY3	8,003,347,464	3,164,862,106	915,396,797	1,641,925,784	210,125,160	1,106,704,902	70,596,567
39									23,427,777
40	PROPOSED SALES REVENUES EXCL FUEL		791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432
41			791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432
42			0	0	0	0	0	0	0
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
ALLOCATION FACTOR TABLE CONTINUED								
1 REVENUE RELATED								
2								
3 SCHEDULE 1	REVSCH1	0	0	0	0	0	0	0
4 SCHEDULE 2	REVSCH2	0	0	0	0	0	0	0
5 SCHEDULE 3	REVSCH3	0	0	0	0	0	0	0
6 SCHEDULE 4	REVSCH4	0	0	0	0	0	0	0
7 SCHEDULE 5	REVSCH5	0	0	0	0	0	0	0
8 SCHEDULE 10	REVSCH10	0	0	0	0	0	0	0
9 SCHEDULE 11	REVSCH11	11,166,445	0	0	0	0	0	0
10 SCHEDULE 15	REVSCH15	0	3,699,342	0	0	0	0	0
11 SCHEDULE 30	REVSCH30	0	0	17,468,888	0	0	0	0
12 SCHEDULE 33	REVSCH33	0	0	0	146,106	0	0	0
13 SCHEDULE 34	REVSCH34	0	0	0	0	10,089,364	0	0
14 SCHEDULE 6	REVSCH6	0	0	0	0	1,495,195	1,657,214	0
15 SCHEDULE 20	REVSCH20	0	0	0	0	0	0	6,714,447
16 TNMP Mining - Rates 9 & 11	REVSCH911	0	0	0	0	0	0	0
17 SCHEDULES 2-30 - NON-RESIDENTIAL	REVSNR	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214
18								
19 SALES REVENUE	SALESREV	11,513,446	5,002,293	20,930,194	229,356	9,655,549	1,974,643	2,936,196
20 SALES REVENUE - CLAIMED	REVCLAIM	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214
21								
22 Total Revenue Requirement before Revenue Credits	RR_lessRevCredits	14,556,194	5,002,139	24,691,645	206,189	14,179,227	2,267,327	1,933,059
23								
24								
25								
26 REVENUES FROM SALES								
27								
28 TOTAL SALES OF ELECTRICITY REVENUE		8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780
29 FUEL REVENUE	FUELREV	0	0	0	0	0	0	0
30 NON-FUEL REVENUE	NFREV	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780
31 CURRENT FUEL REVENUES	FUELREV	3,150,406	1,208,257	6,748,260	55,714	3,819,895	699,831	267,416
32								
33								
34 REVENUE REQUIREMENT BILLING DETERMINANTS INPUT								
35								
36 CLAIMED RATE OF RETURN		7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
37 ANNUAL CUSTOMERS		1,968	12	12	12	48	12	0
38 ANNUAL KWH SALES @ METER (excl 36B)	ENERGY3	168,508,457	63,683,882	363,666,494	3,354,394	205,855,705	0	15,388,500
39								
40 PROPOSED SALES REVENUES EXCL FUEL		11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214
41		11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214
42		0	0	0	0	0	0	0
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PNM EXHIBIT SAV-4
Page 202 of 268

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Schedule 5 Mines Industrial Power (Mines, Multi Volt)	Schedule 10 Irrigation	
			Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5			
ALLOCATION			Total PNM Consolidated							
RATIO TABLE										
1	DEMAND RELATED									
2										
3	<u>DEMAND - PRODUCTION RELATED</u>									
4	Production 4CP - 3CP Summer, 1CP Winter	_4CP_3S1W	1.00000000	0.49014860	0.13522126	0.17101392	0.02081873	0.11166607	0.00612444	0.00274120
5										
6			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7										
8			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9										
10			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11										
12	<u>DEMAND - TRANSMISSION RELATED</u>									
13	Transmission Demand (based on 3S1W)	Trans_3S1W	1.00000000	0.48369223	0.13326102	0.16878060	0.02053970	0.11016684	0.00605640	0.00269771
14										
15										
16	<u>DEMAND - DISTRIBUTION RELATED</u>									
17	Max Non Coincident Peak	NCP	1.00000000	0.44912015	0.13184492	0.15714932	0.02674730	0.10537749	0.00816135	0.00473299
18	Max Non Coincident Peak - Substation Level	NCP_Sub	1.00000000	0.46350869	0.13606885	0.16218393	0.02760421	0.10875348	0.00842281	0.00488462
19	Max Non Coincident Peak - Primary Level	NCP_Pri	1.00000000	0.48939652	0.14366855	0.17124221	0.02914596	0.11482757	0.00000000	0.00515744
20	Max Non Coincident Peak - Secondary Level	NCP_Sec	1.00000000	0.57752285	0.16953916	0.20207804	0.03439431	0.00000000	0.00000000	0.00608614
21										
22	Average Demand	AVGDEMAND	1.00000000	0.39829019	0.11520046	0.20663236	0.02644374	0.13599679	0.00850778	0.00294833
23										
24										
25										
26										
27	ENERGY RELATED									
28										
29	Energy - kWh at Generation (used for Base Fuel Items)	Energy	1.00000000	0.39647870	0.11467651	0.20569256	0.02632347	0.13537825	0.00846908	0.00293492
30	Energy - kWh at Generation (used for Other Fuel Items)	Energy1	1.00000000	0.39647870	0.11467651	0.20569256	0.02632347	0.13537825	0.00846908	0.00293492
31	Energy - kWh at Generation (excludes transmission cust)	Energy2	1.00000000	0.39952669	0.11555810	0.20727386	0.02652583	0.13641899	0.00853419	0.00295748
32										
33	Energy - kWh at Meter (Non-renewable only)	Energy4	1.00000000	0.38688601	0.11195881	0.20126226	0.02570840	0.13933900	0.00957753	0.00286390
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
RATIO TABLE								
DEMAND RELATED								
<u>DEMAND - PRODUCTION RELATED</u>								
Production 4CP - 3CP Summer, 1CP Winter	_4CP_3S1W	0.01083867	0.00630114	0.02681709	0.00022667	0.01562115	0.00000000	0.00058051
		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
<u>DEMAND - TRANSMISSION RELATED</u>								
Transmission Demand (based on 3S1W)	Trans_3S1W	0.01068293	0.00620796	0.02648007	0.00022336	0.01541772	0.01333246	0.00058050
<u>DEMAND - DISTRIBUTION RELATED</u>								
Max Non Coincident Peak	NCP	0.03465803	0.01124721	0.02774039	0.00042468	0.01535364	0.01937075	0.00190395
Max Non Coincident Peak - Substation Level	NCP_Sub	0.03576837	0.00000000	0.02862912	0.00000000	0.01584553	0.00000000	0.00196495
Max Non Coincident Peak - Primary Level	NCP_Pri	0.03776610	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00207469
Max Non Coincident Peak - Secondary Level	NCP_Sec	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00244829
Average Demand	AVGDEMAND	0.02070706	0.00766385	0.04405688	0.00040367	0.02493867	0.00000000	0.00193661
ENERGY RELATED								
Energy - kWh at Generation (used for Base Fuel Items)	Energy	0.02061288	0.00762899	0.04385650	0.00040184	0.02482525	0.00454816	0.00192780
Energy - kWh at Generation (used for Other Fuel Items)	Energy1	0.02061288	0.00762899	0.04385650	0.00040184	0.02482525	0.00454816	0.00192780
Energy - kWh at Generation (excludes transmission cust)	Energy2	0.02077135	0.00000000	0.04419365	0.00040493	0.02501609	0.00458312	0.00194262
Energy - kWh at Meter (Non-renewable only)	Energy4	0.02270710	0.00889270	0.04933708	0.00041005	0.02792756	0.00515072	0.00188206

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

RATIO TABLE CONTINUED

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1 CUSTOMER RELATED									
2									
3 CUSTOMER RELATED - DISTRIBUTION									
4 Annual Customers (Bills)	Annual_Customers	1.00000000	0.88994739	0.10045892	0.00643443	0.00176117	0.00043170	0.00000380	0.00063549
5									
6									
7 Number of Meters									
8 Marginal Capital Cost for Meters									
9 Customer Weighted Meter Costs	Wtd_Meters	1.00000000	0.62937952	0.21250174	0.07908169	0.02139636	0.02820258	0.00024848	0.00782027
10									
11 Number of Services									
12 Marginal Capital Cost for Secondary Service									
13 Customer Weighted Service Costs	Wtd_Services	1.00000000	0.95818191	0.04181809	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14									
15 Installation on Customer Premises - Direct Assignment	CUST371	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16 Street Lighting and Signal Systems - Direct Assignment	CUST373	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17									
18 Customer Deposit Percentages	Customer_Deposits	1.00000000	0.64757759	0.11528574	0.21023223	0.02690443	0.00000000	0.00000000	0.00000000
19									
20 902-Meter Reading Expenses	CUST902	1.00000000	0.88994739	0.10045892	0.00643443	0.00176117	0.00043170	0.00000380	0.00063549
21 903-Customer Records and Collection Expenses	CUST903	1.00000000	0.88994739	0.10045892	0.00643443	0.00176117	0.00043170	0.00000380	0.00063549
22									
23 904-Uncollectible Percentages									
24 904 - Uncollectible Expense	_EXP904	1.00000000	0.89715242	0.02412554	0.04398168	0.00562855	0.02911181	0.00000000	0.00000000
25									
26 Annual Number of Customers	Annual_Customers								
27 Annual kWh @ Meter	ENERGY4								
28 Weighted Customer/Energy Allocation Factor	CUSTEXP	1.00000000	0.78933511	0.10275889	0.04540000	0.00655062	0.02821316	0.00191855	0.00108117
29									
30 Dedicated Facilities-FERC	DFERC	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31									
32 Streetlight Energy - kWh at generation	St_Lights	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33									
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PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

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ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
RATIO TABLE CONTINUED								
CUSTOMER RELATED								
CUSTOMER RELATED - DISTRIBUTION								
Annual Customers (Bills)	Annual_Customers	0.00031189	0.00000190	0.00000190	0.00000190	0.00000761	0.00000190	0.00000000
Number of Meters								
Marginal Capital Cost for Meters								
Customer Weighted Meter Costs	Wtd_Meters	0.02037543	0.00012424	0.00012424	0.00012424	0.00049696	0.00012424	0.00000000
Number of Services								
Marginal Capital Cost for Secondary Service								
Customer Weighted Service Costs	Wtd_Services	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Installation on Customer Premises - Direct Assignment	CUST371	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000
Street Lighting and Signal Systems - Direct Assignment	CUST373	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
Customer Deposit Percentages	Customer_Deposits	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
902-Meter Reading Expenses	CUST902	0.00031189	0.00000190	0.00000190	0.00000190	0.00000761	0.00000190	0.00000000
903-Customer Records and Collection Expenses	CUST903	0.00031189	0.00000190	0.00000190	0.00000190	0.00000761	0.00000190	0.00000000
904-Uncollectible Percentages								
904 - Uncollectible Expense	_EXP904	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Annual Number of Customers	Annual_Customers							
Annual kWh @ Meter	ENERGY4							
Weighted Customer/Energy Allocation Factor	CUSTEXP	0.00479093	0.00178006	0.00986894	0.00008353	0.00559160	0.00103167	0.00037641
Dedicated Facilities-FERC	DFERC	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Streetlight Energy - kWh at generation	St_Lights	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.23587725	0.76412275

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
			Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
			Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
			1	2	3	4	5	(Mines, Multi Volt)	7
	ALLOCATION	Total PNM Consolidated							
1	RATIO TABLE CONTINUED								
2	INTERNALLY DEVELOPED								
3									
4	Total Net Plant	Net_Plant	1.00000000	0.51241405	0.13683046	0.16346213	0.02247690	0.09656144	0.00342313
5									
6	Net Production Plant	Net_Prod_Plant	1.00000000	0.49014860	0.13522126	0.17101392	0.02081873	0.11166607	0.00274120
7	Net Transmission Plant	Net_Trans_Plant	1.00000000	0.48369223	0.13326102	0.16878060	0.02053970	0.11016684	0.00269771
8	Net Distribution Plant	Net_Dist_Plant	1.00000000	0.53668727	0.14350610	0.16004782	0.02759682	0.07216991	0.00154028
9	Net Distribution Substations	Net_Dist_Subs	1.00000000	0.46350869	0.13606885	0.16218393	0.02760421	0.10875348	0.00842281
10	Total Net Transmission & Distribution Plant	Net_TD_Plant	1.00000000	0.52184719	0.14063720	0.16249324	0.02562063	0.08281010	0.00280492
11	Net General and Intangible Plant	Net_GI_Plant	1.00000000	0.64420720	0.12345653	0.10241674	0.01440315	0.06102850	0.00312095
12									
13	Secondary Net Distribution Plant	Net_Dist_Sec	1.00000000	0.57752285	0.16953916	0.20207804	0.03439431	0.00000000	0.00000000
14	Primary & Secondary Net Distribution Plant	Net_Dist_Pri_Sec	1.00000000	0.52116814	0.15299552	0.18235926	0.03103811	0.07342952	0.00000000
15									
16	Account 370 - Meters	_PLT370	1.00000000	0.62937952	0.21250174	0.07908169	0.02139636	0.02820258	0.00024848
17	Account 371 - Installations on Customer Premises	_PLT371	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	Account 373 - Street Lighting and Signal Systems	_PLT373	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19									
20	Distribution Substations	PLTDSUB	1.00000000	0.49014860	0.13522126	0.17101392	0.02081873	0.11166607	0.00612444
21									
22									
23	Accounts 369 & 370 - Services and Meters	_PLT36970	1.00000000	0.82246539	0.11226949	0.03264177	0.00883158	0.01164090	0.00010256
24	Accounts 371 & 373 - Lighting	_PLT37173	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25									
26			1.00000000	0.56825989	0.18012960	0.12557630	0.02542572	0.05024986	0.00042614
27	Account 582-Station Equipment	_OX582	1.00000000	0.46350869	0.13606885	0.16218393	0.02760421	0.10875348	0.00842281
28	Account 583-Overhead Line Expenses	_OX583	1.00000000	0.52116814	0.15299552	0.18235926	0.03103811	0.07342952	0.00000000
29	Account 584-Underground Line Expenses	_OX584	1.00000000	0.52116814	0.15299552	0.18235926	0.03103811	0.07342952	0.00000000
30	Account 585-Street Lighting and Signal Systems Expenses	_OX585	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	Account 586-Meter Expenses	_OX586	1.00000000	0.62937952	0.21250174	0.07908169	0.02139636	0.02820258	0.00024848
32			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	Account 588-Miscellaneous Distribution Expenses	_OX588	1.00000000	0.53668727	0.14350610	0.16004782	0.02759682	0.07216991	0.00154028
34	Account 589-Rents	_OX589	1.00000000	0.53668727	0.14350610	0.16004782	0.02759682	0.07216991	0.00154028
35	Accounts 581-587, 589	_EXP58189	1.00000000	0.56825989	0.18012960	0.12557630	0.02542572	0.05024986	0.00042614
36									
37	Account 591-Maintenance of Structures	_MX591	1.00000000	0.53668727	0.14350610	0.16004782	0.02759682	0.07216991	0.00154028
38	Account 592-Maintenance of Station Equipment	_MX592	1.00000000	0.46350869	0.13606885	0.16218393	0.02760421	0.10875348	0.00842281
39	Account 593-Maintenance of Overhead Lines	_MX593	1.00000000	0.52116814	0.15299552	0.18235926	0.03103811	0.07342952	0.00000000
40	Account 594-Maintenance of Underground Lines	_MX594	1.00000000	0.52116814	0.15299552	0.18235926	0.03103811	0.07342952	0.00000000
41			0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	Account 596-Maintenance of Street Lighting & Signal Systems	_MX596	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	Account 597-Maintenance of Meters	_MX597	1.00000000	0.62937952	0.21250174	0.07908169	0.02139636	0.02820258	0.00024848
44	Account 598-Maintenance of Miscellaneous Distribution Plant	_MX598	1.00000000	0.53668727	0.14350610	0.16004782	0.02759682	0.07216991	0.00154028
45	Accounts 591-598	_EXP59198	1.00000000	0.44401950	0.13023476	0.14864486	0.02558917	0.06658581	0.00133983
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streetlighting
			10	11	12	13	14	15
et_Plant	0.01481252	0.00418380	0.01946413	0.00015288	0.01129425	0.00167669	0.00111538	0.00758278
et_Prod_Plant	0.01083867	0.00630114	0.02681709	0.00022667	0.01562115	0.00000000	0.00058051	0.00188055
et_Trans_Plant	0.01068293	0.00620796	0.02648007	0.00022336	0.01541772	0.01333246	0.00058050	0.00188051
et_Dist_Plant	0.02423440	0.00000558	0.00520308	0.00000558	0.00289900	0.00000558	0.00191091	0.01912332
et_Dist_Sub	0.03576837	0.00000000	0.02862912	0.00000000	0.01584553	0.00000000	0.00196495	0.00636544
et_TD_Plant	0.02043962	0.00174242	0.01116123	0.00006656	0.00640459	0.00373747	0.00153836	0.01429485
et_GI_Plant	0.00943716	0.00296737	0.01395504	0.00011955	0.00807997	0.00170568	0.00284241	0.00985340
et_Dist_Sec	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00244829	0.00793121
et_Dist_Pri_Sec	0.02415053	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00220938	0.00715728
PLT370	0.02037543	0.00012424	0.00012424	0.00012424	0.00049696	0.00012424	0.00000000	0.00000000
PLT371	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000
PLT373	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
PLTDSUB	0.01083867	0.00630114	0.02681709	0.00022667	0.01562115	0.00000000	0.00058051	0.00188055
PLT36970	0.00841017	0.00005128	0.00005128	0.00005128	0.00020513	0.00005128	0.00000000	0.00000000
PLT37173	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00114428	0.99885762
OX582	0.02219431	0.00006344	0.00108065	0.00006344	0.00081675	0.00006344	0.00433293	0.01475862
OX583	0.03576837	0.00000000	0.02862912	0.00000000	0.01584553	0.00000000	0.00196495	0.00636544
OX584	0.02415053	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00220938	0.00715728
OX585	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00220938	0.00715728
OX586	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.23587725	0.76412275
OX587	0.02037543	0.00012424	0.00012424	0.00012424	0.00049696	0.00012424	0.00000000	0.00000000
OX588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
OX589	0.02423440	0.00000558	0.00520308	0.00000558	0.00289900	0.00000558	0.00191091	0.01912332
EXP58189	0.02219431	0.00006344	0.00108065	0.00006344	0.00081675	0.00006344	0.00433293	0.01475862
MX591	0.02423440	0.00000558	0.00520308	0.00000558	0.00289900	0.00000558	0.00191091	0.01912332
MX592	0.03576837	0.00000000	0.02862912	0.00000000	0.01584553	0.00000000	0.00196495	0.00636544
MX593	0.02415053	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00220938	0.00715728
MX594	0.02415053	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00220938	0.00715728
MX595	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
MX596	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.23587725	0.76412275
MX597	0.02037543	0.00012424	0.00012424	0.00012424	0.00049696	0.00012424	0.00000000	0.00000000
MX598	0.02423440	0.00000558	0.00520308	0.00000558	0.00289900	0.00000558	0.00191091	0.01912332
EXP59198	0.02230436	0.00000453	0.00452783	0.00000453	0.00252166	0.00000453	0.03504963	0.11449387

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

RATIO TABLE CONTINUED

2	INTERNALLY DEVELOPED									
3	Total O&M Other Production Expense	OPRODEXP	1.00000000	0.49014860	0.13522126	0.17101392	0.02081873	0.11166607	0.00612444	0.00274120
4	Total O&M Transmission Expense	TRANEXP	1.00000000	0.48369223	0.13326102	0.16878060	0.02053970	0.11016684	0.00605640	0.00269771
5	Total O&M Distribution Expense	DISTEXP	1.00000000	0.51513477	0.15270236	0.14271965	0.02603745	0.06175611	0.00104124	0.00549495
6	Total O&M Customer Accounts Expense	CAEXP	1.00000000	0.89132729	0.10042737	0.00590002	0.00169548	0.00005067	-0.00002246	0.00062938
7	Total O&M Customer Service & Information Expense	CSIEXP	1.00000000	0.78933511	0.10275889	0.04540000	0.00655062	0.02821316	0.00191855	0.00108117
8	Total O&M Sales Expense	SALESEXP	1.00000000	0.78933511	0.10275889	0.04540000	0.00655062	0.02821316	0.00191855	0.00108117
9										
10	Total O&M less Fuel & Purchased Power	OMXFPP	1.00000000	0.53057986	0.13099964	0.15155374	0.02014813	0.09383449	0.00491618	0.00297658
11										
12	Net Customer General & Intangible Plant	GI_Cust_NP	1.00000000	0.78933511	0.10275889	0.04540000	0.00655062	0.02821316	0.00191855	0.00108117
13										
14	Net General & Intangible Production Plant	GI_Prod_NP	1.00000000	0.49014860	0.13522126	0.17101392	0.02081873	0.11166607	0.00612444	0.00274120
15	Net General & Intangible Transmission Plant	GI_Trans_NP	1.00000000	0.48369223	0.13326102	0.16878060	0.02053970	0.11016684	0.00605640	0.00269771
16	Net General & Intangible Distribution/Customer Plant	GI_DistCust_NP	1.00000000	0.69495552	0.12821454	0.07506687	0.01393942	0.03316457	0.00084993	0.00314383
17										
18										
19										
20	TOU Meter Counts	TOU_meters	1.00000000	0.03371876	0.27467363	0.31980604	0.31980604	0.01753077	0.00014920	0.01984334
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial			Private Lighting	Streetlighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	
ALLOCATION	Water & Sewage	Industrial Power	Industrial Power	Large Service	Lg Power Service	Special Service Rate	Private Area	Schedule 20
	8	9	(Manuf, 12.5 kV)	for Station Power	>= 3,000 kW	Renew. Energy Res.	Lighting	Streelighting
			10	11	12	13	14	15
PRODEXP	0.01083867	0.00630114	0.02681709	0.00022667	0.01562115	0.00000000	0.00058051	0.00188055
RANEXP	0.01068293	0.00620796	0.02648007	0.00022336	0.01541772	0.01333246	0.00058050	0.00188051
STEXP	0.02275333	0.00002733	0.00338067	0.00002733	0.00196533	0.00002733	0.01486501	0.05206712
CAEXP	0.00025046	-0.00002249	-0.00013342	0.00000078	-0.00006898	-0.00001222	-0.00000516	-0.00001672
SIEXP	0.00479093	0.00178006	0.00986894	0.00008353	0.00559160	0.00103167	0.00037641	0.00121936
SALESEXP	0.00479093	0.00178006	0.00986894	0.00008353	0.00559160	0.00103167	0.00037641	0.00121936
OMXFPP	0.01282739	0.00474090	0.02223115	0.00019262	0.01285504	0.00167517	0.00301282	0.00745629
GI_Cust_NP	0.00479093	0.00178006	0.00986894	0.00008353	0.00559160	0.00103167	0.00037641	0.00121936
GI_Prod_NP	0.01083867	0.00630114	0.02681709	0.00022667	0.01562115	0.00000000	0.00058051	0.00188055
GI_Trans_NP	0.01068293	0.00620796	0.02648007	0.00022336	0.01541772	0.01333246	0.00058050	0.00188051
GI_DistCust_NP	0.01177530	0.00033057	0.00336842	0.00003316	0.00195085	0.00019937	0.00734195	0.02566569
TOU_meters	0.01275643	0.00029840	0.00104439	0.00014920	0.00022380	0.00000000	0.00000000	0.00000000

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

RATIO TABLE CONTINUED

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
1	INTERNALLY DEVELOPED CONTINUED								
2									
3	PRODUCTION WAGES AND SALARIES	Prod_Labor	1.00000000	0.49014860	0.13522126	0.17101392	0.02081873	0.11166607	0.00612444
4	TRANSMISSION WAGES AND SALARIES	Trans_Labor	1.00000000	0.48369223	0.13326102	0.16878060	0.02053970	0.11016684	0.00605640
5	DISTRIBUTION WAGES AND SALARIES	Dist_Labor	1.00000000	0.52269389	0.15709859	0.13440923	0.02524050	0.05812789	0.00106083
6	CUSTOMER ACCOUNTING WAGES AND SALARIES	Cust_Acct_Labor	1.00000000	0.89132729	0.10042737	0.00590002	0.00169548	0.00005067	-0.00002246
7	CUSTOMER SERVICE & INFORMATION WAGES & SALARIES	Cust_Svc_Labor	1.00000000	0.78933511	0.10275889	0.04540000	0.00655062	0.02821316	0.00191855
8	SALES WAGES & SALARIES	Sales_Labor	1.00000000	0.78933511	0.10275889	0.04540000	0.00655062	0.02821316	0.00191855
9	DISTRIBUTION AND CUSTOMER SERVICES WAGES & SALARIES	DistCust_Labor	1.00000000	0.69495552	0.12821454	0.07506687	0.01393942	0.03316457	0.00084993
10	DIST. & CUST SVCS. WAGES & SALARIES EXCLUDING SCH 20	DistCust_Labor_X20	1.00000000	0.71326188	0.13159194	0.07704427	0.01430661	0.03403818	0.00087232
11	TOTAL O&M WAGE & SALARIES EXCL A&G	SALWAGESX	1.00000000	0.58223749	0.13195686	0.12759790	0.01769963	0.07616129	0.00374058
12	TOTAL O&M WAGE & SALARIES	Total_Labor	1.00000000	0.58223749	0.13195686	0.12759790	0.01769963	0.07616129	0.00374058
13									
14	Total Injuries and Damages	IBNR	1.00000000	0.58223749	0.13195686	0.12759790	0.01769963	0.07616129	0.00374058
15	Total Property Tax Expense	Prop_Tax	1.00000000	0.52555451	0.13791156	0.16105029	0.02256368	0.08588682	0.00413463
16	Total Regulatory Asset & Liabilities	Reg_Exp	1.00000000	0.49216730	0.13542596	0.17035833	0.02107529	0.11011588	0.00597249
17	Total Federal Taxable Income	Fed_Tax_Inc	1.00000000	0.50928094	0.13522336	0.16295829	0.02230680	0.09820458	0.00481435
18	Total Prepayments (excluding Transmission Customers)	Prepayments	1.00000000	0.49282566	0.13562336	0.17003826	0.02126937	0.10875316	0.00579608
19	Step-up Transf & Aux	Step_Up	1.00000000	0.48369223	0.13326102	0.16878060	0.02053970	0.11016684	0.00605640
20									
21									
22									
23									
24									
25	ADIT Allocation: Asset Retirement Obligation	_MDC1	1.00000000	0.49386260	0.13588243	0.17013878	0.02135966	0.10851409	0.00575860
26	ADIT Allocation: PLACEHOLDER	_MDC2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
27	ADIT Allocation: PLACEHOLDER	_MDC3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	ADIT Allocation: PLACEHOLDER	_MDC4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	ADIT Allocation: PLACEHOLDER	_MDC5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
30	ADIT Allocation: PLACEHOLDER	_MDC6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	ADIT Allocation: PLACEHOLDER	_MDC7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	ADIT Allocation: PLACEHOLDER	_MDC8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	ADIT Allocation: PLACEHOLDER	_MDC9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
34	ADIT Allocation: PLACEHOLDER	_MDC10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
35	ADIT Allocation: PLACEHOLDER	_MDC11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
36	ADIT Allocation: PLACEHOLDER	_MDC12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
37	ADIT Allocation: PLACEHOLDER	_MDC13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
38	ADIT Allocation: PLACEHOLDER	_MDC14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
39	ADIT Allocation: PLACEHOLDER	_MDC15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
40	ADIT Allocation: PLACEHOLDER	_MDC16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
41	ADIT Allocation: PLACEHOLDER	_MDC17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	ADIT Allocation: PLACEHOLDER	_MDC18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	ADIT Allocation: PLACEHOLDER	_MDC19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetslighting
	Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Schedule 35B	Schedule 36B	Schedule 6	Schedule 20
ALLOCATION	Water & Sewage	Universities 115 kV	Industrial Power (Manuf, 12.5 kV)	Large Service for Station Power	Lg Power Service >= 3,000 kW	Special Service Rate Renew. Energy Res.	Private Area Lighting	Streetslighting
	8	9	10	11	12	13	14	15

RATIO TABLE CONTINUED

1 INTERNALLY DEVELOPED CONTINUED

3	PRODUCTION WAGES AND SALARIES	Prod_Labor	0.01083867	0.00630114	0.02681709	0.00022667	0.01562115	0.00000000	0.00058051	0.00188055
4	TRANSMISSION WAGES AND SALARIES	Trans_Labor	0.01068293	0.00620796	0.02648007	0.00022336	0.01541772	0.01333246	0.00058050	0.00188051
5	DISTRIBUTION WAGES AND SALARIES	Dist_Labor	0.02242367	0.00003700	0.00339124	0.00003700	0.00200449	0.00003700	0.01506661	0.05270425
6	CUSTOMER ACCOUNTING WAGES AND SALARIES	Cust_Acct_Labor	0.00025046	-0.00002249	-0.00013342	0.00000078	-0.00006898	-0.00001222	-0.00000516	-0.00001672
7	CUSTOMER SERVICE & INFORMATION WAGES & SALARIES	Cust_Svc_Labor	0.00479093	0.00178006	0.00986894	0.00008353	0.00559160	0.00103167	0.00037641	0.00121936
8	SALES WAGES & SALARIES	Sales_Labor	0.00479093	0.00178006	0.00986894	0.00008353	0.00559160	0.00103167	0.00037641	0.00121936
9	DISTRIBUTION AND CUSTOMER SERVICES WAGES & SALARIES	DistCust_Labor	0.01177530	0.00033057	0.00336842	0.00003316	0.00195085	0.00019937	0.00734195	0.02566569
10	DIST. & CUST SVCS. WAGES & SALARIES EXCLUDING SCH 20	DistCust_Labor_X20	0.01208549	0.00033928	0.00345715	0.00003404	0.00200223	0.00020463	0.00753535	0.00000000
11	TOTAL O&M WAGE & SALARIES EXCL A&G	SALWAGESX	0.01125322	0.00360185	0.01621748	0.00013917	0.00944133	0.00078632	0.00363184	0.01261440
12	TOTAL O&M WAGE & SALARIES	Total_Labor	0.01125322	0.00360185	0.01621748	0.00013917	0.00944133	0.00078632	0.00363184	0.01261440
13										
14	Total Injuries and Damages	IBNR	0.01125322	0.00360185	0.01621748	0.00013917	0.00944133	0.00078632	0.00363184	0.01261440
15	Total Property Tax Expense	Prop_Tax	0.01265086	0.00388839	0.01774001	0.00014377	0.01031064	0.00173456	0.00129139	0.01159702
16	Total Regulatory Asset & Liabilities	Reg_Exp	0.01122386	0.00609470	0.02607139	0.00021991	0.01515363	0.00017339	0.00065808	0.00248543
17	Total Federal Taxable Income	Fed_Tax_Inc	0.01506547	0.00442848	0.02102693	0.00016662	0.01216181	0.00204881	0.00127617	0.00766788
18	Total Prepayments (excluding Transmission Customers)	Prepayments	0.01176562	0.00585022	0.02526742	0.00021083	0.01470854	0.00122494	0.00067399	0.00309211
19	Step-up Transf & Aux	Step_Up	0.01068293	0.00620796	0.02648007	0.00022336	0.01541772	0.01333246	0.00058050	0.00188051
20										
21										
22										
23										
24										
25	ADIT Allocation: Asset Retirement Obligation	_MDC1	0.01190771	0.00579873	0.02509219	0.00020903	0.01460586	0.00000044	0.00068668	0.00325660
26	ADIT Allocation: PLACEHOLDER	_MDC2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
27	ADIT Allocation: PLACEHOLDER	_MDC3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	ADIT Allocation: PLACEHOLDER	_MDC4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	ADIT Allocation: PLACEHOLDER	_MDC5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
30	ADIT Allocation: PLACEHOLDER	_MDC6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	ADIT Allocation: PLACEHOLDER	_MDC7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	ADIT Allocation: PLACEHOLDER	_MDC8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	ADIT Allocation: PLACEHOLDER	_MDC9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
34	ADIT Allocation: PLACEHOLDER	_MDC10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
35	ADIT Allocation: PLACEHOLDER	_MDC11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
36	ADIT Allocation: PLACEHOLDER	_MDC12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
37	ADIT Allocation: PLACEHOLDER	_MDC13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
38	ADIT Allocation: PLACEHOLDER	_MDC14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
39	ADIT Allocation: PLACEHOLDER	_MDC15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
40	ADIT Allocation: PLACEHOLDER	_MDC16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
41	ADIT Allocation: PLACEHOLDER	_MDC17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	ADIT Allocation: PLACEHOLDER	_MDC18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	ADIT Allocation: PLACEHOLDER	_MDC19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
RATIO TABLE CONTINUED									
REVENUE RELATED									
1									
2									
3	SCHEDULE 1	REVSCH1	1.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	SCHEDULE 2	REVSCH2	1.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	SCHEDULE 3	REVSCH3	1.00000000	0.00000000	0.00000000	0.88089199	0.11910801	0.00000000	0.00000000
6	SCHEDULE 4	REVSCH4	1.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000
7	SCHEDULE 5	REVSCH5	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000
8	SCHEDULE 10	REVSCH10	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
9	SCHEDULE 11	REVSCH11	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	SCHEDULE 15	REVSCH15	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	SCHEDULE 30	REVSCH30	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	SCHEDULE 33	REVSCH33	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	SCHEDULE 34	REVSCH34	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	SCHEDULE 6	REVSCH6	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	SCHEDULE 20	REVSCH20	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	TNMP Mining - Rates 9 & 11	REVSCH911	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	SCHEDULES 2-30 - NON-RESIDENTIAL	REVSCHNR	1.00000000	0.51713151	0.13258073	0.15835493	0.02141164	0.00490557	0.00318161
18									
19	SALES REVENUE	SALESREV	1.00000000	0.46500485	0.13674388	0.18209379	0.10336999	0.00631157	0.00264918
20	SALES REVENUE - CLAIMED	REVCLAIM	1.00000000	0.51713151	0.13258073	0.15835493	0.02141164	0.00490557	0.00318161
21									
22	Total Revenue Requirement before Revenue Credits	RR_lessRevCredits	1.00000000	0.49703758	0.12947790	0.16504691	0.02209669	0.10280864	0.00313829
23									
24									
25									
26	REVENUES FROM SALES								
27									
28	TOTAL SALES OF ELECTRICITY REVENUE								
29	FUEL REVENUE								
30	NON-FUEL REVENUE	NFREV	1.00000000	0.48031661	0.14161906	0.17786559	0.03292636	0.09648905	0.00260085
31	CURRENT FUEL REVENUES	FUELREV	1.00000000	0.38990390	0.11283214	0.20283220	0.02590894	0.13711951	0.00288624
32									
33									
34	REVENUE REQUIREMENT BILLING DETERMINANTS INPUT								
35									
36	CLAIMED RATE OF RETURN								
37	ANNUAL CUSTOMERS								
38	ANNUAL KWH SALES @ METER (excl 36B)	ENERGY3	1.00000000	0.39544230	0.11437674	0.20515488	0.02625466	0.13828025	0.00882088
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
RATIO TABLE CONTINUED								
REVENUE RELATED								
1								
2								
3 SCHEDULE 1	REVSCH1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4 SCHEDULE 2	REVSCH2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5 SCHEDULE 3	REVSCH3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6 SCHEDULE 4	REVSCH4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7 SCHEDULE 5	REVSCH5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8 SCHEDULE 10	REVSCH10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9 SCHEDULE 11	REVSCH11	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10 SCHEDULE 15	REVSCH15	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11 SCHEDULE 30	REVSCH30	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12 SCHEDULE 33	REVSCH33	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000
13 SCHEDULE 34	REVSCH34	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000
14 SCHEDULE 6	REVSCH6	0.00000000	0.00000000	0.00000000	0.00000000	0.47430244	0.52569756	0.00000000
15 SCHEDULE 20	REVSCH20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
16 TNMP Mining - Rates 9 & 11	REVSCH911	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17 SCHEDULES 2-30 - NON-RESIDENTIAL	REVSCHNR	0.01410551	0.00467303	0.02206678	0.00018456	0.01274493	0.00188874	0.00209340
18								
19 SALES REVENUE	SALESREV	0.01383002	0.00600878	0.02514147	0.00027550	0.01159830	0.00237195	0.00933583
20 SALES REVENUE - CLAIMED	REVCLAIM	0.01410551	0.00467303	0.02206678	0.00018456	0.01274493	0.00188874	0.00209340
21								
22 Total Revenue Requirement before Revenue Credits	RR_essRevCredits	0.01544231	0.00530665	0.02619476	0.00021874	0.01504240	0.00240535	0.00205073
23								
24								
25								
26								
27								
28 TOTAL SALES OF ELECTRICITY REVENUE								
29 FUEL REVENUE								
30 NON-FUEL REVENUE	NFREV	0.01209388	0.00548659	0.02050864	0.00025111	0.00843900	0.00184352	0.00385935
31 CURRENT FUEL REVENUES	FUELREV	0.02234541	0.00857000	0.04786450	0.00039517	0.02709400	0.00496381	0.00189674
32								
33								
34								
35								
36 CLAIMED RATE OF RETURN								
37 ANNUAL CUSTOMERS								
38 ANNUAL KWH SALES @ METER (excl 36B)	ENERGY3	0.02105475	0.00795716	0.04543930	0.00041912	0.02572120	0.00000000	0.00192276
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES

	TOTAL COMPANY (1)	DEMAND (2)	ENERGY (3)	CUSTOMER (4)	(5)	CAP-PROD (6)	CAP-TRAN (7)	CAP-DIST (8)
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	2,720,021,940	2,537,449,055	0	182,572,885		1,457,465,449	337,495,877	742,487,729
6 Accumulated Deferred Income Taxes	(828,510,793)	(796,169,400)	9,139,056	(41,480,449)		(541,646,563)	(72,392,984)	(182,129,853)
7 Regulatory Assets & Liabilities	143,169,995	141,079,231	0	2,090,765		135,717,655	1,675,497	3,686,078
8 Other Rate Base Items	155,511,769	121,464,586	2,442,201	31,604,981		54,037,718	42,202,387	25,224,482
9 Working Capital	191,007,376	82,691,428	106,552,294	1,763,653		69,952,297	4,640,750	8,098,381
10								
11 TOTAL RATE BASE	2,381,200,287	2,086,514,900	118,133,552	176,551,836		1,175,526,556	313,621,526	597,366,818
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	691,510,203	547,538,621	50,649,081	93,322,501		358,812,747	72,234,219	116,491,655
18 Fuel Revenue	140,986,737	0	140,986,737	0		0	0	0
19 Total Sales of Electricity Revenue	832,496,940	547,538,621	191,635,818	93,322,501		358,812,747	72,234,219	116,491,655
20 Other Operating Revenue	14,712,587	14,209,689	0	502,898		6,316,318	4,287,522	3,605,849
21								
22 TOTAL OPERATING REVENUE	847,209,527	561,748,310	191,635,818	93,825,399		365,129,065	76,521,741	120,097,504
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	361,893,074	264,455,071	39,938,553	57,499,451		191,059,368	39,411,672	33,984,031
26 Operation & Maintenance Expense - Fuel	140,986,737	0	140,986,737	0		0	0	0
27 Depreciation & Amortization Expense	131,311,805	111,198,262	0	20,113,542		60,499,238	15,564,410	35,134,614
28 General Taxes	37,944,740	34,064,662	0	3,880,078		19,977,387	4,260,607	9,826,668
29 Other Allowable Expenses	18,160,549	16,294,332	610,550	1,255,666		15,540,682	206,640	547,011
30 Net Allowable Federal Income Tax	22,324,931	18,178,423	2,295,513	1,850,995		11,799,287	12,763	6,366,373
31 Net Allowable State Income Tax	3,480,129	2,848,441	346,116	285,572		1,882,752	2,996	962,693
32 Revenue Tax	4,159,030	2,712,367	974,608	472,055		1,792,702	345,559	574,107
33								
34 TOTAL OPERATING EXPENSES	720,260,997	449,751,559	185,152,077	85,357,360		302,551,416	59,804,647	87,395,496
35								
36 OPERATING INCOME	126,948,530	111,996,752	6,483,740	8,468,038		62,577,650	16,717,094	32,702,008
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	5.33%	5.37%	5.49%	4.80%		5.32%	5.33%	5.47%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
41								
42 Forecasted Rate of Return @ Present Rates (Total)	5.33%	5.37%	5.49%	4.80%		5.32%	5.33%	5.47%
43 Relative Rate of Return @ Present Rates (Total)	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000	1.0000
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES

	CAP-DIST-SUB (9)	CAP-DIST-PRI (10)	CAP-DIST-SEC (11)	CUST-SERVICES (12)	CUST-METER (13)	CUST-METER RDG (14)	CUST-BILL & COL (15)	CUST-SERV & INFO (16)
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	153,187,845	376,843,389	212,456,496	53,306,176	44,851,158	7,124,997	11,254,452	0
6 Accumulated Deferred Income Taxes	(37,523,390)	(92,472,425)	(52,134,037)	(12,952,782)	(12,265,979)	(3,051,125)	(4,819,474)	0
7 Regulatory Assets & Liabilities	760,501	1,870,838	1,054,740	264,638	222,663	35,372	55,873	0
8 Other Rate Base Items	9,974,501	9,752,003	5,497,977	627,619	8,570,631	7,845,159	12,392,002	0
9 Working Capital	1,662,759	4,115,459	2,320,163	571,048	560,247	118,481	229,396	0
10								
11 TOTAL RATE BASE	128,062,215	300,109,265	169,195,338	41,816,700	41,938,721	12,072,884	19,112,248	0
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	17,181,501	61,588,374	37,721,779	8,060,653	22,765,025	12,085,645	22,588,291	0
18 Fuel Revenue	0	0	0	0	0	0	0	0
19 Total Sales of Electricity Revenue	17,181,501	61,588,374	37,721,779	8,060,653	22,765,025	12,085,645	22,588,291	0
20 Other Operating Revenue	745,346	1,829,224	1,031,279	262,119	184,529	281	444	0
21								
22 TOTAL OPERATING REVENUE	17,926,848	63,417,599	38,753,058	8,322,772	22,949,554	12,085,926	22,588,735	0
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	6,099,393	17,834,073	10,050,565	1,013,211	13,790,624	9,753,701	18,884,601	0
26 Operation & Maintenance Expense - Fuel	0	0	0	0	0	0	0	0
27 Depreciation & Amortization Expense	1,717,522	21,070,960	12,346,132	4,384,009	4,572,279	1,438,697	2,272,527	0
28 General Taxes	1,516,449	3,856,247	4,453,971	1,029,895	1,831,145	148,466	234,513	0
29 Other Allowable Expenses	112,894	277,608	156,509	39,356	32,183	4,362	6,891	0
30 Net Allowable Federal Income Tax	1,319,620	3,170,210	1,876,544	73,914	424,350	135,850	215,096	0
31 Net Allowable State Income Tax	199,495	479,442	283,756	11,231	65,314	21,710	34,369	0
32 Revenue Tax	83,590	303,919	186,598	39,661	114,838	61,463	114,876	0
33								
34 TOTAL OPERATING EXPENSES	11,048,962	46,992,458	29,354,076	6,591,277	20,830,733	11,564,249	21,762,871	0
35								
36 OPERATING INCOME	6,877,885	16,425,141	9,398,982	1,731,495	2,118,821	521,677	825,864	0
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	5.37%	5.47%	5.56%	4.14%	5.05%	4.32%	4.32%	0.00%
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
41								
42 Forecasted Rate of Return @ Present Rates (Total)	5.37%	5.47%	5.56%	4.14%	5.05%	4.32%	4.32%	0.00%
43 Relative Rate of Return @ Present Rates (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
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PNM EXHIBIT SAY-4
Page 216 of 268

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

FORECASTED SUMMARY OF RESULTS - ROR @ EXISTING RATES

	CUST-OTHER (17)	ENE-FUEL (18)	ENE-NF (19)	(20)	(21)	(22)	(23)	(24)
1 RATE BASE								
2								
3								
4								
5 Net Plant in Service	66,036,102	0	0					
6 Accumulated Deferred Income Taxes	(8,391,088)	0	9,139,056					
7 Regulatory Assets & Liabilities	1,512,218	0	0					
8 Other Rate Base Items	2,169,570	0	2,442,201					
9 Working Capital	284,481	0	106,552,294					
10								
11 TOTAL RATE BASE	61,611,283	0	118,133,552					
12								
13 RETURN								
14								
15 OPERATING REVENUE								
16 Sales of Electricity Revenue								
17 Non-Fuel Revenue	27,822,886	0	50,649,081					
18 Fuel Revenue	0	0	140,986,737					
19 Total Sales of Electricity Revenue	27,822,886	0	191,635,818					
20 Other Operating Revenue	55,526	0	0					
21								
22 TOTAL OPERATING REVENUE	27,878,411	0	191,635,818					
23								
24 OPERATING EXPENSES								
25 Operation & Maintenance Expenses Excluding Fuel	14,057,314	0	39,938,553					
26 Operation & Maintenance Expense - Fuel	0	0	140,986,737					
27 Depreciation & Amortization Expense	7,446,031	0	0					
28 General Taxes	636,060	0	0					
29 Other Allowable Expenses	1,172,874	0	610,550					
30 Net Allowable Federal Income Tax	1,001,785	0	2,295,513					
31 Net Allowable State Income Tax	152,948	0	346,116					
32 Revenue Tax	141,217	0	974,608					
33								
34 TOTAL OPERATING EXPENSES	24,608,230	0	185,152,077					
35								
36 OPERATING INCOME	3,270,181	0	6,483,740					
37								
38								
39 Forecasted Rate of Return @ Present Rates (Non-Fuel)	5.31%	0.00%	5.49%					
40 Relative Rate of Return @ Present Rates (Non-Fuel)	1.0000	0.0000	1.0000					
41								
42 Forecasted Rate of Return @ Present Rates (Total)	5.31%	0.00%	5.49%					
43 Relative Rate of Return @ Present Rates (Total)	1.0000	0.0000	1.0000					
44								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	TOTAL COMPANY (1)	DEMAND (2)	ENERGY (3)	CUSTOMER (4)	(5)	CAP-PROD (6)	CAP-TRAN (7)	CAP-DIST (8)
FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR								
1								
2	2,381,200,287	2,086,514,900	118,133,552	176,551,836		1,175,526,556	313,621,526	597,366,818
3								
4								
5	REQUESTED RETURN							
6								
7	OPERATING REVENUE							
8	Sales of Electricity Revenue							
9	Non-Fuel Revenue	791,637,380	635,976,672	54,151,345	101,509,362	407,031,518	88,928,796	140,016,358
10	Fuel Revenue	140,986,737	0	140,986,737	0	0	0	0
11	Total Sales of Electricity Revenue	932,624,117	635,976,672	195,138,083	101,509,362	407,031,518	88,928,796	140,016,358
12	Other Operating Revenue	14,712,587	14,209,689	0	502,898	6,316,318	4,287,522	3,605,849
13	TOTAL OPERATING REVENUE	947,336,704	650,186,362	195,138,083	102,012,260	413,347,836	93,216,319	143,622,208
14								
15	OPERATING EXPENSES							
16	Operation & Maintenance Expenses Excluding Fuel	361,893,074	284,455,071	39,938,553	57,499,451	191,059,368	39,411,672	33,984,031
17	Operation & Maintenance Expense - Fuel	140,986,737	0	140,986,737	0	0	0	0
18	Depreciation & Amortization Expense	131,311,805	111,198,262	0	20,113,542	60,499,238	15,564,410	35,134,614
19	General Taxes	37,944,740	34,084,662	0	3,880,078	19,977,387	4,260,607	9,826,668
20	Other Allowable Expenses	18,160,549	16,294,332	610,550	1,255,666	15,540,682	206,640	547,011
21	Net Allowable Federal Income Tax	62,313,020	54,444,937	3,206,505	4,661,579	30,393,209	8,301,989	15,749,738
22	Net Allowable State Income Tax	11,260,496	9,884,707	540,525	835,264	5,576,284	1,478,704	2,829,720
23	Revenue Tax	4,719,075	3,218,040	987,398	513,637	2,059,578	449,979	708,482
24	TOTAL OPERATING EXPENSES	768,589,497	493,560,011	186,270,268	88,759,218	325,105,746	69,674,002	98,780,263
25								
26	OPERATING INCOME	178,747,208	156,626,351	8,867,815	13,253,042	88,242,090	23,542,317	44,841,944
27								
28								
29	Requested Rate of Return (Non-Fuel)	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
30	Relative Rate of Return (Non-Fuel)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
31								
32	Requested Rate of Return (Total)	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
33	Relative Rate of Return (Total)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
34								
35	Base Non-Fuel Revenue Requirement	806,349,967	650,186,362	54,151,345	102,012,260	413,347,836	93,216,319	143,622,208
36	Fuel Revenue Requirement	140,986,737	0	140,986,737	0	0	0	0
37	Total Revenue Requirement	947,336,704	650,186,362	195,138,083	102,012,260	413,347,836	93,216,319	143,622,208
38								
39	Forecasted Non-Fuel Revenues	691,510,203	547,538,621	50,649,081	93,322,501	358,812,747	72,234,219	116,491,655
40	Other Operating Revenues	14,712,587	14,209,689	0	502,898	6,316,318	4,287,522	3,605,849
41	Fuel Revenues	140,986,737	0	140,986,737	0	0	0	0
42	Total Revenues	847,209,527	561,748,310	191,635,818	93,825,399	365,129,065	76,521,741	120,097,504
43								
44	Non-Fuel Revenue Deficiency	100,127,177	88,438,051	3,502,265	8,186,861	48,218,771	16,694,578	23,524,703
45	Fuel Revenue Deficiency	0	0	0	0	0	0	0
46	Total Revenue Deficiency	100,127,177	88,438,051	3,502,265	8,186,861	48,218,771	16,694,578	23,524,703
47								
48	Non-Fuel Impact as % of Total Revenues	11.82%	15.74%	1.83%	8.73%	13.21%	21.82%	19.59%
49								
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	14.48%	16.15%	6.91%	8.77%	13.44%	23.11%	20.19%

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	CAP-DIST-SUB (9)	CAP-DIST-PRI (10)	CAP-DIST-SEC (11)	CUST-SERVICES (12)	CUST-METER (13)	CUST-METER RDG (14)	CUST-BILL & COL (15)	CUST-SERV & INFO (16)
FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR								
1								
2	128,062,215	300,109,265	169,195,338	41,816,700	41,938,721	12,072,884	19,112,248	0
3								
4								
5								
6								
7								
8								
9								
10	22,413,542	73,441,392	44,161,424	10,697,675	24,619,918	12,692,226	23,548,437	0
11	0	0	0	0	0	0	0	0
12	22,413,542	73,441,392	44,161,424	10,697,675	24,619,918	12,692,226	23,548,437	0
13	745,346	1,829,224	1,031,279	262,119	184,529	281	444	0
14	23,158,888	75,270,617	45,192,703	10,959,794	24,804,448	12,692,507	23,548,881	0
15								
16	6,099,393	17,834,073	10,050,565	1,013,211	13,790,624	9,753,701	18,884,601	0
17	0	0	0	0	0	0	0	0
18	1,717,522	21,070,960	12,346,132	4,384,009	4,572,279	1,438,697	2,272,527	0
19	1,516,449	3,856,247	4,453,971	1,029,895	1,831,145	148,466	234,513	0
20	112,894	277,608	156,509	39,356	32,183	4,362	6,891	0
21	3,380,278	7,909,979	4,459,481	1,101,995	1,107,002	319,858	506,385	0
22	605,820	1,422,131	801,768	198,185	198,466	56,937	90,130	0
23	113,412	371,613	223,457	54,130	124,577	64,223	119,155	0
24	13,545,768	52,742,611	32,491,884	7,820,781	21,656,275	11,786,243	22,114,201	0
25								
26	9,613,120	22,528,005	12,700,819	3,139,013	3,148,173	906,263	1,434,680	0
27								
28								
29	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	0.00%
30	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
31								
32	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	0.00%
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
34								
35	23,158,888	75,270,617	45,192,703	10,959,794	24,804,448	12,692,507	23,548,881	0
36	0	0	0	0	0	0	0	0
37	23,158,888	75,270,617	45,192,703	10,959,794	24,804,448	12,692,507	23,548,881	0
38								
39	17,181,501	61,588,374	37,721,779	8,060,653	22,765,025	12,085,645	22,588,291	0
40	745,346	1,829,224	1,031,279	262,119	184,529	281	444	0
41	0	0	0	0	0	0	0	0
42	17,926,848	63,417,599	38,753,058	8,322,772	22,949,554	12,085,926	22,588,735	0
43								
44	5,232,041	11,853,018	6,439,645	2,637,022	1,854,893	606,581	960,146	(0)
45	0	0	0	0	0	0	0	0
46	5,232,041	11,853,018	6,439,645	2,637,022	1,854,893	606,581	960,146	(0)
47								
48	29.19%	18.69%	16.62%	31.68%	8.08%	5.02%	4.25%	-100.00%
49								
50	30.45%	19.25%	17.07%	32.71%	8.15%	5.02%	4.25%	-100.00%

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	CUST-OTHER (17)	ENE-FUEL (18)	ENE-NF (19)	(20)	(21)	(22)	(23)	(24)
FORECASTED SUMMARY OF RESULTS - @ REQUESTED ROR								
1								
2	RATE BASE	61,611,283	0	118,133,552				
3								
4								
5	REQUESTED RETURN							
6								
7	OPERATING REVENUE							
8	Sales of Electricity Revenue							
9	Non-Fuel Revenue	29,951,104	0	54,151,345				
10	Fuel Revenue	0	0	140,986,737				
11	Total Sales of Electricity Revenue	29,951,104	0	195,138,083				
12	Other Operating Revenue	55,526	0	0				
13	TOTAL OPERATING REVENUE	30,006,630	0	195,138,083				
14								
15	OPERATING EXPENSES							
16	Operation & Maintenance Expenses Excluding Fuel	14,057,314	0	39,938,553				
17	Operation & Maintenance Expense - Fuel	0	0	140,986,737				
18	Depreciation & Amortization Expense	7,446,031	0	0				
19	General Taxes	636,060	0	0				
20	Other Allowable Expenses	1,172,874	0	610,550				
21	Net Allowable Federal Income Tax	1,626,339	0	3,206,505				
22	Net Allowable State Income Tax	291,546	0	540,525				
23	Revenue Tax	151,552	0	987,398				
24	TOTAL OPERATING EXPENSES	25,381,717	0	186,270,268				
25								
26	OPERATING INCOME	4,624,913	0	8,867,815				
27								
28								
29	Requested Rate of Return (Non-Fuel)	7.51%	0.00%	7.51%				
30	Relative Rate of Return (Non-Fuel)	1.0000	0.0000	1.0000				
31								
32	Requested Rate of Return (Total)	7.51%	0.00%	7.51%				
33	Relative Rate of Return (Total)	1.0000	0.0000	1.0000				
34								
35	Base Non-Fuel Revenue Requirement	30,006,630	0	54,151,345				
36	Fuel Revenue Requirement	0	0	140,986,737				
37	Total Revenue Requirement	30,006,630	0	195,138,083				
38								
39	Forecasted Non-Fuel Revenues	27,822,886	0	50,649,081				
40	Other Operating Revenues	55,526	0	0				
41	Fuel Revenues	0	0	140,986,737				
42	Total Revenues	27,878,411	0	191,635,818				
43								
44	Non-Fuel Revenue Deficiency	2,128,219	(0)	3,502,265				
45	Fuel Revenue Deficiency	0	0	0				
46	Total Revenue Deficiency	2,128,219	(0)	3,502,265				
47								
48	Non-Fuel Impact as % of Total Revenues	7.63%	-100.00%	1.83%				
49								
50	Non-Fuel Impact as % of Total Non-Fuel Revenues	7.65%	-100.00%	6.91%				

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	TOTAL COMPANY (1)	DEMAND (2)	ENERGY (3)	CUSTOMER (4)	(5)	CAP-PROD (6)	CAP-TRAN (7)	CAP-DIST (8)
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY CLASS								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	CAP-DIST-SUB (9)	CAP-DIST-PRI (10)	CAP-DIST-SEC (11)	CUST-SERVICES (12)	CUST-METER (13)	CUST-METER RDG (14)	CUST-BILL & COL (15)	CUST-SERV & INFO (16)
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	CUST-OTHER (17)	ENE-FUEL (18)	ENE-NF (19)	(20)	(21)	(22)	(23)	(24)
FORECASTED SUMMARY OF RESULTS - REQUESTED REVENUE INCREASE BY								
1								
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
	Total	Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
	PNM	Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation
	Consolidated	1	2	3	4	5	(Mines, Multi Volt)	7
SUMMARY - ROR @ EXISTING RATES								
1 RATE OF RETURN	5.33%	4.07%	6.49%	7.47%	14.08%	5.41%	7.93%	2.64%
2								
3 REVENUES REQUIRED								
4								
5 DEMAND COMPONENTS	547,538,621	547,538,621	244,088,472	80,647,045	108,442,068	20,095,489	58,368,469	3,382,247
6 DEMAND PRODUCTION		358,812,747	160,294,774	51,086,721	69,759,841	11,359,394	41,252,574	2,643,747
7 DEMAND TRANSMISSION		72,234,219	31,515,583	10,446,978	14,118,490	2,462,789	8,085,880	537,585
8 DEMAND SUBSTATION		17,181,501	6,588,423	2,669,671	3,530,070	1,008,474	1,911,786	200,915
9 DEMAND DISTRIBUTION PRIMARY		61,588,374	26,478,910	9,583,244	12,295,558	3,103,873	7,118,230	0
10 DEMAND DISTRIBUTION SECONDARY		37,721,779	19,210,782	6,850,431	8,738,109	2,159,959	0	0
11								
12 ENERGY COMPONENTS	50,649,081	50,649,081	18,756,103	5,986,024	11,159,143	1,776,495	6,838,612	506,290
13 ENERGY FUEL		0	0	0	0	0	0	0
14 ENERGY NON FUEL		50,649,081	18,756,103	5,986,024	11,159,143	1,776,495	6,838,612	506,290
15								
16 CUSTOMER COMPONENTS	93,322,500	93,322,501	69,299,260	11,297,955	3,394,660	896,931	1,516,083	62,672
17 CUSTOMER SERVICES		8,060,653	7,652,843	407,810	0	0	0	0
18 CUSTOMER METER		22,765,025	13,860,527	5,056,020	1,937,151	627,846	652,170	6,257
19 CUSTOMER METER READING		12,085,645	10,702,731	1,259,340	81,963	24,892	5,329	49
20 CUSTOMER BILLING & COLLECTION		22,588,291	20,043,900	2,073,651	283,420	59,048	110,280	78
21 CUSTOMER SERVICE & INFORMATION		0	0	0	0	0	0	0
22 CUSTOMER OTHER		27,822,886	17,039,259	2,501,133	1,092,126	185,145	748,305	56,289
23								
24								
25 TOTAL COMPANY	691,510,202	691,510,203	332,143,835	97,931,024	122,995,870	22,768,915	66,723,164	3,951,210
26	(1)							
27								
28								
29								
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34								
35								

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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SUMMARY - ROR @ EXISTING RATES

1 RATE OF RETURN		3.28%	8.08%	3.88%	11.59%	-0.78%	5.31%	26.95%	8.38%
2									
3 REVENUES REQUIRED									
4									
5 DEMAND COMPONENTS	547,538,621	6,788,244	3,266,251	11,724,087	142,460	4,737,769	1,000,933	1,352,368	2,041,565
6 DEMAND PRODUCTION		3,748,738	2,709,670	9,539,307	118,006	4,037,757	0	505,500	920,322
7 DEMAND TRANSMISSION		659,831	556,581	1,761,761	24,454	631,387	1,000,933	110,546	166,948
8 DEMAND SUBSTATION		458,889	0	423,019	0	68,624	0	128,447	138,501
9 DEMAND DISTRIBUTION PRIMARY		1,920,786	0	0	0	(0)	0	360,966	476,730
10 DEMAND DISTRIBUTION SECONDARY		(0)	0	0	0	(0)	0	246,909	339,064
11									
12 ENERGY COMPONENTS	50,649,081	1,014,953	471,798	2,221,349	24,818	988,321	244,979	180,054	349,819
13 ENERGY FUEL		0	0	0	0	(0)	0	0	0
14 ENERGY NON FUEL		1,014,953	471,798	2,221,349	24,818	988,321	244,979	180,054	349,819
15									
16 CUSTOMER COMPONENTS	93,322,500	559,843	55,988	236,498	6,364	109,564	28,899	1,136,358	4,514,389
17 CUSTOMER SERVICES		(0)	0	0	0	(0)	0	0	0
18 CUSTOMER METER		439,478	3,143	2,759	3,473	9,336	2,901	0	0
19 CUSTOMER METER READING		3,710	25	23	26	84	24	0	0
20 CUSTOMER BILLING & COLLECTION		5,860	39	36	41	133	37	0	0
21 CUSTOMER SERVICE & INFORMATION		0	0	0	0	(0)	0	0	0
22 CUSTOMER OTHER		110,794	52,781	233,680	2,824	100,011	25,938	1,136,358	4,514,389
23									
24									
25 TOTAL COMPANY	691,510,202	8,363,040	3,794,036	14,181,934	173,642	5,835,654	1,274,811	2,668,780	6,905,774
26	(1)								
27									
28									
29									
30									
31									
32									
33									
34									
35									

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

		Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
SUMMARY - ROR @ EXISTING RATES									
1 RATE OF RETURN		5.33%	4.07%	6.49%	7.47%	14.08%	5.41%	7.93%	2.64%
2									
3 \$/KWH									
4									
5 DEMAND COMPONENTS	\$0.0684	0.0684	0.0771	0.0881	0.0660	0.0956	0.0527	0.0479	0.0624
6 DEMAND PRODUCTION		0.0448	0.0506	0.0558	0.0425	0.0541	0.0373	0.0374	0.0357
7 DEMAND TRANSMISSION		0.0090	0.0100	0.0114	0.0086	0.0117	0.0073	0.0076	0.0066
8 DEMAND SUBSTATION		0.0021	0.0021	0.0029	0.0021	0.0048	0.0017	0.0028	0.0023
9 DEMAND DISTRIBUTION PRIMARY		0.0077	0.0084	0.0105	0.0075	0.0148	0.0064	0.0000	0.0102
10 DEMAND DISTRIBUTION SECONDARY		0.0047	0.0061	0.0075	0.0053	0.0103	0.0000	0.0000	0.0075
11									
12 ENERGY COMPONENTS	\$0.0063	0.0063	0.0059	0.0065	0.0068	0.0085	0.0062	0.0072	0.0056
13 ENERGY FUEL		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14 ENERGY NON FUEL		0.0063	0.0059	0.0065	0.0068	0.0085	0.0062	0.0072	0.0056
15									
16 CUSTOMER COMPONENTS	\$0.0117	0.0117	0.0219	0.0123	0.0021	0.0043	0.0014	0.0009	0.0088
17 CUSTOMER SERVICES		0.0010	0.0024	0.0004	0.0000	0.0000	0.0000	0.0000	(0.0000)
18 CUSTOMER METER		0.0028	0.0044	0.0055	0.0012	0.0030	0.0006	0.0001	0.0070
19 CUSTOMER METER READING		0.0015	0.0034	0.0014	0.0000	0.0001	0.0000	0.0000	0.0003
20 CUSTOMER BILLING & COLLECTION		0.0028	0.0063	0.0023	0.0002	0.0003	0.0001	0.0000	0.0005
21 CUSTOMER SERVICE & INFORMATION		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22 CUSTOMER OTHER		0.0035	0.0054	0.0027	0.0007	0.0009	0.0007	0.0008	0.0010
23									
24									
25 TOTAL COMPANY	\$0.0864	0.0864	0.1049	0.1070	0.0749	0.1084	0.0603	0.0560	0.0768
26									
27									
28									
29 \$/MONTH/CUSTOMER									
30									
31 TOTAL CUSTOMER COMPONENT \$/MO/CUST		\$14.79	\$12.34	\$17.82	\$83.61	\$80.71	\$556.57	\$2,611.34	\$51.63
32 SERVICES COMPONENT \$/MO/CUST		\$1.28	\$1.36	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.00)
33 METERS COMPONENT \$/MO/CUST		\$3.61	\$2.47	\$7.98	\$47.71	\$56.50	\$239.42	\$260.69	\$40.89
34									
35									

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
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SUMMARY - ROR @ EXISTING RATES

1	RATE OF RETURN		3.28%	8.08%	3.88%	11.59%	-0.78%	5.31%	26.95%	8.38%
2										
3	\$/KWH									
4										
5	DEMAND COMPONENTS	\$0.0684	0.0403	0.0513	0.0322	0.0425	0.0230	0.0000	0.0879	0.0410
6	DEMAND PRODUCTION		0.0222	0.0425	0.0262	0.0352	0.0196	0.0000	0.0328	0.0185
7	DEMAND TRANSMISSION		0.0039	0.0087	0.0048	0.0073	0.0031	0.0000	0.0072	0.0033
8	DEMAND SUBSTATION		0.0027	0.0000	0.0012	0.0000	0.0003	0.0000	0.0083	0.0028
9	DEMAND DISTRIBUTION PRIMARY		0.0114	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0235	0.0096
10	DEMAND DISTRIBUTION SECONDARY		(0.0000)	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0160	0.0068
11										
12	ENERGY COMPONENTS	\$0.0063	0.0060	0.0074	0.0081	0.0074	0.0048	0.0000	0.0117	0.0070
13	ENERGY FUEL		0.0000	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0000	0.0000
14	ENERGY NON FUEL		0.0060	0.0074	0.0081	0.0074	0.0048	0.0000	0.0117	0.0070
15										
16	CUSTOMER COMPONENTS	\$0.0117	0.0033	0.0009	0.0007	0.0019	0.0005	0.0000	0.0738	0.0906
17	CUSTOMER SERVICES		(0.0000)	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0000	0.0000
18	CUSTOMER METER		0.0026	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000
19	CUSTOMER METER READING		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	CUSTOMER BILLING & COLLECTION		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	CUSTOMER SERVICE & INFORMATION		0.0000	0.0000	0.0000	0.0000	(0.0000)	0.0000	0.0000	0.0000
22	CUSTOMER OTHER		0.0007	0.0008	0.0006	0.0008	0.0005	0.0000	0.0738	0.0906
23										
24										
25	TOTAL COMPANY	\$0.0864	0.0496	0.0596	0.0390	0.0518	0.0283	0.0000	0.1734	0.1385
26										
27										
28										
29	\$/MONTH/CUSTOMER									
30										
31	TOTAL CUSTOMER COMPONENT \$/MO/CUST	\$284.47	\$4,665.63	\$19,708.16	\$530.29	\$2,282.59	\$2,408.29	\$0.00	\$0.00	\$0.00
32	SERVICES COMPONENT \$/MO/CUST	(\$0.00)	\$0.00	\$0.00	\$0.00	(\$0.00)	\$0.00	\$0.00	\$0.00	\$0.00
33	METERS COMPONENT \$/MO/CUST	\$223.31	\$261.93	\$229.91	\$289.38	\$194.50	\$241.74	\$0.00	\$0.00	\$0.00
34										
35										

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

		Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
SUMMARY - @ REQUESTED ROR									
1 EQUALIZED RATE OF RETURN		7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
2									
3 REVENUES REQUIRED									
4									
5 DEMAND COMPONENTS	635,976,672	635,976,672	311,095,456	87,271,666	111,058,507	14,784,726	66,992,090	3,304,829	2,120,674
6 DEMAND PRODUCTION		407,031,518	196,206,114	54,321,055	70,899,580	8,677,637	46,318,527	2,577,343	1,123,323
7 DEMAND TRANSMISSION		88,928,796	43,014,167	11,850,743	15,009,456	1,826,571	9,797,004	538,588	239,904
8 DEMAND SUBSTATION		22,413,542	10,395,070	3,051,605	3,637,285	619,077	2,439,005	188,898	109,547
9 DEMAND DISTRIBUTION PRIMARY		73,441,392	35,960,959	10,556,796	12,582,914	2,141,651	8,437,554	0	378,969
10 DEMAND DISTRIBUTION SECONDARY		44,161,424	25,519,146	7,491,469	8,929,273	1,519,790	0	0	268,930
11									
12 ENERGY COMPONENTS	54,151,345	54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
13 ENERGY FUEL		0	0	0	0	0	0	0	0
14 ENERGY NON FUEL		54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
15									
16 CUSTOMER COMPONENTS	101,509,361	101,509,362	77,334,778	11,621,477	3,402,555	773,383	1,614,346	59,967	242,925
17 CUSTOMER SERVICES		10,697,675	10,250,319	447,356	0	0	0	0	0
18 CUSTOMER METER		24,619,918	15,495,273	5,231,776	1,946,985	526,777	694,345	6,118	192,534
19 CUSTOMER METER READING		12,692,226	11,295,413	1,275,047	81,667	22,353	5,479	48	8,066
20 CUSTOMER BILLING & COLLECTION		23,548,437	20,982,089	2,098,473	282,942	55,009	110,550	76	12,741
21 CUSTOMER SERVICE & INFORMATION		0	0	0	0	0	0	0	0
22 CUSTOMER OTHER		29,951,104	19,311,684	2,568,825	1,090,962	169,244	803,972	53,725	29,584
23									
24									
25 TOTAL COMPANY	791,637,379 0	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
26									
27									
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PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Wtr/Swg Pumping	Universities	Manufacturing	Industrial	Schedule 35B	Schedule 36B	Private Lighting	Streetlighting
Schedule 11	Schedule 15	Schedule 30	Schedule 33B	Lg Power Service	Special Service Rate	Schedule 6	Schedule 20
Water & Sewage	Industrial Power	Industrial Power	Large Service	>= 3,000 kW	Renew. Energy Res.	Private Area	Streetlighting
8	(Universities 115 kV)	(Manuf, 12.5 kV)	for Station Power			Lighting	
	9	10	11	12	13	14	15

SUMMARY - @ REQUESTED ROR

1	EQUALIZED RATE OF RETURN		7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
2										
3	REVENUES REQUIRED									
4										
5	DEMAND COMPONENTS	635,976,672	9,293,242	3,164,615	14,527,664	118,438	8,417,160	1,185,639	641,582	2,000,384
6	DEMAND PRODUCTION		4,765,987	2,612,549	11,530,760	98,575	6,690,715	0	285,259	924,095
7	DEMAND TRANSMISSION		950,020	552,067	2,354,840	19,863	1,371,079	1,185,639	51,623	187,232
8	DEMAND SUBSTATION		802,174	0	642,063	0	355,366	0	44,068	129,385
9	DEMAND DISTRIBUTION PRIMARY		2,775,061	0	0	0	0	0	152,449	455,039
10	DEMAND DISTRIBUTION SECONDARY		0	0	0	0	0	0	108,183	324,633
11										
12	ENERGY COMPONENTS	54,151,345	1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
13	ENERGY FUEL		0	0	0	0	0	0	0	0
14	ENERGY NON FUEL		1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
15										
16	CUSTOMER COMPONENTS	101,509,361	643,583	53,175	269,556	5,463	159,889	30,638	913,716	4,383,912
17	CUSTOMER SERVICES		0	0	0	0	0	0	0	0
18	CUSTOMER METER		501,642	3,059	3,059	3,059	12,235	3,059	0	0
19	CUSTOMER METER READING		3,959	24	24	24	97	24	0	0
20	CUSTOMER BILLING & COLLECTION		6,253	38	38	38	152	38	0	0
21	CUSTOMER SERVICE & INFORMATION		0	0	0	0	0	0	0	0
22	CUSTOMER OTHER		131,730	50,054	266,434	2,342	147,404	27,517	913,716	4,383,912
23										
24										
25	TOTAL COMPANY	791,637,379	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
26		0								

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7	
	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	
5	\$0.0795	\$0.0983	\$0.0953	\$0.0676	\$0.0704	\$0.0605	\$0.0468	\$0.0905
	\$0.0509	\$0.0620	\$0.0593	\$0.0432	\$0.0413	\$0.0419	\$0.0365	\$0.0479
	\$0.0111	\$0.0136	\$0.0129	\$0.0091	\$0.0087	\$0.0089	\$0.0076	\$0.0102
	\$0.0028	\$0.0033	\$0.0033	\$0.0022	\$0.0029	\$0.0022	\$0.0027	\$0.0047
	\$0.0092	\$0.0114	\$0.0115	\$0.0077	\$0.0102	\$0.0076	\$0.0000	\$0.0162
	\$0.0055	\$0.0081	\$0.0082	\$0.0054	\$0.0072	\$0.0000	\$0.0000	\$0.0115
8	\$0.0068	\$0.0066	\$0.0066	\$0.0066	\$0.0066	\$0.0068	\$0.0073	\$0.0066
	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	\$0.0068	\$0.0066	\$0.0066	\$0.0066	\$0.0066	\$0.0068	\$0.0073	\$0.0066
7	\$0.0127	\$0.0244	\$0.0127	\$0.0021	\$0.0037	\$0.0015	\$0.0008	\$0.0104
	\$0.0013	\$0.0032	\$0.0005	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	\$0.0031	\$0.0049	\$0.0057	\$0.0012	\$0.0025	\$0.0006	\$0.0001	\$0.0082
	\$0.0016	\$0.0036	\$0.0014	\$0.0000	\$0.0001	\$0.0000	\$0.0000	\$0.0003
	\$0.0029	\$0.0066	\$0.0023	\$0.0002	\$0.0003	\$0.0001	\$0.0000	\$0.0005
	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	\$0.0037	\$0.0061	\$0.0028	\$0.0007	\$0.0008	\$0.0007	\$0.0008	\$0.0013
9	\$0.0989	\$0.1294	\$0.1147	\$0.0763	\$0.0807	\$0.0688	\$0.0550	\$0.1075
	\$16.09	\$13.77	\$18.33	\$83.80	\$69.59	\$592.64	\$2,498.62	\$60.58
	\$1.70	\$1.83	\$0.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$3.90	\$2.76	\$8.25	\$47.95	\$47.40	\$254.90	\$254.90	\$48.01

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
SUMMARY - @ REQUESTED ROR								
1 EQUALIZED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
2								
3 \$/KWH								
4								
5 DEMAND COMPONENTS	\$0.0795	\$0.0552	\$0.0497	\$0.0399	\$0.0353	\$0.0409	\$0.0000	\$0.0417
6 DEMAND PRODUCTION		\$0.0283	\$0.0410	\$0.0317	\$0.0294	\$0.0325	\$0.0000	\$0.0185
7 DEMAND TRANSMISSION		\$0.0056	\$0.0087	\$0.0065	\$0.0059	\$0.0067	\$0.0000	\$0.0034
8 DEMAND SUBSTATION		\$0.0048	\$0.0000	\$0.0018	\$0.0000	\$0.0017	\$0.0000	\$0.0029
9 DEMAND DISTRIBUTION PRIMARY		\$0.0165	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0099
10 DEMAND DISTRIBUTION SECONDARY		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0070
11								
12 ENERGY COMPONENTS	\$0.0068	\$0.0073	\$0.0076	\$0.0073	\$0.0066	\$0.0073	\$0.0000	\$0.0066
13 ENERGY FUEL		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
14 ENERGY NON FUEL		\$0.0073	\$0.0076	\$0.0073	\$0.0066	\$0.0073	\$0.0000	\$0.0066
15								
16 CUSTOMER COMPONENTS	\$0.0127	\$0.0038	\$0.0008	\$0.0007	\$0.0016	\$0.0008	\$0.0000	\$0.0594
17 CUSTOMER SERVICES		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
18 CUSTOMER METER		\$0.0030	\$0.0000	\$0.0000	\$0.0009	\$0.0001	\$0.0000	\$0.0000
19 CUSTOMER METER READING		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
20 CUSTOMER BILLING & COLLECTION		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
21 CUSTOMER SERVICE & INFORMATION		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
22 CUSTOMER OTHER		\$0.0008	\$0.0008	\$0.0007	\$0.0007	\$0.0007	\$0.0000	\$0.0594
23								
24								
25 TOTAL COMPANY	\$0.0989	\$0.0663	\$0.0581	\$0.0480	\$0.0436	\$0.0490	\$0.0000	\$0.1077
26								
27								
28								
29 \$/MONTH/CUSTOMER								
30								
31 TOTAL CUSTOMER COMPONENT \$/MO/CUST		\$327.02	\$4,431.22	\$22,462.96	\$455.23	\$3,331.02	\$2,553.14	\$0.00
32 SERVICES COMPONENT \$/MO/CUST		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33 METERS COMPONENT \$/MO/CUST		\$254.90	\$254.90	\$254.90	\$254.90	\$254.90	\$254.90	\$0.00
34								
35								

Future Test Period Ending 12/31/2018

Total
PNM
Consolidated

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

Future Test Period Ending 12/31/2018		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
	ALLOCATION	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7	
	Total PNM Consolidated								
22									
23	TOTAL REVENUE REQUIREMENTS	932,624,117	463,926,428	120,740,570	153,734,995	20,574,797	95,796,782	5,233,737	2,922,454
24	LESS FUEL	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
26									

PNMTOTALFTY.xlsm

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22 TOTAL REVENUE REQUIREMENTS	14,367,845	4,953,095	24,424,761	203,918	14,026,780	2,221,379	1,922,560	7,574,016
24 LESS FUEL	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447

22
23
24
25
26

PNMDEMANDFTY.xls

DEMAND COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND COMPONENT			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
Future Test Period Ending 12/31/2018								Schedule 5	
	ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	635,976,672	311,095,456	87,271,666	111,058,507	14,784,726	66,992,090	3,304,829	2,120,674
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	635,976,672	311,095,456	87,271,666	111,058,507	14,784,726	66,992,090	3,304,829	2,120,674
26									

PNMDEMANDFTY.xls

DEMAND COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	9,293,242	3,164,615	14,527,664	118,438	8,417,160	1,185,639	641,582	2,000,384
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	9,293,242	3,164,615	14,527,664	118,438	8,417,160	1,185,639	641,582	2,000,384
26								

PNMRODFTY.xls

DEMAND PRODUCTION COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPC CASE NO. 16-00276-UT

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
22								
23 TOTAL REVENUE REQUIREMENTS	407,031,518	196,206,114	54,321,055	70,899,580	8,677,637	46,318,527	2,577,343	1,123,323
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	407,031,518	196,206,114	54,321,055	70,899,580	8,677,637	46,318,527	2,577,343	1,123,323
26								

PNMPRODFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND PRODUCTION COMPONENT
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	4,765,987	2,612,549	11,530,760	98,575	6,690,715	0	285,259	924,095
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	4,765,987	2,612,549	11,530,760	98,575	6,690,715	0	285,259	924,095
26								

PNMTRANFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND TRANSMISSION COMPONENT
Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	88,928,796	43,014,167	11,850,743	15,009,456	1,826,571	9,797,004	538,588	239,904
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	88,928,796	43,014,167	11,850,743	15,009,456	1,826,571	9,797,004	538,588	239,904
26									

PNMTRANFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 18-00276-UT

DEMAND TRANSMISSION COMPONENT
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	950,020	552,067	2,354,840	19,863	1,371,079	1,185,639	51,623	167,232
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	950,020	552,067	2,354,840	19,863	1,371,079	1,185,639	51,623	167,232
26								

PNMDISTFTY.xls

DEMAND DISTRIBUTION COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10	
ALLOCATION		Residential	Small Power	General Power	GP Low LF	Large Power	Industrial Power	Irrigation	
Total PNM Consolidated		1	2	3	4	5	(Mines, Multi Volt) 6	7	
22									
23	TOTAL REVENUE REQUIREMENTS	140,016,358	71,875,175	21,099,869	25,149,472	4,280,518	10,876,559	188,898	757,446
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	140,016,358	71,875,175	21,099,869	25,149,472	4,280,518	10,876,559	188,898	757,446
26									

PNMDISTFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND DISTRIBUTION COMPONENT
Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kV 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	3,577,235	0	642,063	0	355,366	0	304,700	909,057
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	3,577,235	0	642,063	0	355,366	0	304,700	909,057
26								

PNMDISSUBFTY.xls

DEMAND DISTRIBUTION SUBSTATION COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
ALLOCATION			Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Schedule 5	Schedule 10
Total PNM Consolidated			Residential 1	Small Power 2	General Power 3	GP Low LF 4	Large Power 5	Industrial Power (Mines, Multi Volt) 6	Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	22,413,542	10,395,070	3,051,605	3,637,285	619,077	2,439,005	188,898	109,547
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	22,413,542	10,395,070	3,051,605	3,637,285	619,077	2,439,005	188,898	109,547
26									

PNMDISSUBFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND DISTRIBUTION SUBSTATION COMPONENT
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	802,174	0	642,063	0	355,366	0	44,068	129,385
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	802,174	0	642,063	0	355,366	0	44,068	129,385
26								

PNMDISPRIFTY.xls

DEMAND DISTRIBUTION PRIMARY COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND DISTRIBUTION PRIMARY COMPONENT									
Future Test Period Ending 12/31/2018									
		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
							Schedule 5		
		ALLOCATION	Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Industrial Power	Schedule 10	
		Total	Residential	Small Power	General Power	GP Low LF	(Mines, Multi Volt)	Irrigation	
		PNM	1	2	3	4	6	7	
		Consolidated							
22									
23	TOTAL REVENUE REQUIREMENTS	73,441,392	35,960,959	10,556,796	12,582,914	2,141,651	8,437,554	0	378,969
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	73,441,392	35,960,959	10,556,796	12,582,914	2,141,651	8,437,554	0	378,969
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PNM DISPRIFTY.xls

DEMAND DISTRIBUTION PRIMARY COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	2,775,061	0	0	0	0	0	152,449	455,039
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	2,775,061	0	0	0	0	0	152,449	455,039
26								

PNM DISSECTY.xls

DEMAND DISTRIBUTION SECONDARY COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 6	Schedule 10 Irrigation 7
22								
23 TOTAL REVENUE REQUIREMENTS	44,161,424	25,519,146	7,491,469	8,929,273	1,519,790	0	0	268,930
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	44,161,424	25,519,146	7,491,469	8,929,273	1,519,790	0	0	268,930
26								

PNMDISSECFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

DEMAND DISTRIBUTION SECONDARY COMPONENT
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kV 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	108,183	324,633
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	108,183	324,633
26								

PNMCUSTFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER COMPONENT
Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	101,509,362	77,334,778	11,621,477	3,402,555	773,383	1,614,346	59,967	242,925
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	101,509,362	77,334,778	11,621,477	3,402,555	773,383	1,614,346	59,967	242,925
26									

PNMCUSTFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER COMPONENT
Future Test Period Ending 12/31/2018

22
23 TOTAL REVENUE REQUIREMENTS
24 LESS FUEL
25 TOTAL NON-FUEL REVENUE REQUIREMENTS
26

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
	643,583	53,175	269,556	5,463	159,889	30,638	913,716	4,383,912
	0	0	0	0	0	0	0	0
	643,583	53,175	269,556	5,463	159,889	30,638	913,716	4,383,912

PNMDISSVCFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER DISTRIBUTION SERVICE COMPONENT
Future Test Period Ending 12/31/2018

		Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Industrial Power	Schedule 10
		Residential	Small Power	General Power	GP Low LF	Large Power	(Mines, Multi Volt)	Irrigation
	ALLOCATION	1	2	3	4	5	6	7
	Total PNM Consolidated							
22								
23	TOTAL REVENUE REQUIREMENTS	10,697,675	10,250,319	447,356	0	0	0	0
24	LESS FUEL	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	10,697,675	10,250,319	447,356	0	0	0	0
26								

PNMDISSVCFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER DISTRIBUTION SERVICE COMPONENT
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
26								

PNMMETERFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER METER COMPONENT
Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	24,619,918	15,495,273	5,231,776	1,946,985	526,777	694,345	6,118	192,534
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	24,619,918	15,495,273	5,231,776	1,946,985	526,777	694,345	6,118	192,534
26									

PNMMETERFTY.xls

CUSTOMER METER COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	501,642	3,059	3,059	3,059	12,235	3,059	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	501,642	3,059	3,059	3,059	12,235	3,059	0	0
26								

PNMMTRRDGFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER METER READING EXP COMPONENT
Future Test Period Ending 12/31/2018

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	12,692,226	11,295,413	1,275,047	81,667	22,353	5,479	48	8,066
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	12,692,226	11,295,413	1,275,047	81,667	22,353	5,479	48	8,066
26									

PNMMTRRDGFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER METER READING EXP COMPONENT
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	3,959	24	24	24	97	24	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	3,959	24	24	24	97	24	0	0
26								

PNMBILLINGFTY.xls

CUSTOMER RECORDS & COLLECTION COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5 Industrial Power (Mines, Multi Volt)	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 6	Schedule 10 Irrigation 7
22								
23 TOTAL REVENUE REQUIREMENTS	23,548,437	20,982,089	2,098,473	282,942	55,009	110,550	76	12,741
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	23,548,437	20,982,089	2,098,473	282,942	55,009	110,550	76	12,741
26								

PNMBILLINGFTY.xls

CUSTOMER RECORDS & COLLECTION COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	6,253	38	38	38	152	38	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	6,253	38	38	38	152	38	0	0
26								

PNMCUSTOTHFTY.xls

CUSTOMER OTHER COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

	ALLOCATION	Total PNM Consolidated	Residential Schedule 1 Residential 1	Small Power Schedule 2 Small Power 2	General Power Schedule 3B General Power 3	General Power Schedule 3C GP Low LF 4	Large Power Schedule 4 Large Power 5	Mines Schedule 5 Industrial Power (Mines, Multi Volt) 6	Irrigation Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	29,951,104	19,311,684	2,568,825	1,090,962	169,244	803,972	53,725	29,584
24	LESS FUEL	0	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	29,951,104	19,311,684	2,568,825	1,090,962	169,244	803,972	53,725	29,584
26									

PNMCUSTOTHFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER OTHER COMPONENT
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22 TOTAL REVENUE REQUIREMENTS	131,730	50,054	266,434	2,342	147,404	27,517	913,716	4,383,912
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	131,730	50,054	266,434	2,342	147,404	27,517	913,716	4,383,912

22
23
24
25
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PNMINFIFTY.xls

CUSTOMER SERVICE & INFORMATION COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Total PNM Consolidated	Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
		Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
22								
23 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
26								

PNMINFOFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

CUSTOMER SERVICE & INFORMATION COMPONENT
Future Test Period Ending 12/31/2018

22
23
24
25
26

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
LESS FUEL	0	0	0	0	0	0	0	0
TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0

PNMENERGYFTY.xls

ENERGY COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ENERGY COMPONENT		Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation	
Future Test Period Ending 12/31/2018									
	ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	195,138,083	75,496,194	21,847,427	39,273,932	5,016,688	27,190,346	1,868,942	558,855
24	LESS FUEL	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
26									

PNMENERGYFTY.xls

ENERGY COMPONENT
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22								
23 TOTAL REVENUE REQUIREMENTS	4,431,020	1,735,305	9,627,542	80,017	5,449,731	1,005,102	367,262	1,189,720
24 LESS FUEL	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
26								

PNMENE-FUELFY.xls

ENERGY FUEL
Future Test Period Ending 12/31/2018

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

		Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
		Schedule 1	Schedule 2	Schedule 3B	Schedule 3C	Schedule 4	Industrial Power	Schedule 10
	ALLOCATION	Residential	Small Power	General Power	GP Low LF	Large Power	(Mines, Multi Volt)	Irrigation
		1	2	3	4	5	6	7
		Total						
		PNM						
		Consolidated						
22								
23	TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0
24	LESS FUEL	0	0	0	0	0	0	0
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0
26								

PNMENE-FUELFY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ENERGY FUEL
Future Test Period Ending 12/31/2018

ALLOCATION	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
22 TOTAL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
24 LESS FUEL	0	0	0	0	0	0	0	0
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	0	0	0	0	0	0	0	0
26								

PNMENE-NFUELFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ENERGY NON-FUEL
Future Test Period Ending 12/31/2018

ENERGY NON-FUEL Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines	Irrigation
	ALLOCATION	Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
22									
23	TOTAL REVENUE REQUIREMENTS	195,138,083	75,496,194	21,847,427	39,273,932	5,016,688	27,190,346	1,868,942	558,855
24	LESS FUEL	140,986,737	54,545,796	15,784,707	28,375,310	3,624,544	19,644,951	1,350,305	403,772
25	TOTAL NON-FUEL REVENUE REQUIREMENTS	54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
26									

PNMENE-NFUELFTY.xls

PUBLIC SERVICE COMPANY OF NEW MEXICO
PNM CONSOLIDATED CUSTOMER CLASS COST OF SERVICE STUDY
NMPRC CASE NO. 16-00276-UT

ENERGY NON-FUEL
Future Test Period Ending 12/31/2018

	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Universities 115 kV 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
ALLOCATION								
22								
23 TOTAL REVENUE REQUIREMENTS	4,431,020	1,735,305	9,627,542	80,017	5,449,731	1,005,102	367,262	1,189,720
24 LESS FUEL	3,201,400	1,253,753	6,955,873	57,812	3,937,416	726,183	265,346	859,570
25 TOTAL NON-FUEL REVENUE REQUIREMENTS	1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
26								

Impact Analysis for Alternative Generation and Transmission Demand Cost
Allocation Methodologies

PNM Exhibit SAV-5

Is contained in the following 3 pages

Ln	A	B	C	D	E	F	G	H
	Rate Class	3-Highest CP Summer, 1-Highest CP Winter (Jun-Aug, Dec) at Generator Allocator	12 CP at Generator Allocator	3S1W Higher than 12CP	3S1W Lower than 12CP	Generation Demand Revenue Requirement 3S1WCP	Generation Demand Revenue Requirement 12CP	Difference in Revenue Requirement (3S1WCP - 12CP)
1								
2	1A/1B	49.01486%	47.17026%	1.84%	0.00%	\$196,206,114	\$191,997,813	\$4,208,300
3	2A/2B	13.52213%	12.12081%	1.40%	0.00%	\$54,321,055	\$49,335,532	\$4,985,523
4	3B	17.10139%	18.06388%	0.00%	-0.96%	\$70,899,580	\$73,525,699	-\$2,626,119
5	3C	2.08187%	2.19917%	0.00%	-0.12%	\$8,677,637	\$8,951,314	-\$273,677
6	4B	11.16661%	11.85824%	0.00%	-0.69%	\$46,318,527	\$48,266,778	-\$1,948,251
7	5B	0.61244%	0.68787%	0.00%	-0.08%	\$2,577,343	\$2,799,856	-\$222,513
8	10A/10B	0.27412%	0.26310%	0.01%	0.00%	\$1,123,323	\$1,070,888	\$52,435
9	11B	1.08387%	1.29799%	0.00%	-0.21%	\$4,765,987	\$5,283,244	-\$517,257
10	15B	0.63011%	0.60535%	0.02%	0.00%	\$2,612,549	\$2,463,967	\$148,581
11	30B	2.68171%	3.34390%	0.00%	-0.66%	\$11,530,760	\$13,610,709	-\$2,079,948
12	33B	0.02267%	0.01978%	0.00%	0.00%	\$98,575	\$80,521	\$18,054
13	35B	1.56211%	1.68593%	0.00%	-0.12%	\$6,690,715	\$6,862,257	-\$171,542
14	36B	0.00000%	0.00000%	0.00%	0.00%	\$0	\$0	\$0
15	6	0.05805%	0.16127%	0.00%	-0.10%	\$285,259	\$656,432	-\$371,173
16	20	0.18805%	0.52244%	0.00%	-0.33%	\$924,095	\$2,126,508	-\$1,202,413
17	Total	100.00000%	100.00000%			\$407,031,518	\$407,031,518	\$0

Note: The Difference in Revenue Requirement (col H) is the amount by which the allocated revenue requirement is higher by using 3S1WCP instead of 12CP.

Ln	A	B	C	D	E	F	G	H
	Rate Class	3-Highest CP Summer, 1-Highest CP Winter (Jun-Aug, Dec) at Generator Allocator	AED Class Allocators	3S1W Higher than AED	3S1W Lower than AED	Generation Demand Revenue Requirement 3S1WCP	Generation Demand Revenue Requirement AED	Difference in Revenue Requirement (3S1WCP - AED)
1								
2	1A/1B	49.01486%	44.84714%	4.17%	0.00%	\$196,206,114	\$182,541,984	\$13,664,130
3	2A/2B	13.52213%	13.14501%	0.38%	0.00%	\$54,321,055	\$53,504,333	\$816,722
4	3B	17.10139%	16.39107%	0.71%	0.00%	\$70,899,580	\$66,716,810	\$4,182,769
5	3C	2.08187%	2.65469%	0.00%	-0.57%	\$8,677,637	\$10,805,431	-\$2,127,794
6	4B	11.16661%	10.60931%	0.56%	0.00%	\$46,318,527	\$43,183,240	\$3,135,286
7	5B	0.61244%	0.77027%	0.00%	-0.16%	\$2,577,343	\$3,135,230	-\$557,888
8	10A/10B	0.27412%	0.45226%	0.00%	-0.18%	\$1,123,323	\$1,840,834	-\$717,511
9	11B	1.08387%	3.24024%	0.00%	-2.16%	\$4,765,987	\$13,188,781	-\$8,422,795
10	15B	0.63011%	1.02318%	0.00%	-0.39%	\$2,612,549	\$4,164,673	-\$1,552,124
11	30B	2.68171%	2.81124%	0.00%	-0.13%	\$11,530,760	\$11,442,638	\$88,123
12	33B	0.02267%	0.03999%	0.00%	-0.02%	\$98,575	\$162,759	-\$64,184
13	35B	1.56211%	1.57366%	0.00%	-0.01%	\$6,690,715	\$6,405,307	\$285,408
14	36B	0.00000%	1.62678%	0.00%	-1.63%	\$0	\$6,621,526	-\$6,621,526
15	6	0.05805%	0.19228%	0.00%	-0.13%	\$285,259	\$782,634	-\$497,375
16	20	0.18805%	0.62288%	0.00%	-0.43%	\$924,095	\$2,535,338	-\$1,611,243
17	Total	100.00000%	100.00000%			\$407,031,518	\$407,031,518	\$0

Note: The Difference in Revenue Requirement (col H) is the amount by which the allocated revenue requirement is higher by using 3S1WCP instead of AED.

Ln	A	B	C	D	E	F	G	H	I
	Rate Class	3-Highest CP Summer, 1-Highest CP Winter (Jun-Aug, Dec) at Transmisison Allocator	12 CP at Transmission Allocator	Allocator Difference (3S1WCP - 12CP)	3S1WCP Higher than 12CP	3S1WCP Lower than 12CP	Transmission Demand Revenue Requirement 3S1WCP	Transmission Demand Revenue Requirement 12CP	Difference in Revenue Requirement (3S1WCP - 12CP)
1									
2	1A/1B	48.36922%	46.67099%	1.69823%	1.70%	0.00%	\$43,014,167	\$41,503,951	\$1,510,217
3	2A/2B	13.32610%	11.97895%	1.34715%	1.35%	0.00%	\$11,850,743	\$10,652,738	\$1,198,005
4	3B	16.87806%	17.87758%	-0.99952%	0.00%	-1.00%	\$15,009,456	\$15,898,313	-\$888,857
5	3C	2.05397%	2.17667%	-0.12270%	0.00%	-0.12%	\$1,826,571	\$1,935,687	-\$109,116
6	4B	11.01668%	11.73755%	-0.72087%	0.00%	-0.72%	\$9,797,004	\$10,438,065	-\$641,061
7	5B	0.60564%	0.68220%	-0.07656%	0.00%	-0.08%	\$538,588	\$606,673	-\$68,085
8	10A/10B	0.26977%	0.26014%	0.00963%	0.01%	0.00%	\$239,904	\$231,336	\$8,568
9	11B	1.06829%	1.28598%	-0.21768%	0.00%	-0.22%	\$950,020	\$1,143,603	-\$193,583
10	15B	0.62080%	0.59763%	0.02316%	0.02%	0.00%	\$552,067	\$531,467	\$20,600
11	30B	2.64801%	3.31230%	-0.66429%	0.00%	-0.66%	\$2,354,840	\$2,945,585	-\$590,745
12	33B	0.02234%	0.01949%	0.00284%	0.00%	0.00%	\$19,863	\$17,334	\$2,529
13	35B	1.54177%	1.66964%	-0.12787%	0.00%	-0.13%	\$1,371,079	\$1,484,788	-\$113,709
14	36B	1.33325%	1.05059%	0.28266%	0.28%	0.00%	\$1,185,639	\$934,277	\$251,362
15	6	0.05805%	0.16047%	-0.10242%	0.00%	-0.10%	\$51,623	\$142,701	-\$91,078
16	20	0.18805%	0.51983%	-0.33178%	0.00%	-0.33%	\$167,232	\$462,278	-\$295,046
17	Total	100.00000%	100.00000%	0.00000%			\$88,928,796	\$88,928,796	\$0

Note: The Difference in Revenue Requirement (col I) is the amount by which the allocated revenue requirement is higher by using 3S1WCP instead of 12CP.

ECCOSS Model User's Manual

PNM Exhibit SAV-6

Is contained in the following 24 pages

Public Service Company of New Mexico (PNM)
Embedded Class Cost of Service Study (ECCOSS) User's Manual
Using Microsoft Excel Version 2007

December 2016

Originally prepared by

Management Applications Consulting, Inc.

11003 Rocky Drive, Suite 201

Reading, PA 19607

November 23, 2009

Supplemented with Company details after purchase

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

Table of Contents

OVERVIEW	3
Program Requirements	3
Hardware Requirements	3
Software Requirements	3
User Knowledge Requirements	3
Basic Excel Instructions	4
STRUCTURE	4
WORKBOOK ORGANIZATION	4
WORKSHEET TABS	5
COST OF SERVICE	5
FUNCTIONS	6
UNBUNDLED	7
LINKS	7
Updating Links	7
COMPONENTS	8
EXECUTION	9
OPERATION INSTRUCTIONS	9
MODEL NOTES	9
OPENING THE MODEL	9
WORKSHEET MENU OPTIONS	13
View Schedules	13
Print Schedules	15
COST OF SERVICE TAB MODIFICATIONS:	17
RUNNING THE MODEL:	20
OUTPUTS	23
Outputs for Filing Requirements	23
Outputs for Rate Design	24

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

OVERVIEW

The cost of service model used by Public Service Company of New Mexico (PNM) is an Embedded Class Cost of Service Study Model (ECCOSS or model) created by Management Applications Consulting, Inc. (MAC), 1103 Rocky Drive, Suite 201, Reading, PA 19609. This model produces an accounting cost of service study to identify class costs of service and revenue requirements suitable for PNM's rate case filing. This model produces studies identifying costs by component (capacity, energy and customer) and by function (production, transmission and distribution).

ECCOSS is linked to the PNM Exhibit HEM-3 sponsored by PNM Witness Monroy; therefore, any changes to values provided via the PNM Exhibit HEM-3 must be done in those studies, and not in ECCOSS. **Overwriting the links in ECCOSS to PNM Exhibit HEM-3 will invalidate ECCOSS.**

Program Requirements

This cost of service program is designed to run on a computer with a hard disk drive. MAC employs a Visual Basic shell to facilitate the use of ECCOSS. Visual Basic macros execute the functionality of the program and aid the user in navigating the model and printing model outputs.

Hardware Requirements

- a) IBM compatible computer with 512 megabytes of random access memory (RAM)
- b) One CD-ROM or Zip drive
- c) One hard disk drive/network access

Software Requirements

- a) Microsoft Windows 98 or newer
- b) Microsoft Excel 2000 or 2002 XP or newer
- c) Macros must be enabled in Microsoft Excel for the model to execute

User Knowledge

- a) ECCOSS is a Microsoft Excel macro-enabled workbook.
 - i) A user must be experienced in the use of Microsoft Excel
 - ii) A user must have at least a working knowledge of Microsoft Excel macros (which are written in Visual Basic for Applications (VBA)) in order to fully execute the program
 - iii) Modifications to the internal structure of the spreadsheets are not permitted, and if attempted, will invalidate the model. ECCOSS has been protected to ensure model validity.
 - iv) Any user-changeable cells within ECCOSS have been unlocked and can be modified. Certain other critical cells must remain unlocked to ensure proper running of the model, but users must

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

use discretion when making changes to any cells that are not marked as user-changeable. Deleting cells or modifying cells that are not user-changeable can have a cascading effect that will invalidate the model.

- v) When certain macros are executed (when the model is "run") several component files are created ("component files")
- b) ECCOSS is an externally-linked model
 - i) Some inputs to the model come from externally-linked files
 - ii) A user must understand how to identify, create, and modify external links to other files
- c) ECCOSS is an embedded class cost of service model
 - i) A user must understand the principles and terminology of cost of service studies and cost allocation theory
 - ii) The model utilizes the cost of service concepts of *functionalization* of investments and expenses, *classification* of costs, and *allocation* of costs among customer classes

Basic Microsoft Excel Instructions

Always open ECCOSS in its own instance of Microsoft Excel. Opening ECCOSS in an instance of Microsoft Excel where another spreadsheet is opened will turn off manual calculation, which is a requirement of the model. The recalculation mode in ECCOSS is set to manual due to the use of programmed circular references. All ECCOSS files including the total system file and cost component files contain iterative recalculations. To recalculate the model, press the Calculate Now button (F9).

Hidden files (such as personal.xls) should be closed prior to opening ECCOSS. ECCOSS contains custom command macros which refer to "Workbook1" and errors will occur as these macros try to access the hidden files rather than the intended file. Upon opening Microsoft Excel, the user can determine if any files are hidden by reviewing the "Window" menu on the Excel 2003 toolbar or the "Window" section of the Microsoft Excel 2007 "View" ribbon.

If there are no hidden files, the "Unhide" option will be shaded and the option will not be available (in Microsoft Excel 2003 version). If there are hidden files, the user should "Unhide" and "Close" these files prior to opening ECCOSS.

STRUCTURE

WORKBOOK ORGANIZATION

ECCOSS contains ten tabs. The first tab, named "Copyright", includes a Non-disclosure Agreement (full text below), identifies the Copyrights of the program, which is owned by MAC, and identifies the NMPRC Case number assigned to the filing. The next tab, named "Read Me", includes general, high-level user guidelines for understanding the model. The next three tabs consist of the primary functionality of the model, and will

Public Service Company of New Mexico
 Embedded Class Cost of Service Study User's Manual
 Microsoft Excel (Supplemented for 2007)

be explained in depth in the next section. The next five tabs are the dialog sheets that are used to get information from the user while executing the functionality of the built-in macros.

WORKSHEET TABS

There are three primary tabs that comprise ECCOSS functionality, and are named:

COST OF SERVICE
 FUNCTIONS
 UNBUNDLED

COST OF SERVICE

The COST OF SERVICE tab is **where functionalization of costs occurs**, and all inputs to the model reside. Each section below can be viewed by use of the Add-ins Ribbon Menu Tab Options (see below).

- a) The structure of this tab, in terms of the **rows** of data, is outlined below. Section (i) describes the summaries that the model reports. The rows in sections (ii)-(viii) comprise the functionalization of costs. The assignment of costs to functions follows the accounting categories defined in the Uniform System of Accounts (USOA) prescribed by the Federal Energy Regulatory Commission (FERC) in the Code of Federal Regulations (CFR) Title 18, Subchapter C, Part 101.
 - i) Summary of Results section
 - (1) Rate of Return at Existing Rates
 - (2) Requested Rate of Return
 - (3) Requested Revenue Increase by Class
 - ii) Rate Base section (Net Original Cost Rate Base)
 - (1) Plant in Service
 - (2) Additions and Deductions to Rate Base
 - (a) Accumulated Deferred Income Taxes and Credits (ADIT)
 - (b) Regulatory Assets & Liabilities
 - (c) Other Rate Base Items
 - (d) Working Capital
 - iii) Operating Revenues section
 - (1) Sales Revenues
 - (a) Non-fuel Revenue
 - (b) Base Fuel Revenue
 - (2) Other Operating Revenues and Credits
 - iv) Operation and Maintenance Expense section
 - (1) Base Fuel Related
 - (2) Non-fuel Expense
 - v) Depreciation and Amortization section
 - vi) General Taxes and Other Expenses section
 - vii) Federal, State and Revenue Tax Calculations section

Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

- (1) At Existing Rates
- (2) At Requested Rate of Return
- (3) At Requested Revenue Increase by Class
- viii) Income Tax Adjustments section
- ix) Capital Structure
- x) Working sections
 - (1) Revenue Requirements used in Unbundled Rates (internal calculations used during model runs)
 - (2) Allocation Factors
 - (3) Allocation Ratios
- b) The structure, as it pertains to **columns**, is outlined below.
 - i) Column A: row numbers
 - ii) Column B: descriptions of line items
 - iii) Column C: allocation identifiers
 - iv) Column D: Total PNM Consolidated costs
 - v) Columns E through S: rate schedule allocated costs
 - vi) Column T: spacer (empty)
 - vii) Column U: spacer (empty)
 - viii) Column V: input data for cost lines from summary cost of service model
 - ix) Column W: spacer (empty)
 - x) Column X: reference
 - xi) Column Y: notes

FUNCTIONS

The FUNCTIONS tab is **where classification of costs occurs**. Unbundled component totals are separated into cost classifications when running the model. The three principle components (classifications) are **demand costs, energy costs, and customer costs**. The model also creates sub-components for specific purposes, such as identifying costs at a more granular level. Rows in this tab are identical to rows in the COST OF SERVICE tab. Columns in this tab (D through AA) correspond to the components of functionalized cost. This component structure is explained below.

When the model runs, a file is created for each component (referred to above as the "component files"). In other words, running the model recalculates the COST OF SERVICE tab based on logical switches iterated within the macro itself, and then creates the component file(s). The macro brings the totals in from the component files and writes them in the corresponding columns in the FUNCTIONS tab. The headers at the top of each column identify the respective component (with blank, numerated columns for future expansion). Column AB is a "cross-check formula" column, which calculates the proof that each line item allocated in each component file reconciles to the total in column D (Total Company). This is a critical quality control indicator for the model. Any line item difference that cannot be attributed to "rounding" indicates a problem with an allocation in that respective line, and should be investigated in the COST OF SERVICE tab to determine corrective action.

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

UNBUNDLED

The UNBUNDLED tab is **where allocation of costs occurs**, as the components are allocated to rate classes. Columns in this tab are identical to the COST OF SERVICE tab. There are sections in the UNBUNDLED tab for every component that identify the specific allocated amounts respective to that component, either under existing rates or proposed rates. Running the model brings the allocated component totals in from the component files and writes them in corresponding sections in the UNBUNDLED tab. At the end of the tab are summaries for revenue requirements under existing rates and for revenue requirements under proposed rates. The summaries identify allocated totals for all levels of components, summing to total company revenue requirements.

LINKS

Some inputs to ECCOSS come from externally-linked workbooks, and other data sources including:

- 1) PNM Exhibit HEM-3 – This file contains the financial data that documents the overall cost for the total revenue requirement in the rate case filing.
- 2) PNM's Summary Allocators Model, filed as PNM Exhibit SAV-3 – This file provides ECCOSS with the necessary data for making major calculations: existing revenues at existing rates, demand allocators, kWh at generation and meter, number of customers.
- 3) Data pulls from PNM Books and Records used in allocations:
 - a) Customer Deposits – data from the General Ledger
 - b) Uncollectible Detail - data from the General Ledger
 - c) Meter Counts – data from customer information system
 - d) Distribution O&M Labor Detail - data from the General Ledger/budget
 - e) Services and Meters Costs – data from an internal study dated June 16, 2014 on the cost of services and meters

Updating Links

To update linked information, ECCOSS must be open. Links can be updated in two ways: (1) with the linked file(s) also open, or (2) through the Microsoft Excel menu ribbon.

1. Linked files open
 - a. Open ECCOSS.
 - b. Open all linked files that should be updated.
 - c. Press the Calculate Now button (F9). Reminder: automatic recalculation is turned off in ECCOSS.
2. Microsoft Excel menu ribbon
 - a. Open ECCOSS.
 - b. In the menu ribbon, choose the Data tab.

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

- c. In the Connections group, click Refresh All. This will update all links.
- d. To verify that links have been updated click Edit Links. The Edit Links dialog box opens and displays all linked files.
- e. Click on Check Status. Under the Status column all links should indicate OK, meaning the links have been updated.
- f. Click on Close.
- g. Press the Calculate Now button (F9). Reminder: automatic recalculation is turned off in ECCOSS.

COMPONENTS

ECCOSS provides allocated revenue requirements at a Total Company level, at the Demand-, Energy- and Customer-level (which sum to the Total Company level), and sub-levels in which revenue requirements cascade. Each of these is referred to as a component, and each component has its own file that is produced when executing a specific macro. The component structure is shown below.

COMPONENT SWITCHES

Level				Component Description
T	A	B	C	
1				Total
↑ 2				Demand
↑		6		Demand-Production
↑		7		Demand-Transmission
↑		8		Demand-Distribution
↑		9		Demand-Distribution Substation
↑		10		Demand-Distribution Primary
↑		11		Demand-Distribution Secondary
↑ 4				Customer
↑		12		Cust-Distribution Services
↑		13		Cust-Meter
↑		14		Cust-Meter Reading
↑		15		Cust-Billing
↑		16		Cust-Service & Info
↑		17		Cust-Customer Other
↑ 3				Energy
↑		18		Energy-Fuel
↑		19		Energy-Non-Fuel

Key

- T Total
- A Primary
- B Secondary
- C Tertiary
- ↑ Summation

Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

This program is not limited to the above listed components and functions; it provides the flexibility to add additional components or functions. Changes must not be made in the component or subcomponent files, as any changes made in these files will not be reflected in ECCOSS, and will invalidate the model.

EXECUTION

OPERATION INSTRUCTIONS

MODEL NOTES

Font Color Matters:

In COST OF SERVICE:

Black Font: Denotes cells with internal model calculations or items that are locked and cannot be changed.

Pink Font: Denotes cells that are linked externally to other files. Some of these cells are locked and cannot be changed. Others are unlocked so the model can execute macros. None of these cells should be modified directly, as the integrity of the model will be compromised. Modifications to these cells are made by opening the linked file, and modifying the data in the linked cell. Once the linked file is modified and saved, then ECCOSS can be updated with the result and run again to show the impact of the modifications.

Blue Font: In column "C" blue font denotes cells where information CAN be manually changed. These are the names of allocators used to allocate costs to rate classes. The list of allocator names can be found in the Allocation Factor Ratio Table (Add-ins Menu, COSS, View Schedules, Allocation Factor Ratio Table). Entering an undefined allocator name will compromise the model.

Recalculation:

The automatic calculation feature has been turned off. After making a change, you can see the results by hitting "F9" to manually calculate the row or section.

Use Caution: If an invalid allocator is used or data is missing, hitting "F9" can result in "#Ref!" errors that WILL invalidate model results and can be difficult to clear.

File Path and Directory:

If changes are made to the model, and those changes need to be saved and the model needs to be run, ensure that the file path and directory for saving the file are set to the appropriate location.

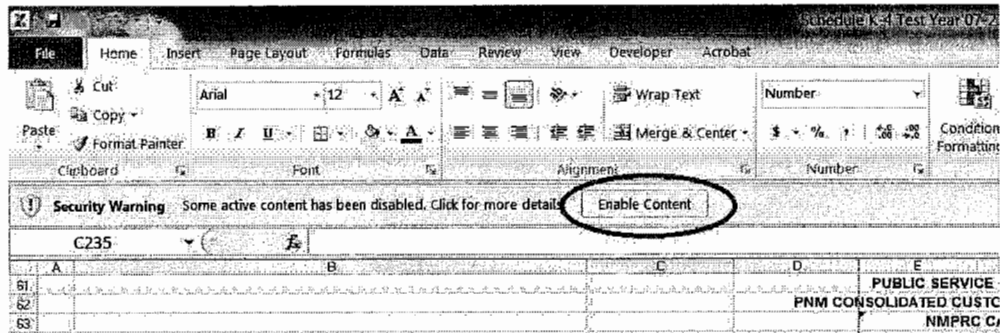
OPENING THE MODEL

1. Open the model in a new instance of Microsoft Excel. Note: Make sure this is the first instance of Microsoft Excel open or the model will NOT run properly. See Basic Excel Instructions above.
2. Locate the CD-ROM labeled "2015 Electric Rate Case Filing Case No. 16-00267-UT Cost of Service Model, Embedded Class Cost of Service and Rate Design including Workpapers". On the disk, Navigate to the folder labeled ECCOSS. There are two subdirectories here containing ECCOSS models, one for Base Period, and one for Test Year. Navigate to the directory for the one you want

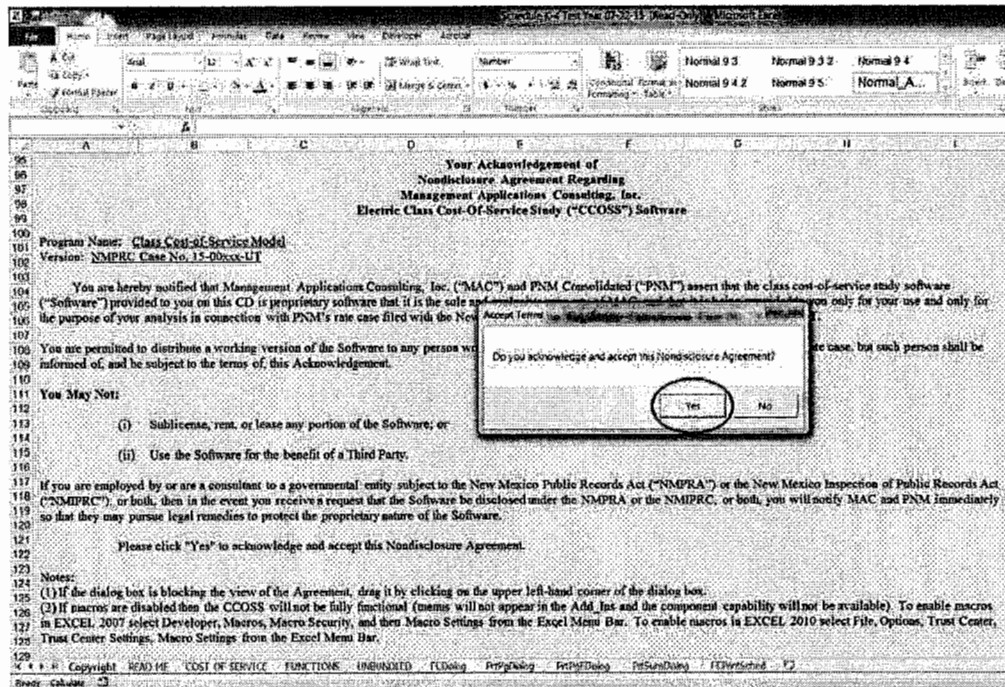
Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

to open. In the directory is a file named PNMTOTAL??.xslm (where ?? is BY for Base Year, or FTY for Test Year). Select and open this file.

3. Enable Content. Click the "Enable Content" button. If you do not enable content, you cannot execute the model.



4. Acknowledge the Nondisclosure Agreement (NDA) terms. After reviewing the NDA, click the "Yes" button to acknowledge the terms of the nondisclosure agreement. If you do not click "Yes" the model will close. The NDA is presented in full below.



**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

ECCOSS Nondisclosure Agreement:

**Your Acknowledgement of
Nondisclosure Agreement Regarding
Management Applications Consulting, Inc.
Electric Class Cost-Of-Service Study ("CCOSS") Software**

Program Name: Class Cost-of-Service Model

Version: NMPRC Case No. 16-00267-UT

You are hereby notified that Management Applications Consulting, Inc. ("MAC") and PNM Consolidated ("PNM") assert that the class cost-of-service study software ("Software") provided to you on this CD is proprietary software that it is the sole and exclusive property of MAC, and that it is being provided to you only for your use and only for the purpose of your analysis in connection with PNM's rate case filed with the New Mexico Public Regulatory Commission Case No. 16-00267-UT.

You are permitted to distribute a working version of the Software to any person working under your direction for the purposes of analysis of this rate case, but such person shall be informed of, and be subject to the terms of, this Acknowledgement.

You May Not:

- (i) Sublicense, rent, or lease any portion of the Software; or
- (ii) Use the Software for the benefit of a Third Party.

If you are employed by or are a consultant to a governmental entity subject to the New Mexico Public Records Act ("NMPRA") or the New Mexico Inspection of Public Records Act ("NMIPRC"), or both, then in the event you receive a request that the Software be disclosed under the NMPRA or the NMIPRC, or both, you will notify MAC and PNM immediately so that they may pursue legal remedies to protect the proprietary nature of the Software.

Please click "Yes" to acknowledge and accept this Nondisclosure Agreement.

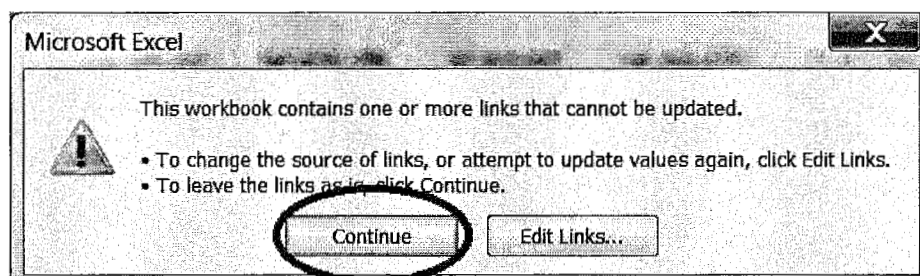
Notes:

(1) If the dialog box is blocking the view of the Agreement, drag it by clicking on the upper left-hand corner of the dialog box.

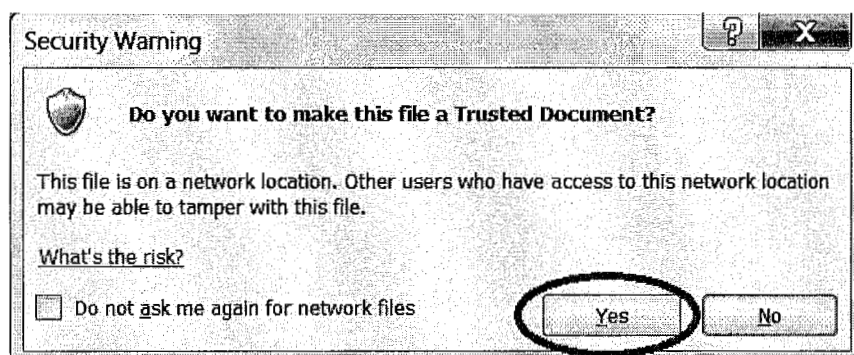
(2) If macros are disabled then the ECCOSS will not be fully functional (menus will not appear in the Add_Ins and the component capability will not be available). To enable macros in Microsoft Excel 2007, select Developer, Macros, Macro Security, and then Macro Settings from the Microsoft Excel Menu Bar. To enable macros in Microsoft Excel 2010, select File, Options, Trust Center, Trust Center Settings, Macro Settings from the Microsoft Excel Menu Bar.

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

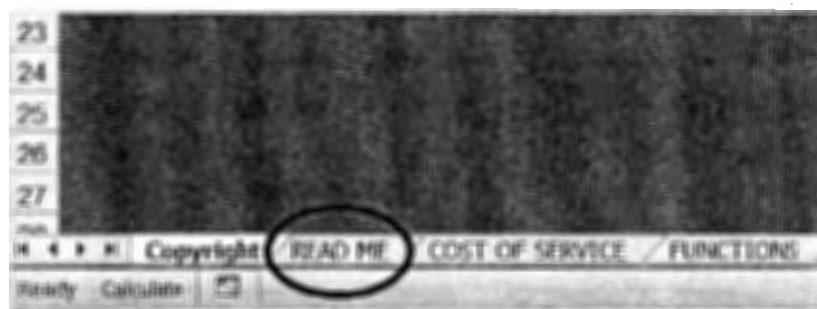
5. Click "Continue". The next box that shows is a notice regarding updating of linked data. Click "Continue" to progress to the next step. All links can be edited later in Microsoft Excel under the "Data" menu tab, and in the "Connections" group, by selecting "Edit Links". Also, see the section on updating links.



6. The first time the model is opened, a message appears asking the user to trust the file. Click "Yes" to make the file a trusted document.



7. Click on the "READ ME" tab. This takes you to a section in the model that has high-level, general overview instructions for the model. The instructions in the READ ME tab are not meant to be comprehensive.



8. If the intent is to modify the file, the model and all linked files must be copied to a directory in which the user has read/write access.

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

WORKSHEET MENU OPTIONS

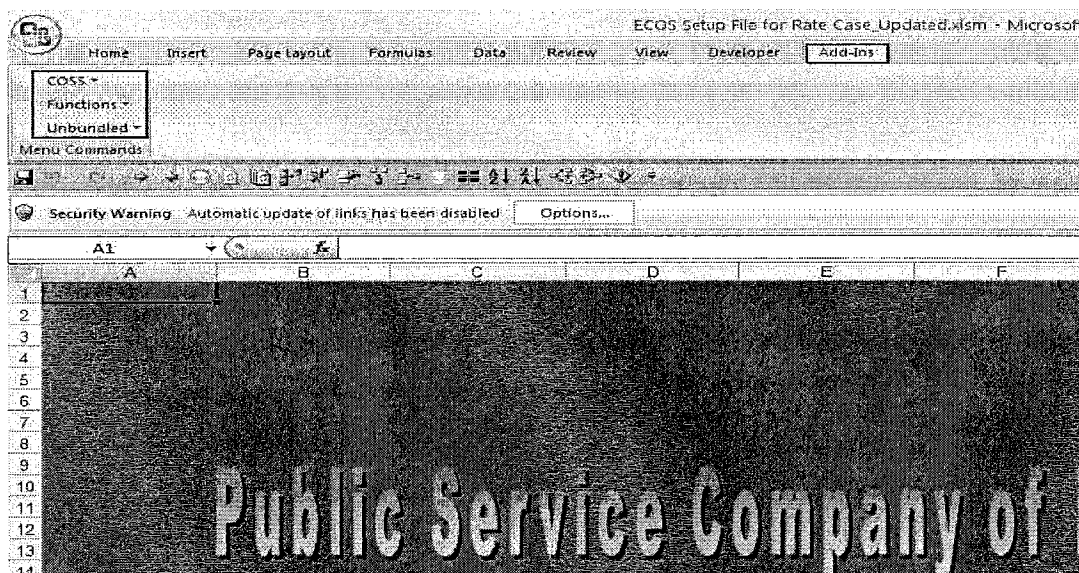
MAC employs a Visual Basic shell to facilitate the use of MAC's cost of service program. A Visual Basic macro adds menu options to the standard toolbar to aid the user in developing and using the model. In the Microsoft Excel 2007 version, the additional menu options will be included in the "Add In" ribbon. When ECCOSS is opened, the menu bar options *COSS*, *Functions* and *Unbundled* will be added to the standard toolbar and will automatically be displayed along the top of the screen. In addition, worksheet tabs entitled "COST OF SERVICE", "FUNCTIONS" and "UNBUNDLED" will be displayed along the bottom of the screen.

To choose a menu option, you may click the selection with the mouse pointer and use the directed keys to move to the menu option and then enter <Enter>. Each of the menu bar options contains a submenu and/or dialog box.

Add-Ins Ribbon Menu Tab Options

Once the Add-Ins ribbon tab is selected, the menu shown in Figure 1 will appear. All of the submenu options work with the "COST OF SERVICE" worksheet.

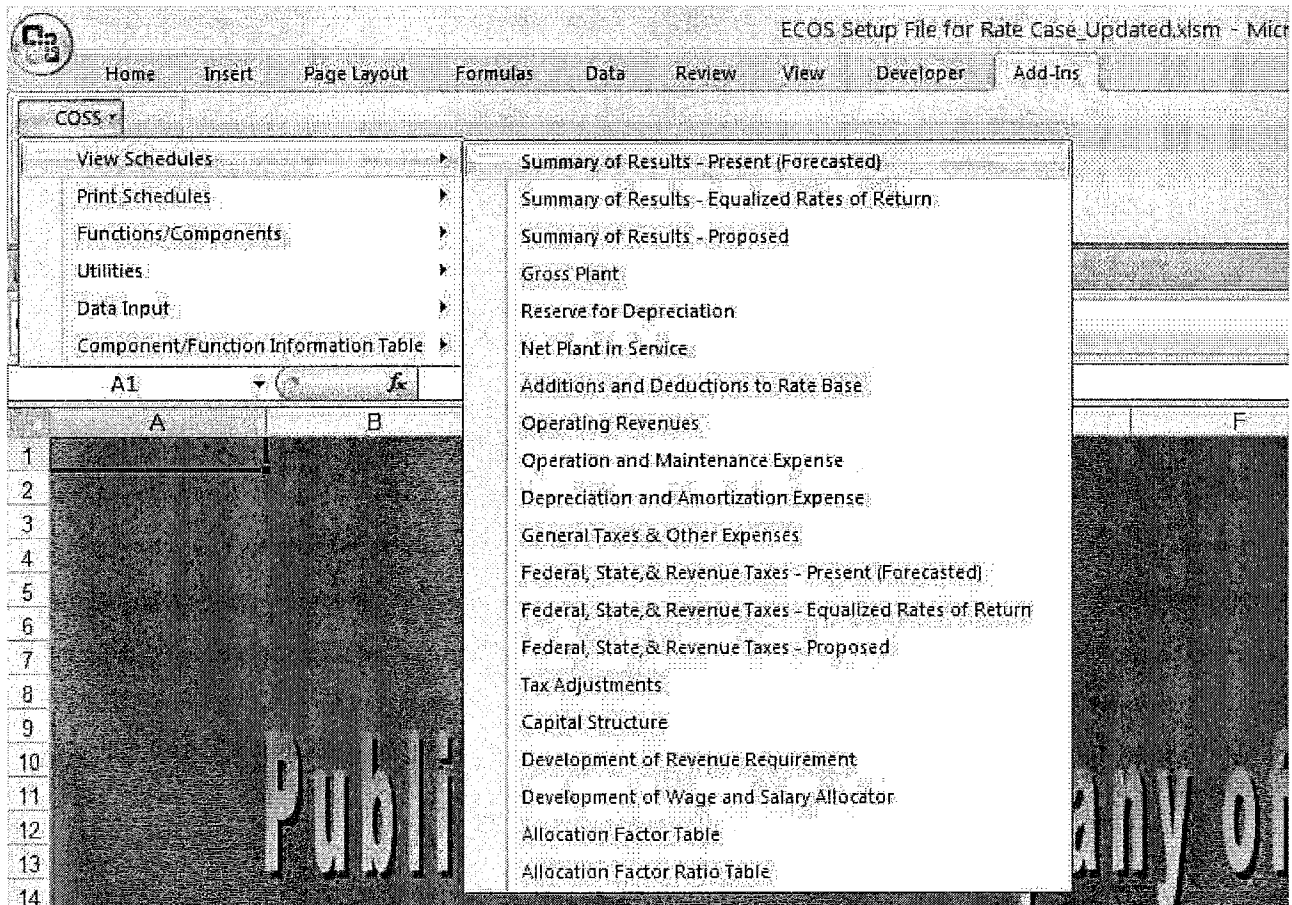
FIGURE 1:



View Schedules – When the Add-Ins ribbon tab submenu option "View Schedules" is selected, the submenu options displayed in Figure 2 will appear. This submenu option moves the cursor to the selected schedule of the cost of service model. It will automatically set up worksheet row and column titles for the menu options selected.

Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

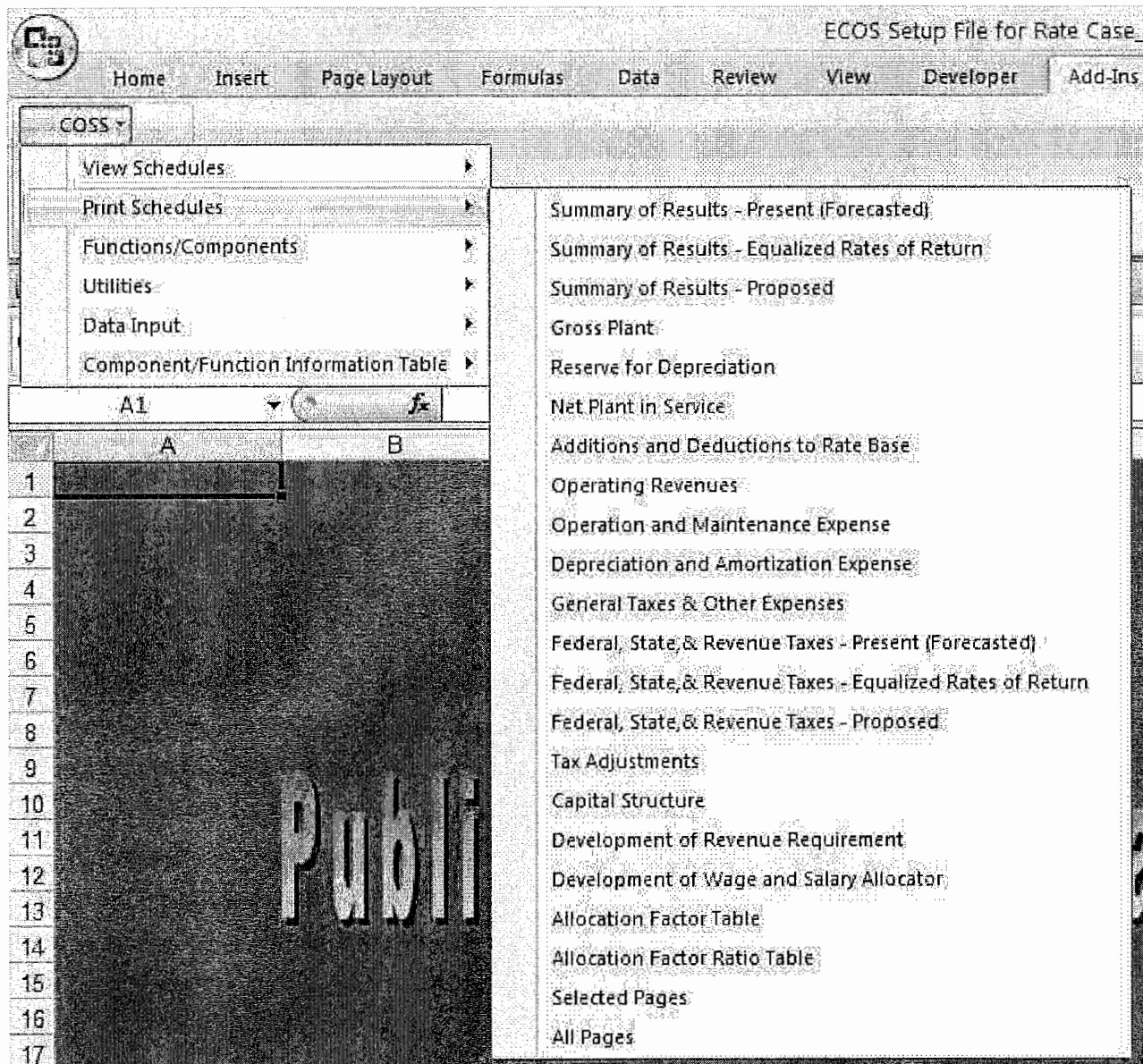
FIGURE 2



Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

Print Schedules – The Print Schedules submenu bar option displays the submenu shown in Figure 3. The “Print Schedules” submenu option allows the flexibility to print the entire ECCOSS, a section of the ECCOSS or selected individual pages.

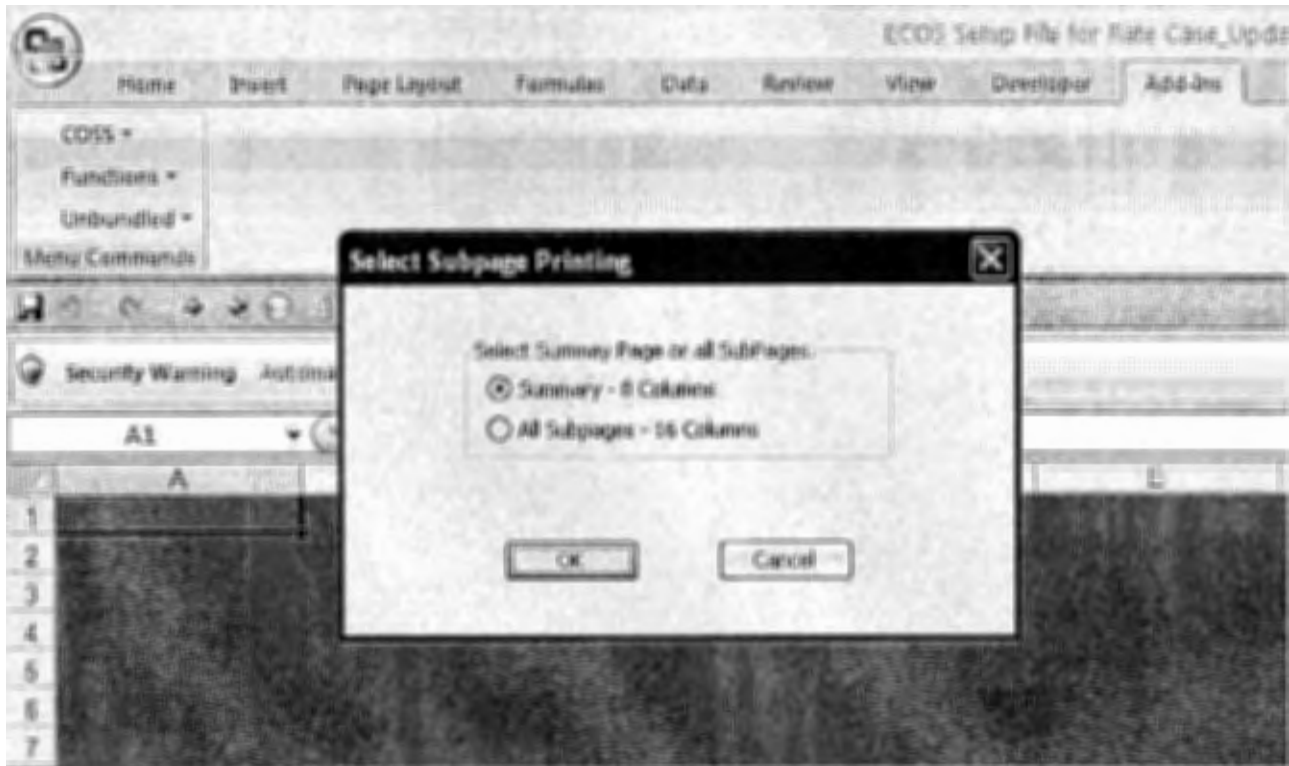
FIGURE 3



Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

When a print selection is made, another dialog box will appear as shown in Figure 4. This dialog box displays a selection to print either a Summary Page or All Subpages of the schedules selected for print. The print Summary Page option prints just the first subpage of the selected schedules while the print All Subpages prints both of the subpages of the schedule selected for print.

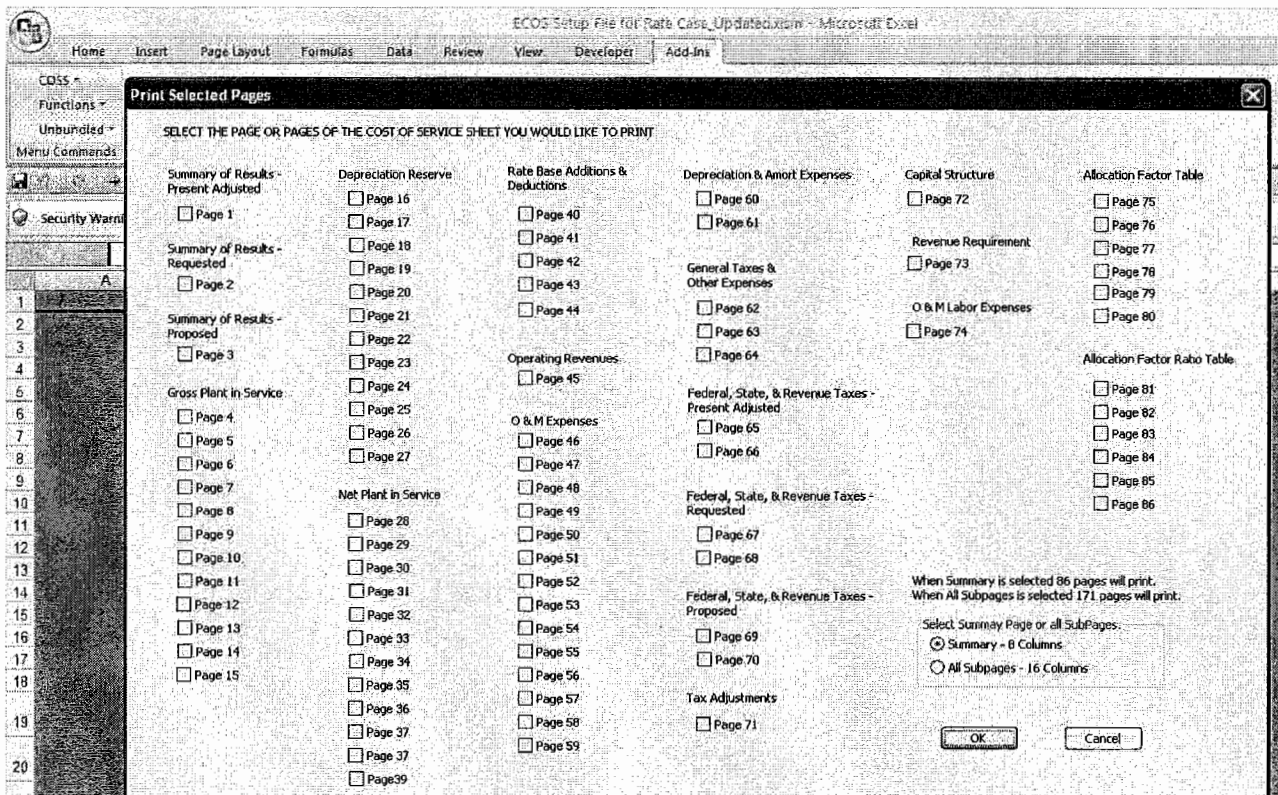
FIGURE 4



Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

If the "Print Selected Pages" option is selected from the Print Schedules submenu, a dialog box as shown in Figure 5 is displayed. Any or all pages may be chosen. The model output will be printed in landscape orientation on 8 ½" x 11" paper.

FIGURE 5



COST OF SERVICE TAB MODIFICATIONS:

Tab Structure:

The first three sections, or pages, are Revenue Requirement Summaries ("Summary of Results" sections): A revenue requirement schedule produces revenue levels by cost component and/or function on a total utility system basis for any specified claimed or "Proposed" rate of return level by customer class. The revenue requirement schedule also contains a "Requested Revenue Increase" section that shows the rate of return levels by customer class after inputting revenues which are the result of a revenue allocation methodology different from that at equalized rates of return. The Summaries are:

- "Forecasted Summary of Results – ROR @ Existing Rates"
- "Forecasted Summary of Results – @Requested ROR"
- "Forecasted Summary of Results – Requested Revenue Increase by Class"

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

The next group of sections follows the structure of PNM Exhibit HEM-3. Specifically, these sections include all of the major sections of PNM Exhibit HEM-3, including a couple of internal calculation sections.

Inputs from the PNM Exhibit HEM-3

- Rate Base
- Operating Revenues
- Operation & Maintenance Expense
- Depreciation & Amortization Expense
- General Taxes & Other Expenses

Internal Calculation Sections

- Federal, State and Revenue Tax Calculation – ROR @ Existing Rates
- Federal, State and Revenue Tax Calculation –@ Requested ROR
- Federal, State and Revenue Tax Calculation – Requested Revenue Increase by Class

Inputs from the PNM Exhibit HEM-3

- Income Tax Adjustments
- Capital Structure

Internal Calculation Sections

- Revenue Requirements Used in Unbundled Revenues

The following group of sections is called the “Working Section”. In this section we link in class-level billing determinants and most of the allocators that are used in the model. There are also allocators in this section that are calculated within the model and will be found in this group of sections.

Billing Determinants

- Annual Customers
- Revenue Required – \$/MO/CUST
- REV DEFIC PER BILLING UNIT
- Revenue Requirements (Non-Fuel Current and Non-Fuel Proposed)

Internally Calculated Allocation Factors

- Operation & Maintenance
- Customer Accounting
- Customer Service & Information
- Sales
- Administrative & General Expense

Allocation Factors linked in from the Summary Allocators Model (PNM Exhibit SAV-3) file

- Demand- Production Related
- Demand – Transmission Related
- Demand – Distribution Related
- Energy Related
- Customer Related

Internally Developed Allocation Factors (model-driven calculations)

- Various Plant-level and Account-level Allocators
- Revenue Related (some links to external data)

Allocation Factors linked to External Files

- Revenues from Sales (Linked to Summary Allocators Model, PNM Exhibit SAV-3)

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

Ratio Table

- This section follows the allocator structure outlined above. In this section, allocation ratios for each class are calculated.

How To:

1. Modify values from PNM Exhibit HEM-3:

- a. ECCOSS has already been linked to PNM Exhibit HEM-3, so no modification to the linkage is necessary. If modifications to balances are desired, they must be made in the PNM Exhibit HEM-3, then links must be updated. Deleting or changing the links to the PNM Exhibit HEM-3 will invalidate ECCOSS.
- b. Column T, Row 4 begins the linked sections of this model. Do not delete the links in this column. Any changes to the balances must be made in PNM Exhibit HEM-3. Note that some sections in this model are not in the same order as those in PNM Exhibit HEM-3.
- c. After modifying balances in PNM Exhibit HEM-3, update the link all of the lines to PNM Exhibit HEM-3 (see [Update Links](#)), then check section totals to ensure linking accuracy. (e.g. Gross Plant, Reserve for Depreciation, Total Revenue Requirement, etc. should all match)
- d. If totals are not matching up, you will need to go through the links in that section, line by line and fix any errors BEFORE continuing.
- e. Once all of your totals are matching, hit the "F9" key to recalculate the model.

2. Changing Allocations in ECCOSS

Note: It is best to change only one allocator at a time to ensure that you understand what is changing and it is much easier to validate the results. It is also important to ensure consistency in allocation methodology. (Ex: You wouldn't want to change the production demand allocator for one type of plant and not another.) Changes must not be made in the component or subcomponent files, as any changes made in these files will not be reflected in ECCOSS, and will invalidate the model.

- a. Column "C" between rows 237 and 1570 contains allocation names that have been assigned to allocate the costs on that respective row. All allocation names are created using Microsoft Excel's range naming capability and must be entered exactly. Allocation factors are located in the allocation factor table, which can be accessed by using the Add-ins menu, COSS, View Schedules, Allocation Factor Table. Allocation ratios are calculated in the section below the factors table. The allocation names in column "C" are tied to the allocation ratios, which are calculated based on the allocation factors. If you change an allocation name in column "C" in rows 237-1570, you will change how those costs are allocated to customer classes. Changing values in column "C" below row 1570 is not allowed because it can invalidate the results of the model. These cells are locked.
- b. Example: Production-Demand Allocators
 - i. Cell C237 contains the name of the production demand allocator (_4CP_3S1W).

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

- ii. This allocator is currently used to allocate all costs determined to be Demand-Production Related Costs.
 - iii. Changing the allocator in cell C237 will change the allocation for all of those costs.
 - c. Changing allocation names (and therefore allocations) should not be done without consideration of the impact of the change in allocation methodology. Allocations direct costs to customer classes on a reasonable and consistent basis, and should relate cost recovery with cost causation.
 - d. Rows 1646, 1649, 1650, 1656, and 1661 are direct inputs from General Ledger values, and can be modified.
 - e. Once you have made the desired changes, hit "F9" to manually re-calculate the model.
 - f. Check the values in row 1896 in COST OF SERVICE. This row serves as a "Check Figure" row to identify if any changes have been made. If this row has non-zero values, copy cells E1895:S1895 to E1894:S1894. Re-calculate the model again. Row 1896 should now be zero, and must be zero before running the model, otherwise invalid results will be produced.
 - g. Now you will need to run the model to review and validate the results.
3. Change allocations linked to the Summary Allocators file
- a. The Summary Allocators file provides the inputs to allocation factors for:
 - i. Demand allocators – production, transmission, distribution
 - ii. Energy allocators
 - iii. Customer allocators
 - b. These linked allocations are identified by pink text in the allocation factor table.
 - c. To modify these allocations, the user must open the Summary Allocators file and make appropriate modifications there. Once changes are complete, the links must be updated and ECCOSS must be re-run.

RUNNING THE MODEL:

Before running ECCOSS ensure that:

- (1) all links have been updated,
- (2) the file has been recalculated by pressing the Calculate Now button (F9),
- (3) row 1896 is zero (see above),
- (4) the file path and directory have been verified, and
- (5) the file has been saved in the verified file path and directory.

When ECCOSS runs, the following component files (and certain subcomponent files) will be created in the verified file path and directory. Changes must not be made in the component or subcomponent files, as any changes made in these files will not be reflected in ECCOSS, and will invalidate the model.

- o Folder – Base Period
 - PNMTOTALBY.xlsm, this is the Base Period primary model and is the sum of the primary components Customer, Demand, and Energy

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

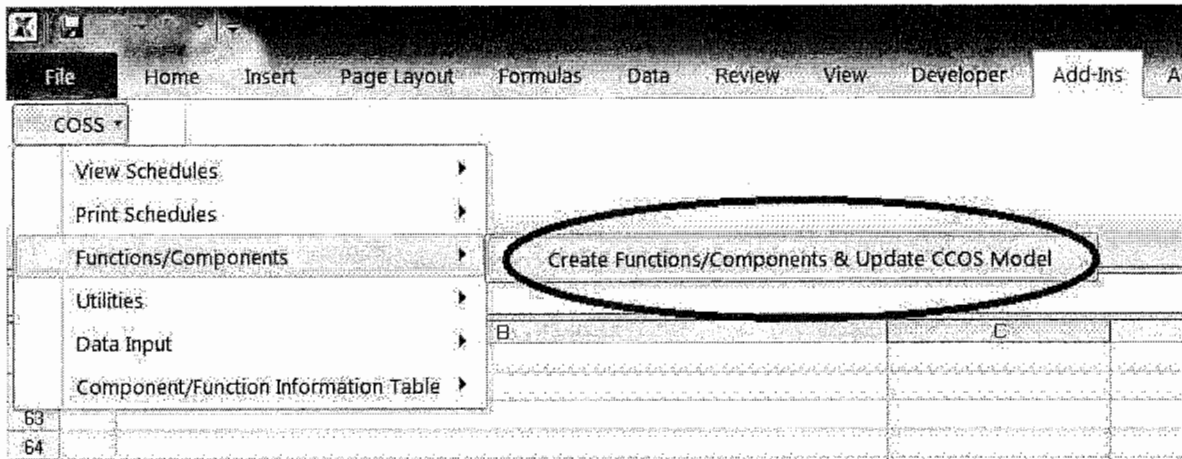
- PNMCUSTOMERBY.xls, a primary component file
 - PNMDISSVCBY.xls, customer distribution services subcomponent
 - PNMMETERBY.xls, customer meter subcomponent
 - PNMMTRRDGBY.xls, customer meter reading subcomponent
 - PNMBILLINGBY.xls, customer records & collection subcomponent
 - PNMINFOBY.xls, customer service & information subcomponent
 - PNMCUSTOTHBY.xls, customer other subcomponent
- PNMDEMANDBY.xls, a primary component file
 - PNMPRODBY.xls, demand production subcomponent file
 - PNMTRANBY.xls, demand transmission subcomponent file
 - PNMDISTBY.xls, demand distribution subcomponent file
 - PNMDISSUBBY.xls, distribution substation subcomponent
 - PNMDISPRIBY.xls, distribution primaries subcomponent
 - PNMDISSECBY.xls, distribution secondaries subcomponent
- PNMENERGYBY.xls, a primary component file
 - PNMENE-FUELBY.xls, subcomponent file
 - PNMENE-NFUELBY.xls, subcomponent file
- Folder – Test Year
 - PNMTOTALFTY.xlsm, this is the Test Period primary model and is the sum of the primary components Customer, Demand, and Energy
 - PNMCUSTOMERFTY.xls, a primary component file
 - PNMDISSVCFTY.xls, customer distribution services subcomponent
 - PNMMETERFTY.xls, customer meter subcomponent
 - PNMMTRRDGFTY.xls, customer meter reading subcomponent
 - PNMBILLINGFTY.xls, customer records & collection subcomponent
 - PNMINFOFTY.xls, customer service & information subcomponent
 - PNMCUSTOTHFTY.xls, customer other subcomponent
 - PNMDEMANDFTY.xls, a primary component file
 - PNMPRODFTY.xls, demand production subcomponent file
 - PNMTRANFTY.xls, demand transmission subcomponent file
 - PNMDISTFTY.xls, demand distribution subcomponent file
 - PNMDISSUBFTY.xls, distribution substation subcomponent
 - PNMDISPRIFTY.xls, distribution primaries subcomponent
 - PNMDISSECFY.xls, distribution secondaries subcomponent
 - PNMENERGYFTY.xls, a primary component file
 - PNMENE-FUELFTY.xls, subcomponent file
 - PNMENE-NFUELFTY.xls, subcomponent file

Note: The electronic versions of the component/subcomponent worksheets above use the Microsoft excel outline function. This function groups the elements of cost, and or columns for print formatting purposes.

The Macros

**Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)**

Running the model requires the execution of the macro "Create Functions/Components & Update CCOS Model" found in the Add-ins menu.



- 1) The steps the macro executes are discussed generally below:
 - a) Creating the component files - The macro creates the component files, based on logical switches (codes) that identify each respective component. To view the Component table, select Add-ins, COSS, Component/Function Information Table, View Table. Also, please refer to the graphic [here](#).
 - b) Copying Components to FUNCTIONS worksheet – This step uses the component files just created in step a). The macro opens the respective component file, copies column D of the COST OF SERVICE tab to the respective column in the FUNCTIONS tab, then closes the component file. This process is repeated until all component files are copied.
 - i) Upon completion of the macro, the file should be recalculated and the values in column AB of the FUNCTIONS tab should be examined.
 - ii) The values in column AB should be less than 3 (rounding) as a proof that the allocation procedure creates components that reconcile to the Total Company values (column D). If you have values greater or less than 3, you will need to go line by line to resolve any issues. You will need to re-run the macro again after all line item values are less than 3.
 - c) Copying Revenue Requirements to Unbundled worksheet – This step uses the component files just created in step a). The macro opens the respective component file, copies values to the respective component range in the UNBUNDLED tab, then closes the component file. This process is repeated until all component files are copied.
 - i) Check the totals to ensure that all dollars are being accounted for, by component.
 - (1) Present Rates – Select: "Add-ins", "Unbundled", "View UNBUNDLED Schedules", "Present (Forecasted) Rate Revenue Summary". In the line below TOTAL COMPANY, column C, the cell C898 should be equal to zero. If not, a component is not summing to the appropriate total, most likely due to an error/issue with an allocator.
 - (a) Compare cell C877 to D877. They should be equal.
 - (b) Compare cell C884 to D884. They should be equal.

Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

- (c) Compare cell C888 to D887. They should be equal.
- (d) These will tell which component(s) do not match and will help you to find the discrepancies in the "COST OF SERVICE" tab that need to be fixed.
- (2) Proposed Rates – Select: "Add-ins", "Unbundled", "View UNBUNDLED Schedules", "Equalized Rate Revenue Summary". In the line below TOTAL COMPANY, column C, cell C982 should be equal to zero. If not, a component is not summing to the appropriate total, most likely due to an error/issue with an allocator.
 - (a) Compare cell C961 to D961. They should be equal.
 - (b) Compare cell C968 to D968. They should be equal.
 - (c) Compare cell C972 to D972. They should be equal.
 - (d) These will tell which component(s) do not match and will help you to find the discrepancies in the "COST OF SERVICE" tab that need to be fixed.
- (3) If there were discrepancies that needed to be fixed, you will need to re-run the macro again after they are resolved.

OUTPUTS

The outputs of ECCOSS are two-fold:

1. Outputs used to satisfy certain filing requirements of the New Mexico Public Regulation Commission (NMPRC) Rule 530 (17.9.530 NMAC).
2. Outputs used as inputs to the Rate Design Model (PNM Exhibit JCA-4), which is a separate model from the ECCOSS Model.

Outputs for Filing Requirements

Specific Rule 530 Schedules that are provided by either the outputs or contents of ECCOSS are:

- A-2, Summary of the revenue increase or decrease at the proposed rates by rate classes for the Test Period.
- K-2, Allocation of Rate Base – functional classification for the Base Period and Test Period.
- K-3, Allocation of Rate Base by demand, energy and customer for the Base Period and Test Period.
- K-4, Allocation of Rate Base to rate classes for Base Period and Test Period.
- K-6, Allocation of total expenses by functional classification for the Base Period and Test Period.
- K-7, Allocation of total expenses by demand, energy and customer for the Base Period and Test Period.
- K-8, Allocation of total expenses to rate classes for Base Period and Test Period.

Public Service Company of New Mexico
Embedded Class Cost of Service Study User's Manual
Microsoft Excel (Supplemented for 2007)

- L-1, Allocated cost per billing unit of demand, energy and customer for Base Period and Test Period.
- M-1, Allocation factors used to assign items of plant and expenses to the various rate classes for Base Period and Test Period.
- M-2, Classification factors used to assign items of plant and expenses to demand, energy, and customer for Base Period and Test Period.
- N-1, Rate of return by rate classification for Base Period and Test Period.
- O-1, Total revenue requirements by rate classification for Base Period and Test Period.

In some of the above schedules, where appropriate, there are check formulas to the right of linked outputs. If a check formula contains a non-zero value (other than minor rounding values), then the ECCOSS model is not in balance, and the model output is invalid.

Outputs to the Rate Design Model (PNM Exhibit JCA-4)

The Rate Design Model is not within the scope of ECCOSS; however, these two separate models have been linked electronically. One of the primary objectives of ECCOSS is to derive fully embedded cost-based revenue requirements to be used in designing rates for customer classes. These revenue requirements can be found on pages 94-95 (Base Period), and 228-229 (Test Period) of PNM Exhibit SAV-4. Click on the icon below to view an example of the revenue requirements output pages.



Revenue
Requirements @ Reql

36B Contribution to Production Credit

PNM Exhibit SAV-7

Is contained in the following 6 pages

ECCOSS run with 36B projected kWh's from PNM Generation Resources

A	B	C	D	E	F	G	H	I	J	K
	Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
		Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Schedule 5 Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7	
SUMMARY - @ REQUESTED ROR										
1	EQUALIZED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
2										
3	REVENUES REQUIRED									
4										
5	DEMAND COMPONENTS	635,976,673	635,976,672	310,684,800	87,158,376	110,915,229	14,767,283	66,898,534	3,299,698	2,118,377
6	DEMAND PRODUCTION	407,031,518	407,031,518	195,795,458	54,207,764	70,756,301	8,660,195	46,224,971	2,572,211	1,121,027
7	DEMAND TRANSMISSION	88,928,796	88,928,796	43,014,167	11,850,743	15,009,456	1,826,571	9,797,004	538,588	239,904
8	DEMAND SUBSTATION	22,413,542	22,413,542	10,395,070	3,051,605	3,637,285	619,077	2,439,005	188,898	109,547
9	DEMAND DISTRIBUTION PRIMARY	73,441,392	73,441,392	35,960,959	10,556,796	12,582,914	2,141,651	8,437,554	0	378,969
10	DEMAND DISTRIBUTION SECONDARY	44,161,424	44,161,424	25,519,146	7,491,469	8,929,273	1,519,790	0	0	268,930
11										
12	ENERGY COMPONENTS	54,151,345	54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
13	ENERGY FUEL	0	0	0	0	0	0	0	0	0
14	ENERGY NON FUEL	54,151,345	54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
15										
16	CUSTOMER COMPONENTS	101,509,362	101,509,362	77,333,532	11,621,109	3,402,094	773,464	1,614,280	59,952	242,918
17	CUSTOMER SERVICES	10,697,675	10,697,675	10,250,319	447,356	0	0	0	0	0
18	CUSTOMER METER	24,619,918	24,619,918	15,495,273	5,231,776	1,946,985	526,777	694,345	6,118	192,534
19	CUSTOMER METER READING	12,692,226	12,692,226	11,295,413	1,275,047	81,667	22,353	5,479	48	8,066
20	CUSTOMER BILLING & COLLECTION	23,548,437	23,548,437	20,982,089	2,098,473	282,942	55,009	110,550	76	12,741
21	CUSTOMER SERVICE & INFORMATION	0	0	0	0	0	0	0	0	0
22	CUSTOMER OTHER	29,951,105	29,951,105	19,310,438	2,568,457	1,090,500	169,325	803,905	53,710	29,578
23										
24										
25	TOTAL COMPANY	791,637,379	791,637,379	408,968,730	104,842,205	125,215,945	16,932,892	76,058,209	3,878,286	2,516,380
26										
27										
28										
29										
30										
31										
32										
33										

ECCOSS run with 36B projected kWh's from F

A	B	L	M	N	O	P	Q	R	S
	Future Test Period Ending 12/31/2018	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
	SUMMARY - @ REQUESTED ROR								
1	EQUALIZED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
2									
3	REVENUES REQUIRED								
4									
5	DEMAND COMPONENTS	9,284,161	3,159,336	14,505,196	118,248	8,404,073	2,023,458	641,095	1,998,808
6	DEMAND PRODUCTION	4,756,906	2,607,270	11,508,293	98,385	6,677,627	837,819	284,773	922,520
7	DEMAND TRANSMISSION	950,020	552,067	2,354,840	19,863	1,371,079	1,185,639	51,623	167,232
8	DEMAND SUBSTATION	802,174	0	642,063	0	355,366	0	44,068	129,385
9	DEMAND DISTRIBUTION PRIMARY	2,775,061	0	0	0	0	0	152,449	455,039
10	DEMAND DISTRIBUTION SECONDARY	0	0	0	0	0	0	108,183	324,633
11									
12	ENERGY COMPONENTS	1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
13	ENERGY FUEL	0	0	0	0	0	0	0	0
14	ENERGY NON FUEL	1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
15									
16	CUSTOMER COMPONENTS	643,552	53,160	269,502	5,462	162,111	30,633	913,706	4,383,886
17	CUSTOMER SERVICES	0	0	0	0	0	0	0	0
18	CUSTOMER METER	501,642	3,059	3,059	3,059	12,235	3,059	0	0
19	CUSTOMER METER READING	3,959	24	24	24	97	24	0	0
20	CUSTOMER BILLING & COLLECTION	6,253	38	38	38	152	38	0	0
21	CUSTOMER SERVICE & INFORMATION	0	0	0	0	0	0	0	0
22	CUSTOMER OTHER	131,699	50,039	266,381	2,341	149,627	27,512	913,706	4,383,886
23									
24									
25	TOTAL COMPANY	11,157,333	3,694,048	17,446,367	145,915	10,078,499	2,333,009	1,656,717	6,712,845
26									
27									
28									
29									
30									
31									
32									
33									

ECCOSS run as filed - 16-00267-UT

A	B	C	D	E	F	G	H	I	J	K
	Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
			Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
SUMMARY - @ REQUESTED ROR										
1	EQUALIZED RATE OF RETURN		7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
2										
3	REVENUES REQUIRED									
4										
5	DEMAND COMPONENTS	635,976,672	635,976,672	311,095,456	87,271,666	111,058,507	14,784,726	66,992,090	3,304,829	2,120,674
6	DEMAND PRODUCTION		407,031,518	196,206,114	54,321,055	70,899,580	8,677,637	46,318,527	2,577,343	1,123,323
7	DEMAND TRANSMISSION		88,928,796	43,014,167	11,850,743	15,009,456	1,826,571	9,797,004	538,588	239,904
8	DEMAND SUBSTATION		22,413,542	10,395,070	3,051,605	3,637,285	619,077	2,439,005	188,898	109,547
9	DEMAND DISTRIBUTION PRIMARY		73,441,392	35,960,959	10,556,796	12,582,914	2,141,651	8,437,554	0	378,969
10	DEMAND DISTRIBUTION SECONDARY		44,161,424	25,519,146	7,491,469	8,929,273	1,519,790	0	0	268,930
11										
12	ENERGY COMPONENTS	54,151,345	54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
13	ENERGY FUEL		0	0	0	0	0	0	0	0
14	ENERGY NON FUEL		54,151,345	20,950,398	6,062,720	10,898,622	1,392,144	7,545,394	518,636	155,084
15										
16	CUSTOMER COMPONENTS	101,509,361	101,509,362	77,334,778	11,621,477	3,402,555	773,383	1,614,346	59,967	242,925
17	CUSTOMER SERVICES		10,697,675	10,250,319	447,356	0	0	0	0	0
18	CUSTOMER METER		24,619,918	15,495,273	5,231,776	1,946,985	526,777	694,345	6,118	192,534
19	CUSTOMER METER READING		12,692,226	11,295,413	1,275,047	81,667	22,353	5,479	48	8,066
20	CUSTOMER BILLING & COLLECTION		23,548,437	20,982,089	2,098,473	282,942	55,009	110,550	76	12,741
21	CUSTOMER SERVICE & INFORMATION		0	0	0	0	0	0	0	0
22	CUSTOMER OTHER		29,951,104	19,311,684	2,568,825	1,090,962	169,244	803,972	53,725	29,584
23										
24										
25	TOTAL COMPANY	791,637,379	791,637,380	409,380,632	104,955,863	125,359,685	16,950,253	76,151,831	3,883,432	2,518,683
26										
27										
28										
29										
30										
31										
32										
33										

ECCOSS run as filed - 16-00267-UT

A	B	L	M	N	O	P	Q	R	S
	Future Test Period Ending 12/31/2018	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service >= 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
SUMMARY - @ REQUESTED ROR									
1	EQUALIZED RATE OF RETURN	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%	7.51%
2									
3	REVENUES REQUIRED								
4									
5	DEMAND COMPONENTS	9,293,242	3,164,615	14,527,664	118,438	8,417,160	1,185,639	641,582	2,000,384
6	DEMAND PRODUCTION	4,765,987	2,612,549	11,530,760	98,575	6,690,715	0	285,259	924,095
7	DEMAND TRANSMISSION	950,020	552,067	2,354,840	19,863	1,371,079	1,185,639	51,623	167,232
8	DEMAND SUBSTATION	802,174	0	642,063	0	355,366	0	44,068	129,385
9	DEMAND DISTRIBUTION PRIMARY	2,775,061	0	0	0	0	0	152,449	455,039
10	DEMAND DISTRIBUTION SECONDARY	0	0	0	0	0	0	108,183	324,633
11									
12	ENERGY COMPONENTS	1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
13	ENERGY FUEL	0	0	0	0	0	0	0	0
14	ENERGY NON FUEL	1,229,620	481,552	2,671,669	22,205	1,512,315	278,918	101,916	330,151
15									
16	CUSTOMER COMPONENTS	643,583	53,175	269,556	5,463	159,889	30,638	913,716	4,383,912
17	CUSTOMER SERVICES	0	0	0	0	0	0	0	0
18	CUSTOMER METER	501,642	3,059	3,059	3,059	12,235	3,059	0	0
19	CUSTOMER METER READING	3,959	24	24	24	97	24	0	0
20	CUSTOMER BILLING & COLLECTION	6,253	38	38	38	152	38	0	0
21	CUSTOMER SERVICE & INFORMATION	0	0	0	0	0	0	0	0
22	CUSTOMER OTHER	131,730	50,054	266,434	2,342	147,404	27,517	913,716	4,383,912
23									
24									
25	TOTAL COMPANY	11,166,445	3,699,342	17,468,888	146,106	10,089,364	1,495,195	1,657,214	6,714,447
26									
27									
28									
29									
30									
31									
32									
33									

Difference in ECCOSS Model runs

A	B	C	D	E	F	G	H	I	J	K
	Future Test Period Ending 12/31/2018			Residential	Small Power	General Power	General Power	Large Power	Mines Schedule 5	Irrigation
			Total PNM Consolidated	Schedule 1 Residential 1	Schedule 2 Small Power 2	Schedule 3B General Power 3	Schedule 3C GP Low LF 4	Schedule 4 Large Power 5	Industrial Power (Mines, Multi Volt) 6	Schedule 10 Irrigation 7
SUMMARY - @ REQUESTED ROR										
1	EQUALIZED RATE OF RETURN									
2										
3	REVENUES REQUIRED									
4										
5	DEMAND COMPONENTS	(0)	(0)	410,656	113,291	143,279	17,442	93,556	5,131	2,297
6	DEMAND PRODUCTION		(0)	410,656	113,291	143,279	17,442	93,556	5,131	2,297
7	DEMAND TRANSMISSION		0	0	0	0	0	0	0	0
8	DEMAND SUBSTATION		0	0	0	0	0	0	0	0
9	DEMAND DISTRIBUTION PRIMARY		0	0	0	0	0	0	0	0
10	DEMAND DISTRIBUTION SECONDARY		0	0	0	0	0	0	0	0
11										
12	ENERGY COMPONENTS	0	0	0	0	0	0	0	0	0
13	ENERGY FUEL		0	0	0	0	0	0	0	0
14	ENERGY NON FUEL		0	0	0	0	0	0	0	0
15										
16	CUSTOMER COMPONENTS	(0)	(0)	1,246	367	461	(81)	66	15	7
17	CUSTOMER SERVICES		0	0	0	0	0	0	0	0
18	CUSTOMER METER		0	0	0	0	0	0	0	0
19	CUSTOMER METER READING		0	0	0	0	0	0	0	0
20	CUSTOMER BILLING & COLLECTION		0	0	0	0	0	0	0	0
21	CUSTOMER SERVICE & INFORMATION									
22	CUSTOMER OTHER		(0)	1,246	367	461	(81)	66	15	7
23										
24										
25	TOTAL COMPANY	(0)	0	411,902	113,658	143,740	17,361	93,622	5,146	2,303
26										
27										
28	Total Contribution to Production Credit (1)		(877,302)	(430,008)	(118,630)	(150,031)	(18,264)	(97,965)	(5,373)	(2,405)
29										
30	Excess of Credit above Revenue Requirement		(39,487)	(18,106)	(4,971)	(6,291)	(903)	(4,342)	(227)	(101)
31										
32										
33										

(1) Source: PNM Exhibit JCA-3 Banding, page 2 of 7, line 2; credit allocated to customer class through banding.

Difference in ECCOSS Model runs

A	B	L	M	N	O	P	Q	R	S
	Future Test Period Ending 12/31/2018	Wtr/Swg Pumping Schedule 11 Water & Sewage 8	Universities Schedule 15 Industrial Power (Universities 115 kV) 9	Manufacturing Schedule 30 Industrial Power (Manuf, 12.5 kV) 10	Industrial Schedule 33B Large Service for Station Power 11	Schedule 35B Lg Power Service ≥ 3,000 kW 12	Schedule 36B Special Service Rate Renew. Energy Res. 13	Private Lighting Schedule 6 Private Area Lighting 14	Streetlighting Schedule 20 Streetlighting 15
	SUMMARY - @ REQUESTED ROR								
1	EQUALIZED RATE OF RETURN								
2									
3	REVENUES REQUIRED								
4									
5	DEMAND COMPONENTS	9,081	5,279	22,468	190	13,088	(837,819)	486	1,576
6	DEMAND PRODUCTION	9,081	5,279	22,468	190	13,088	(837,819)	486	1,576
7	DEMAND TRANSMISSION	0	0	0	0	0	0	0	0
8	DEMAND SUBSTATION	0	0	0	0	0	0	0	0
9	DEMAND DISTRIBUTION PRIMARY	0	0	0	0	0	0	0	0
10	DEMAND DISTRIBUTION SECONDARY	0	0	0	0	0	0	0	0
11									
12	ENERGY COMPONENTS	0	0	0	0	0	0	0	0
13	ENERGY FUEL	0	0	0	0	0	0	0	0
14	ENERGY NON FUEL	0	0	0	0	0	0	0	0
15									
16	CUSTOMER COMPONENTS	31	14	53	1	(2,222)	5	10	26
17	CUSTOMER SERVICES	0	0	0	0	0	0	0	0
18	CUSTOMER METER	0	0	0	0	0	0	0	0
19	CUSTOMER METER READING	0	0	0	0	0	0	0	0
20	CUSTOMER BILLING & COLLECTION	0	0	0	0	0	0	0	0
21	CUSTOMER SERVICE & INFORMATION								
22	CUSTOMER OTHER	31	14	53	1	(2,222)	5	10	26
23									
24									
25	TOTAL COMPANY	9,112	5,293	22,521	191	10,865	(837,814)	496	1,601
26									
27									
28	Total Contribution to Production Credit (1)	(9,509)	(5,528)	(23,527)	(199)	(13,704)	N/A	(509)	(1,650)
29									
30	Excess of Credit above Revenue Requirement	(397)	(235)	(1,006)	(8)	(2,839)	N/A	(13)	(48)
31									
32									
33									

(1) Source: PNM Exhibit JCA-3 Banding, page 2 of 7,

Summer and Winter Coincident Peaks from 2007 through December 2018 and
Relative Magnitude of Winter and Summer Peaks

PNM Exhibit SAV-8

Is contained in the following 1 page

PNM Exhibit SAV-8

PNM's System Peak Hourly Loads (MW)- Actuals

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1																	
2		Month															
3	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Max (Jan-Dec)	Summer Peak Jun-Sep (MW)	Winter Peak Nov-Feb (MW)	Winter Max/Summer Max
4	2007	1,552	1,524	1,431	1,362	1,462	1,872	1,925	1,933	1,755	1,441	1,508	1,606	1,933	1,933	1,606	83%
5	2008	1,605	1,540	1,407	1,313	1,624	1,874	1,901	1,874	1,636	1,406	1,403	1,643	1,901	1,901	1,643	86%
6	2009	1,465	1,439	1,276	1,293	1,511	1,654	1,851	1,866	1,674	1,394	1,457	1,531	1,866	1,866	1,531	82%
7	2010	1,508	1,502	1,380	1,260	1,512	1,852	1,973	1,856	1,698	1,530	1,529	1,551	1,973	1,973	1,551	79%
8	2011	1,547	1,709	1,313	1,286	1,472	1,912	1,938	1,883	1,815	1,348	1,377	1,645	1,938	1,938	1,709	88%
9	2012	1,457	1,404	1,367	1,392	1,603	1,947	1,948	1,925	1,775	1,393	1,373	1,523	1,948	1,948	1,523	78%
10	2013	1,576	1,418	1,278	1,323	1,511	2,008	1,884	1,796	1,780	1,298	1,421	1,527	2,008	2,008	1,576	78%
11	2014	1,421	1,453	1,254	1,218	1,529	1,878	1,834	1,693	1,736	1,262	1,338	1,471	1,878	1,878	1,471	78%
12	2015	1,412	1,376	1,258	1,199	1,316	1,889	1,818	1,816	1,678	1,548	1,345	1,433	1,889	1,889	1,433	76%
13	2016	1,376	1,373	1,159	1,121	1,263	1,908										
14	2016F							1,895	1,803	1,528	1,293	1,381	1,467	1,895	1,908	1,467	77%
15	2017F	1,270	1,231	1,126	1,129	1,353	1,871	1,781	1,752	1,524	1,272	1,341	1,398	1,871	1,871	1,398	75%
16	2018F	1,321	1,237	1,151	1,153	1,383	1,900	1,805	1,782	1,549	1,296	1,382	1,448	1,900	1,900	1,448	76%
17																	
18	System Peak Monthly Average '07A-'18F	1,459	1,434	1,283	1,254	1,462	1,880	1,879	1,832	1,679	1,373	1,405	1,520			Average	81%
19															1,926	1,560	81%
20															Avg of Col. O	Avg of Col. P	

	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
System Peak Monthly Average '07A-'18F	1,283	1,254	1,462	1,880	1,879	1,832	1,679	1,373	1,405	1,520	1,459	1,434
System Peak 07/15- 06/16 Actual	1,159	1,121	1,263	1,908	1,818	1,816	1,678	1,548	1,345	1,433	1,376	1,373
System Peak Monthly 2018 Forecast	1,151	1,153	1,383	1,900	1,805	1,782	1,549	1,296	1,382	1,448	1,321	1,237

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. 533)**

Case No. 16-00276-UT

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

Applicant)

AFFIDAVIT

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

**SCOTT A. VOGT, Manager, Pricing & Business Analysis for 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 of Scott A. Vogt** and it is true
and accurate based on my own personal knowledge and belief.

SIGNED this 9th day of November, 2016.



SCOTT A. VOGT

SUBSCRIBED AND SWORN to before me this 9th day of November, 2016.



NOTARY PUBLIC IN AND FOR
THE STATE OF NEW MEXICO

