

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**METROPOLITAN EDISON COMPANY
DOCKET NO. R-2014-2428745**

**PENNSYLVANIA ELECTRIC COMPANY
DOCKET NO. R-2014-2428743**

**PENNSYLVANIA POWER COMPANY
DOCKET NO. R-2014-2428744**

**WEST PENN POWER COMPANY
DOCKET NO. R-2014-2428742**

**Direct Testimony
of
Kevin M. Siedt**

List of Topics Addressed

**Sales and Revenues Normalization
Rate Design
Customer Impact Analysis
Proof of Revenues**

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1 **DIRECT TESTIMONY**
2 **OF**
3 **KEVIN M. SIEDT**

4 **I. INTRODUCTION AND BACKGROUND**

5 **Q. Please state your name and business address.**

6 A. My name is Kevin M. Siedt. My business address is 2800 Pottsville Pike, Reading,
7 Pennsylvania 19612.

8 **Q. By whom are you employed and in what capacity?**

9 A. I am employed by FirstEnergy Service Company as an Analyst in the Rates and
10 Regulatory Affairs Department – Pennsylvania.

11 **Q. What are your responsibilities as an Analyst?**

12 A. Generally, the Rates and Regulatory Affairs Department provides regulatory support for
13 Metropolitan Edison Company (“Met-Ed”), Pennsylvania Electric Company (“Penelec”),
14 Pennsylvania Power Company (“Penn Power”), and West Penn Power Company (“West
15 Penn”) (each of which may be referred to as “Company” and/or collectively the
16 “Companies”). As an Analyst in the Rates and Regulatory Affairs Department, my
17 responsibility is to support the development, preparation, and presentation of the
18 Companies’ retail electric rate design and related rules and regulations, and ensure the
19 uniform administration and interpretation in all the Companies’ rate-related matters
20 before the Pennsylvania Public Utility Commission (“Commission”). I also am
21 responsible for, among other things, default service plan development and
22 implementation, recovery of non-utility generation costs, regulatory program cost
23 recovery and other financial matters.

1 **Q. What is your educational background and work experience?**

2 A. I obtained a Masters Degree in Business Administration from Moravian College in 1994.
3 I am also a graduate of Rowan University where I received a Bachelor of Science Degree
4 with a major in Accounting and Finance in 1984. My work experience is more fully
5 described in Appendix A.

6 **Q. On whose behalf are you testifying in this proceeding?**

7 A. I am testifying on behalf of Met-Ed, Penelec, Penn Power and West Penn. My testimony
8 applies to all of the Companies, unless otherwise stated.

9 **Q. What is the purpose of your direct testimony?**

10 A. My testimony addresses: (i) the annualization and normalization of sales and revenues
11 used in the Companies' cost-of-service studies; (ii) the rate design methodology used to
12 develop the distribution rates proposed in this proceeding; (iii) a customer impact
13 analysis, which compares bills at current and proposed rates; and (iv) a proof of revenue
14 analysis.

15 **Q. Have you prepared and are you sponsoring exhibits to accompany your testimony?**

16 A. Yes. As discussed in more detail later in my testimony, I am sponsoring Exhibits KMS-1
17 through KMS-7 for each of the Companies, which were prepared by me or under my
18 supervision. The subjects addressed in each of these exhibits are summarized below:

19 KMS-1 These exhibits consist of Attachments A, B and C, reflecting normalized
20 sales and revenues for the test years ending April 30, 2016, March 31,
21 2015, and March 31, 2014, respectively

22 KMS-2 Summary of Present and Proposed Distribution Revenues

- 1 KMS-3 Reactive Billing Demand Charge Calculation
- 2 KMS-4 TOU Aggregation Agreement (Met-Ed and Penelec Only)
- 3 KMS-5 Proof of Revenues Analyses
- 4 KMS-6 Customer Impact Analyses
- 5 KMS-7 Cost Curves
- 6 KMS-8 Responses to the following Commission filing requirements:
- 7
- 8 52 Pa. Code § 53.52 (a)-(d)
- 9 52 Pa. Code § 53.53 - IV-A-1
- 10 52 Pa. Code § 53.53 - IV-A-2
- 11 52 Pa. Code § 53.53 - IV-A-3
- 12 52 Pa. Code § 53.53 - IV-A-4
- 13 52 Pa. Code § 53.53 - IV-A-5
- 14 52 Pa. Code § 53.53 - IV-C
- 15 52 Pa. Code § 53.53 - IV-D-1
- 16 52 Pa. Code § 53.53 - IV-D-2
- 17 52 Pa. Code § 53.53 - IV-E-2

18 In addition, I am sponsoring: (1) modifications to Riders A, L, M (all Companies) and P
 19 (Met-Ed and Penelec only) to the Companies’ proposed tariffs, which are identified as
 20 each Companies’ Exhibit 1 and, for service to the Pennsylvania State University, West
 21 Penn Company Exhibit 2; and (2) all modifications to the rate schedules in the
 22 Companies’ proposed tariffs. The modifications to the Companies’ riders and rate
 23 schedules for which I am responsible are discussed further in this testimony.

24 **II. ENERGY SALES AND REVENUE NORMALIZATIONS**

25 **Q. What was the basis for developing each Company’s claim for energy sales, demand**
 26 **and base rate revenue for the fully projected future test year?**

27 A. The starting point for each Company’s claim was the budget forecast of energy sales,
 28 demand and base rate revenue for the twelve months ending April 30, 2016. The budget
 29 forecast was developed by reviewing current customer consumption data, conducting

1 appliance saturation surveys and analyzing actual historical customer usage for the past
2 several years to identify patterns and trends. That information was used to develop
3 detailed projections of the actual billing determinants (number of customers, demand (in
4 kW) and energy (in kWh)) for each rate schedule. The actual charges for each
5 component of each rate schedule were applied to the applicable billing determinants
6 (customers, kW or kWh) to project the revenue to be billed under each rate schedule by
7 month for the fully projected future test year. This detailed process assures that revenue
8 under proposed rates can be directly tied in to the billing determinants underlying the
9 Companies' revenues under existing rates that are used to calculate their revenue
10 deficiency in this case.

11 **Q. In developing the Companies' revenue claims in this case, were the budget**
12 **projections and, specifically, the application of rates to the projected billing**
13 **determinants reviewed for computational accuracy?**

14 A. Yes. The budget forecasts were found to be very accurate. However, in a few instances
15 either the billing determinants or the rates used in the budget projections did not align
16 precisely with the more detailed and granular information available to the Rates and
17 Regulatory Affairs Department for certain rate schedules. Consequently, I made
18 appropriate adjustments to the budget data. Those adjustments are both few in number
19 and very small in their impact, representing a net increase in total normalized revenue of
20 the Companies of 0.02%, as shown in Exhibits KMS-1, Attachment A, page 3, column 14
21 and within the associated footnotes. Although these adjustments do not have a material
22 impact on revenues, they were made to assure that billing determinants are properly
23 stated for each rate schedule so that pro forma revenues at existing and proposed rates

1 can be tied in directly to the budget data that formed the starting point for developing the
2 Companies' revenue claims in this case.

3 **Q. Were any adjustments made to the budget forecast data to present energy sales,**
4 **demand and base rate revenue on a ratemaking basis?**

5 A. Yes. Adjustments for ratemaking purposes were made to annualize and normalize the
6 budget data. Annualization is the process of adjusting budgeted sales and revenues
7 projected to be billed over a full test year to reflect the level of sales and revenues as of
8 the end of the test year. In that way, pro forma sales and revenues are stated on a basis
9 that properly reflects sales and revenues to be experienced going forward. Normalization
10 is the process of adjusting budgeted sales and revenues to remove outliers and anomalies
11 from the test year data. Thus, unusual events and one-time effects are "normalized" to
12 reflect ongoing conditions.

13 **Q. Have you prepared an exhibit setting forth annualized and normalized sales and**
14 **revenues?**

15 A. Yes, I have. Annualized and normalized sales and revenues are presented in Attachments
16 A through C of Exhibits KMS-1 for the twelve months ending April 30, 2016, March 31,
17 2015, and March 31, 2014, respectively. Summaries of each Company's distribution
18 revenues under existing and proposed rates are provided in Exhibits KMS-2. The
19 principal adjustments to the budget forecast data were made to annualize the sales and
20 revenue effect of customers added during the test year and to normalize and annualize
21 sales levels to reflect reductions attributable to measures that have been or will be
22 implemented under the Companies' Commission-approved Energy Efficiency and

1 Conservation (“EE&C”) Plans, which were adopted pursuant to Section 2806.1 of the
2 Pennsylvania Public Utility Code.

3 **Q. Please describe the adjustment made to budget forecast data for the twelve months**
4 **ending April 30, 2016 to annualize revenues for changes in number of customers.**

5 A. In accordance with the Commission’s filing requirements, an adjustment was made to
6 annualize energy usage and demand for the difference between the monthly average
7 number of customers forecasted for the fully projected future test year and the number of
8 customers forecasted for the end of the fully projected future test year. Usage (kWh) and
9 demand (kW) forecasted for the fully projected future test year were divided by the
10 monthly average number of customers at mid-month (for each month) to calculate the
11 average usage and average billed demand per customer. The average usage (in kWh) and
12 average demand (in kW) per customer were multiplied by the difference between the
13 monthly average number of customers and the number of customers forecasted for the
14 end of the test year to determine the additional kWh and kW to be added to the budget
15 forecast to annualize sales and revenue.

16 The additional revenues attributable to the customer annualization were calculated by
17 multiplying the additional billing determinants (customers, kW or kWh) derived from the
18 customer annualization by the applicable customer, demand or energy charges to
19 determine the additional revenue attributable to annualization. This calculation is shown
20 in Exhibits KMS-1, Attachment A, page 3, column 12.

21

1 **Q. Please describe the adjustments made to budget forecast data for the twelve months**
2 **ending April 30, 2016 to normalize and annualize revenues for conservation**
3 **measures implemented or to be implemented pursuant to the Companies' EE&C**
4 **Plans.**

5 A. The energy sales that were forecasted by rate schedule for the fully projected future test
6 year reflect anticipated usage reductions from energy efficiency measures implemented in
7 accordance with the Companies' Commission-approved EE&C Plans. The forecasted
8 reductions are reflected by month from May 1, 2015 through April 30, 2016. The
9 revenue reductions for the entire fully projected future test year were calculated by
10 annualizing the usage reduction targets that the Companies must achieve by the end (May
11 30) of the 2016 EE&C plan year. The annualized amount was netted against the monthly
12 savings already included in the fully projected future test year sales forecast to derive the
13 additional energy efficiency normalization adjustment. The same approach was used to
14 annualize and normalize behind-the-meter generation to derive a total energy efficiency
15 normalization adjustment. The revenue effect of the annualization was calculated by
16 multiplying the annualized energy efficiency sales reductions by the average rate per
17 customer by rate schedule.

18 **III. RATE DESIGN**

19 **Q. When was each Company's current rate design established?**

20 A. Met-Ed's and Penelec's current distribution base rates were established pursuant to the
21 Commission's Final Order entered January 11, 2007 at Docket Nos. R-0061366 and R-
22 0061367. Penn Power and West Penn concluded base rate cases in 1988 and 1993,
23 respectively. However, the overall structure of each of those Companies' rates was

1 modified when their rates were functionally unbundled into distribution, generation and
2 transmission components as part of their respective restructuring proceedings. Because
3 of the time that has elapsed since each Companies' last base rate and restructuring cases,
4 the Companies determined that their existing distribution rate designs should be reviewed
5 to ensure that they reflect the current characteristics of electric distribution service.

6 Accordingly, the Companies have taken this opportunity to consolidate and simplify rate
7 designs and make them more uniform across all four Companies.

8 **Q. What considerations, concepts and objectives underlie the rate designs proposed by**
9 **the Companies?**

10 A. The following general principles were employed in designing the proposed rates:

- 11 • Rates must be designed to produce revenues equal to each Company's revenue
12 requirement at the appropriate billing determinants.
- 13 • Rates should be designed to properly reflect cost causation and, in that regard, the
14 results of a cost of service study are used as a guide.
- 15 • Rates generally should be designed, if practicable, to move revenues for each rate
16 schedule (or in some instances, customer classes consisting of aggregated rate
17 schedules) toward that schedule's cost of service, giving due regard to factors
18 such as gradualism, economic efficiency, relative ease or difficulty of
19 administration, and customer understandability.

20 In addition to the general principles I just described, the Companies determined that in
21 developing their proposed rates, they should strive to achieve the following objectives:

- 1 • There should be a unified distribution rate design for all four Companies. The
2 Companies are managed on a consistent basis with a uniform set of business
3 processes. The rate design should be aligned to conform with the Companies’
4 operations.

- 5 • The rate design should give due consideration to the fact that distribution service
6 has now been fully unbundled for ratemaking purposes. For Penn Power and
7 West Penn, this case is the first opportunity to implement a rate design that
8 focuses specifically on unbundled distribution service and does not continue to
9 apply concepts or rate designs that are a legacy of the previously bundled rate
10 environment.

- 11 • All else being equal, distribution rates should reflect customer demand rather than
12 energy usage. This is because distribution costs are driven predominantly by
13 investment in fixed assets, which does not vary with a customer’s energy usage.

- 14 • With the impending implementation of the Companies’ Smart Meter Deployment
15 Plan¹ and the significant investment in smart meter technology that the Plan
16 requires, the Companies’ rate design should incorporate the functionality that
17 smart meters provide to accurately measure demand.

- 18 • The number of rate options, which in large part were a legacy of bundled rates
19 that included generation costs, should be reduced to promote better customer

¹ *Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company For Approval of Their Smart Meter Deployment Plan*, Docket Nos. M-2013-2341990, M-2013-2341991, M-2013-2341993 and M-2013-2341994 (Opinion and Order entered June 25, 2014).

1 understanding of the Companies' rates and to allow for more efficient tariff
2 administration.

- 3 • Reconcilable adjustment clauses, set forth in riders to the Companies' base rates,
4 should be used to recover certain costs that are volatile in nature and generally not
5 under the Companies' control, consistent with the criteria for adjustment clauses
6 established under Section 1307 of the Public Utility Code. Applying those
7 principles, a Storm Damage Charge Rider is being proposed for all Companies to
8 recover storm damage costs not recovered through distribution base rates.

- 9 • A Universal Service Cost Rider is being proposed for West Penn, which is
10 modeled after the Universal Service Cost Riders previously approved by the
11 Commission for the other Companies. Both of these riders are discussed in more
12 detail by Kimberlie L. Bortz in Met-Ed/Penelec/Penn Power/West Penn Statement
13 No. 3.

14 **Q. What role did the results of cost of service studies play in designing the proposed**
15 **distribution rates?**

16 A. Cost of service studies for each of the Companies were prepared by Hillary E. Stewart,
17 which are described in Met-Ed/Penelec/Penn Power/West Penn Statement No. 5. The
18 results of the cost of service studies were the starting point for designing the proposed
19 distribution rates. However, the final rate designs for the distribution rates that I am
20 recommending also incorporate the rate design principles and objectives that I previously
21 described, as well as my experience in designing utility rates.

1 **Q. How did you design the proposed distribution rates?**

2 A. I began by reviewing the rates of return produced by the various rate schedules under
3 current rates and the fully projected future test year level of revenue requirement. The
4 rate schedules exhibit a range of returns from positive to negative. The divergent class
5 returns provide an indication, based on a snapshot at a specific moment in time, of the
6 general magnitude of interclass subsidies that exist among rate classes under current
7 rates. Based upon each Company's overall retail rate of return, the cost of service studies
8 show that certain rate schedules are producing less than that rate of return, while others
9 are producing rates of return in excess of the applicable Company's overall rate of return
10 level.

11 Next, I reviewed the revenue that each rate schedule would have to produce to achieve a
12 rate of return equal to the applicable Company's overall rate of return under the proposed
13 distribution rates. This level of revenue shows the magnitude of the rate changes
14 necessary to move each rate schedule to its cost of service as indicated by the cost of
15 service studies.

16 While movement toward cost of service is an important element in designing rates, it is
17 not the only factor that must be considered. For instance, the impact on customers' bills
18 from implementing a range of potential rate increases must be considered. Establishing
19 rates for each rate schedule that produce a retail rate of return equal to the applicable
20 Company's overall rate of return is the theoretical target of the rate design process.
21 However, the Companies understand that bringing some of the rate schedules to their
22 indicated cost of service would impose potentially disruptive rate increases. The

1 proposed rate design, therefore, properly applies the principle of gradualism to mitigate
2 customer impact.

3 **Q. Have tables been prepared that show the rates of return under existing and**
4 **proposed rates by rate schedule for each of the Companies?**

5 A. Yes. Such tables are set forth in Ms. Stewart's direct testimony. Those tables also show
6 the unitized rates of return ("UROR") for each rate schedule. The UROR of a rate class
7 is the class rate of return divided by the Company's overall average rate of return. A
8 class UROR greater than 1.0 indicates that the class revenue exceeds the class cost of
9 service. A class UROR less than 1.0 indicates that the class revenue is less than the class
10 cost of service. URORs are used as a guide to measure the progress that changes in rates
11 will achieve in moving classes toward a UROR of 1.0 or "unity," which is generally
12 accepted as a desirable goal in rate design, subject to those other rate design factors that I
13 previously discussed.

14 **Q. Were any specific criteria used in determining how much progress should be made**
15 **in moving specific rate schedules toward unity, or cost of service?**

16 A. Yes. In order to implement the concept of gradualism as applied to the guidance
17 provided by the results of the Companies' cost of service studies, two general criteria
18 were developed. The first criterion was that no customer class would experience, on
19 average, an increase of more than 20% of total revenue assuming customers were taking
20 default service. The second criterion was a benchmark calculated by reference to total
21 distribution revenues. Specifically, for each rate schedule, the Companies calculated two
22 percentages, as follows: (1) revenue equal to the rate schedule's cost of service divided

1 by total-Company distribution revenue under existing rates; and (2) revenue under the
2 rate schedule's existing rates divided by total-Company distribution revenue under
3 existing rates. The average of those two percentages became a target, such that revenue
4 produced by each rate schedule under the proposed rates, expressed as a percentage of
5 total-Company distribution revenue under proposed rates, would approximate the target
6 percentage.

7 **Q. Turning to the design of specific rates, please describe, in general, the changes the**
8 **Companies propose to their existing Residential rate schedules.**

9 A. There are two principal substantive differences between the Companies' existing
10 Residential rate schedules and the Residential rate design proposed in this case. First, all
11 Time-of-Day/Seasonal rate schedules were eliminated and have been (for Penn Power
12 and West Penn²), or are proposed to be (for Met-Ed and Penelec), replaced with Time-of-
13 Use Default Service Riders. While generation costs can and often do differ – sometimes
14 significantly – based on time of use, the same is not true of the cost of providing
15 distribution service. As I previously explained, the cost of providing distribution service
16 is largely determined by fixed costs that do not vary with the amount of usage or the time
17 of day when usage occurs. Time-of-day and seasonal rate schedules in the existing Met-
18 Ed and Penelec tariffs are a vestige of bundled rates that are not applicable to
19 distribution-only service in the current unbundled rate environment. The Time-of-Use
20 Default Service Riders, on the other hand, are designed to recover generation costs
21 associated with default service for residential customers. Because generation costs vary

² West Penn's Rider is denominated in its current tariff a "Time-of-Use Rider" not a "Time-of-Use Default Service Rider." West Penn plans to conform the name of its Rider to the names used by the other Companies.

1 based on time of use, the Riders provide the appropriate vehicle for recognizing time-of-
2 use differences in such costs.

3 Second, the Companies propose to increase the customer charge more than the usage
4 charge for Residential service. This approach is consistent with the principle of cost
5 causation because it recognizes that most of the cost of providing distribution service is
6 attributable to investment in fixed assets and does not vary based on the level of customer
7 usage. Additionally, recovering an appropriate level of fixed costs through a fixed charge
8 provides a more stable revenue stream, which is also consistent with the fixed nature of
9 the costs being recovered. Stated another way, because the bulk of the cost of providing
10 distribution service does not vary based on usage, reductions in customer use cannot be
11 matched with reductions in the costs – largely fixed – to furnish distribution service.

12 Although the Companies' cost of service studies indicate that most of the Companies'
13 costs are indeed fixed, the Companies moderated the increase in the customer charge in
14 order to avoid larger increases for lower-usage customers. The impact of this moderating
15 factor on the average bills of Residential customers at various usage levels is shown in
16 each Company's Exhibit KMS-6 – Customer Impact Analyses, which I discuss later in
17 my testimony.

18 **Q. Do the proposed changes to Residential rate schedules you described apply to all of**
19 **the Companies?**

20 A. Yes, they do. The Companies' objective is to establish a uniform, relatively simple
21 Residential rate design for consistent use by each of the Companies and, in so doing, to

1 eliminate various outdated elements of the existing Residential rate designs that are
2 legacies of previously bundled rates.

3 **Q. Please describe the proposed rate schedules that will apply to Commercial**
4 **customers served at secondary voltage.**

5 A. For all of the Companies, there will be three rate schedules that apply to Commercial
6 customers, with the following availability criteria and principal rate components:

7 • **Rate Schedule GS Small.** This rate schedule, which will be available to
8 customers with usage up to 1500 kWh per month, will have a modified monthly
9 customer charge and an energy charge per kWh of usage.

10 • **Rate Schedule GS Medium.** This rate schedule, which will be available for
11 customers with billed demand of up to 400 kW for at least two consecutive
12 months, will have a modified customer charge per month, a per-kW demand
13 charge, a reactive billing demand charge, and a relatively low energy charge.

14 • **Rate Schedule GS Large.** This rate schedule, which will be available for all
15 customers exceeding 400 kW of billed demand, will also have a modified
16 customer charge per month, a per-kW demand charge, a reactive billing demand
17 charge, and a relatively low energy charge.

18 **Q. What is a reactive billing demand charge as proposed for use in Rate Schedules GS**
19 **Medium and GS Large?**

20 A. A reactive billing demand charge encourages efficient use of power by customers.

21 Reactive power is in effect wasted energy that, as explained below, requires the

1 Companies to make additional investments in distribution facilities to correct for the
2 adverse effects of customers' poor power factors. The Companies will calculate a
3 "power factor" for each customer to determine whether the reactive billing demand
4 charge will be applied.

5 **Q. What is "power factor?"**

6 A. Power factor is the ratio of the "real" power flowing to a load (measured in kW) to the
7 "apparent" power (measured in Kilovars or "kVA") in the circuit. Real power is the
8 capacity of the circuit for performing work in a particular time. Apparent power is the
9 power, in excess of real power, needed to serve a load with a poor power factor. Thus, a
10 load with a poor power factor draws more current than a load with a high power factor
11 for the same amount of useful power transferred. In summary, power factor measures
12 how efficiently power is being used by comparing the amount of energy supplied to the
13 circuit (kVA) to the actual amount of energy (kW) used to perform work at a particular
14 point in time. To illustrate the concept, consider a horse pulling a railroad car down a
15 railroad track. Because the railroad ties are uneven, the horse must walk at the side of the
16 track and pull the car at an angle from the centerline of track. The power that would be
17 required to move the car down the track if the motive force were applied along the
18 centerline of the track is the real power (i.e., kW). The effort expended by the horse,
19 pulling from one side of the track, is the total (apparent) power (kVA). The angle by
20 which the horse's pull diverges from the centerline determines the power factor. As the
21 angle to the centerline gets smaller (i.e., as the horse walks closer to the center of the
22 track), the force required to pull the car is reduced and the power factor improves.

1 The Companies propose that the reactive power be assessed at the unit of measurement
2 for reactive power on a per-reactive kilovolt-ampere (“rkVA”) basis. This charge will
3 apply to secondary and primary customers with three-phase service.

4 **Q. Why is it appropriate to include a reactive power charge in distribution rates?**

5 A. A reactive power charge is appropriately included in distribution rates for certain rate
6 schedules because the way to correct for the distortion created by customers’ poor power
7 factors is to install capacitors on the distribution system. Capacitors are part of the fixed
8 assets that comprise the distribution system and, as such, their cost is properly reflected in
9 distribution rates and, consistent with principles of cost causation, are appropriately
10 reflected in a reactive power charge.

11 **Q. How was the rkVA charge developed?**

12 A. The rkVA charge proposed by the Companies is based on a study of the cost of adding a
13 1200 KVAR capacitor bank to each Company’s system. The rkVA charge is designed to
14 recover a pre-tax weighted average overall rate of return on the Company’s investment in
15 the capacitor bank, applicable depreciation and ongoing operation and maintenance
16 expense associated with the capacitors. Exhibits KMS-3 show the calculation of the
17 rkVA charges that will be applied to all commercial and industrial secondary and primary
18 customers.

19 Customers with a high power factor would not be subject to the rkVA charge. Therefore,
20 each customer can perform an analysis of whether it is more cost-effective to pay the
21 rkVA charge or invest in its own capacitors and avoid the rkVA charge by individually
22 managing its own power factor.

1 **Q. Will a minimum billing demand charge apply to GS customers, and will it be**
2 **consistent across all the Companies?**

3 A. Yes. The proposed GS rate schedules for all four Companies contain the following
4 provision regarding a minimum billing demand calculation:

5 A Customer's demand shall be measured by indicating or recording
6 instruments. Demands shall be integrated over 15-minute intervals. The
7 billing demand in the current month shall be the greatest of: (i) the maximum
8 measured demand established in the month during On-peak hours, adjusted
9 for Power Factor as stated herein, (ii) forty percent (40%) of the maximum
10 measured demand established in the month during Off-peak hours, adjusted
11 for Power Factor as stated herein, (iii) contract demand or (iv) fifty (50%) of
12 the highest billing demand established during the preceding eleven (11)
13 months.

14 **Q. Why are the Companies proposing a minimum per-kW demand charge for**
15 **Commercial and Industrial customers?**

16 A. In order to provide safe and reliable service to a customer who applies for new service, a
17 Company must assess its current infrastructure and make appropriate investments to
18 existing infrastructure or in new infrastructure. These investments are based on the
19 customer's estimated load. To the extent that the customer makes a change in its
20 operation and reduces its requirements, the Company still needs to recover the investment
21 that it made in its infrastructure to provide service to that customer. Consistent with the
22 principles of cost causation, such costs should be recovered from those customers who
23 are receiving the benefit of that investment. To do otherwise would improperly shift
24 costs to other customers who are already paying for the investment that the Companies
25 made in the infrastructure to serve that customer.

1 **Q. How do the Companies propose to bill customers that do not have a demand meter,**
2 **but will be served under a rate schedule that includes a demand charge as part of**
3 **their applicable distribution rates?**

4 A. For those customers that do not have demand meters, the Company is proposing to derive
5 a measured demand based on an hours-use demand factor of 200. The formula for this
6 calculation is: Measured Demand = kWh/200. The hours-use of demand value of 200
7 reflects the average hours-use for customers that will be charged a kW demand charge.
8 Under the Companies' Smart Meter Deployment Plan, all customers will eventually have
9 meters capable of registering demand. Consequently, it makes sense to develop and
10 implement appropriate rate designs to properly reflect demand costs and to use a
11 measured demand calculation for customers currently without demand meters. When
12 smart meters are installed for customers that do not currently have demand meters, they
13 will benefit from appropriate demand-based rate schedules that leverage the full
14 functionality of smart meters. To do otherwise would require implementing a non-
15 demand-based rate design that would have to be changed in a future base rate case, while
16 my proposed approach allows the Companies to phase customers onto more responsive
17 demand charges as their metering is upgraded.

18 **Q. Do the rate schedules proposed in this case for service to Commercial and Industrial**
19 **customers contain a change to the minimum charges assessed to such customers**
20 **under current rates?**

21 A. Yes. The applicable rate schedules for the Companies will apply a minimum charge to
22 such customers equal to the sum of the Customer Charge, the minimum billing demand
23 charge described above, charges under any applicable Riders, and any energy charges

1 applicable.³ For instance, if a customer has no energy use in a given month, the customer
2 would still pay a Customer Charge which is a specific dollar amount per month
3 regardless of usage.

4 **Q. Are the Companies proposing additional riders as part of this filing?**

5 A. Yes. As I noted previously, all four Companies are proposing to adopt a Storm Damage
6 Charge Rider to recover storm damage expenses in excess of the amount that is included
7 in their base rates, and West Penn is proposing to adopt a Universal Service Cost Rider
8 modeled after the Universal Service Cost Riders approved by the Commission for the
9 other Companies. Both of these Riders are addressed in more detail by Ms. Bortz in her
10 direct testimony.

11 In addition, Time-of-Use Default Service Riders (“TOU Riders”) are being proposed for
12 Met-Ed and Penelec. Those Riders are included in the proposed Met-Ed and Penelec
13 tariffs. The TOU Riders will be available to all Residential customers who obtain default
14 service from the Companies. The TOU Riders proposed for Met-Ed and Penelec are
15 similar in their general design to the Time-of-Use Default Service Rider for Penn Power
16 and the Time-of-Use Rider for West Penn that were approved by the Commission in its
17 Final Order approving Default Service Plans for the Companies for the period June 1,
18 2013 through May 31, 2015.⁴ There is, however, one small difference. The TOU Riders
19 Met-Ed and Penelec are proposing maintain the same definition of on-peak hours that

³ A minimum charge calculation would include energy charges for the current month’s usage, while the minimum demand charge would be based upon the highest demand recorded over a prior twelve-month period.

⁴ *Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of Their Default Service Programs*, Docket Nos. P-2011-2273650, P-2011-2273668, P-2011-2273669 and P-2011-2273670 (Final Order entered August 16, 2012), pp. 87-93.

1 currently exists in their Rate Schedules RT in order to ease the transition of current RT
2 customers applying for service under the proposed TOU Riders.

3 Under the TOU Riders, qualifying enrolled customers obtain time-of-use default service
4 from Commission-certified EGSs that contract to provide such service under the terms set
5 forth in the Rider. Additionally, the terms of the relationship between the Companies and
6 the EGSs offering time-of-use service is set forth in a TOU Aggregation Agreement, a
7 form of which is being provided as Met-Ed Exhibit No. KMS-4 and Penelec Exhibit No.
8 KMS-4. The form of TOU Aggregation Agreement set forth in those exhibits are
9 identical to the TOU Aggregation Agreements approved by the Commission for use by
10 Penn Power and West Penn.⁵

11 In the event that no EGSs contract to provide time-of-use service, the time-of-use default
12 service will be available under the terms and conditions of the Companies' Price to
13 Compare Default Service Rate Rider, which applies the same time-of-use on-peak and
14 off-peak factors as set forth in the proposed Met-Ed and Penelec TOU Riders.

15 The Companies are also proposing to adopt two Riders that relate to non-utility
16 generation – a Partial Service Rider and a Cogeneration and Small Power Production
17 Qualifying Facility Rider.

⁵ *Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of Their Default Service Programs*, Docket Nos. P-2011-2273650, P-2011-2273668, P-2011-2273669 and P-2011-2273670 (Opinion and Order on Second Compliance Filing entered May 23, 2013), pp 5-10.

1 **Q. Please explain the proposed Partial Service Riders.**

2 A. The Public Utility Regulatory Policies Act (“PURPA”) requires electric utilities to
3 provide back-up, maintenance, supplemental and emergency electric service to PURPA
4 “qualifying facilities” (“QFs”). The Companies currently take different approaches to
5 furnishing this service. Met-Ed and Penelec offer this service to QFs under Rate
6 Schedule QF. (Notably, these Companies offer the same service to non-QFs under Rule
7 18 of their existing General Rules and Regulations, and the terms of that service are the
8 same as under Rate Schedule QF.) Penn Power offers such services for both QFs and
9 non-QFs under a Partial Service Rider. West Penn provides these services to QFs under
10 its Alternative Generation Rider. The Companies propose to consolidate the provision of
11 these services through a single, standardized Partial Service Rider that will apply to all
12 generating facilities (QFs and non-QFs) that are not net-metered customers.

13 **Q. What services will be offered under the proposed Partial Service Riders?**

14 A. Under the Partial Service Riders, the Companies will provide the following four levels of
15 service, as required by, and defined in, PURPA for QFs: Backup Reservation Service,
16 Scheduled Maintenance Service, Supplemental Service, and Emergency Service. Each
17 form of service has its own set of applicable rules. QFs will pay a per-kW charge for
18 contract demand equal to the greater of their measured billing demand or the net
19 generating capability of their generating facility. The proposed Partial Service Riders are
20 set forth as Rider L in the proposed tariffs of each of the Companies.

21

1 **Q. Please explain the proposed Cogeneration and Small Power Production Qualifying**
2 **Facility Riders.**

3 A. The Cogeneration and Small Power Production Qualifying Facility Riders will provide
4 the terms under which the Companies will purchase electricity generated by QFs with
5 maximum generating capacity under 500 kW. Any QFs with generating capacity of 500
6 kW or greater from which the Companies are required by PURPA to purchase energy
7 will not be eligible for the Riders but instead would have to enter into individually
8 negotiated contracts with one of the Companies. Under the Riders, the Companies will
9 pay eligible QFs 75% of the Real Time Location Marginal Price each for each hour at
10 each Company's aggregate zone for net electric energy delivered. The proposed
11 Cogeneration and Small Power Production Qualifying Facility Riders are set forth as
12 Rider M in the proposed tariffs of each of the Companies.

13 **Q. Are the Companies proposing to eliminate any Riders as part of this filing?**

14 A. Yes, they are. The riders proposed to be eliminated are identified and discussed by Ms.
15 Bortz in Met-Ed/Penelec/Penn Power/West Penn Statement No. 3. As she explains, those
16 riders are not applicable for "unbundled" electric service or have been deemed
17 unnecessary or outdated for other reasons.

18 **Q. Are any riders proposed to be modified as part of this filing?**

19 A. Yes. Penn Power proposes to modify its Universal Service Cost Rider so that it will be
20 consistent with the Met-Ed and Penelec Universal Service Cost Riders, as Ms. Bortz
21 explains in her direct testimony. Additionally, as explained by Laura W. Gifford in Met-
22 Ed/Penelec/Penn Power/West Penn Statement No. 7, West Penn is proposing revisions to

1 its Default Service Support (“DSS”) Rider and its Hourly Pricing Default Service
2 (“HPS”) Rider to include components for recovery of default service-related uncollectible
3 accounts expense for residential and commercial customers and industrial customers,
4 respectively. The other Companies are revising their DSS and HPS Riders so that default
5 service-related uncollectible accounts expense for industrial customers will be recovered
6 in their HPS Riders rather than their DSS Riders, as they currently are. In addition, Met-
7 Ed and Penelec are proposing to modify their existing Non-Utility Generation Charge
8 Riders to calculate the NUG-C rate on an annual rather than a quarterly basis effective on
9 June 1, 2015. This proposed change is incorporated in the Non-Utility Generation
10 Charge Riders of Met-Ed and Penelec, which are set forth as Rider P in the proposed
11 tariffs of each of those Companies.

12 **Q. Are any changes being proposed with respect to charges imposed under riders that**
13 **are already in place for all four Companies?**

14 A. Yes, each Company is proposing to set its State Tax Adjustment Surcharge (“STAS”) at
15 zero because its base rate revenue requirement was calculated at the applicable state tax
16 rates. Except for Penn Power, the current STAS for the Companies is a credit. In
17 addition, all four Companies propose to reduce their Smart Meter Technology Charge to
18 zero and include the appropriate level of costs as part of their proposed distribution base
19 rate revenue requirement. This proposed change is set forth in the State Tax Adjustment
20 Surcharge Rider set forth as Rider A in the proposed tariffs of each of the Companies.

21

1 **IV. PROOF OF REVENUE ANALYSIS AND BILL COMPARISONS**

2 **Q. What is a proof of revenue analysis?**

3 A. A proof of revenue analysis provides the total billing units for a specified period (May 1,
4 2015 through April 30, 2016, for the fully projected future test year), including pro forma
5 ratemaking adjustments, summarized by rate components for each rate schedule and
6 multiplied by the applicable unit rates to derive the base rate revenues that proposed rates
7 will produce. Exhibits KMS-5 contain each Company's respective proof of revenue
8 analysis.

9 **Q. Have you prepared an analysis of the rates in the Companies' proposed tariffs**
10 **showing their impact upon various customer classes?**

11 A. Yes. Exhibits KMS-6 set forth each Company's comparison of bills at current and
12 proposed rates for the Companies' residential, commercial and industrial customers at
13 selected ranges of usage. Each exhibit shows, among other things, the percentage impact
14 on a customer's total electric service bill based on the proposed rates. For example, as
15 shown on page 1 of Met-Ed Exhibit KMS-6, a residential customer of Met-Ed that
16 receives service under Rate Schedule RS and uses 1000 kWh per month would pay
17 \$149.13 under the proposed rates, which represents an increase of 16.02% in the
18 customer's total bill.

19 **Q. Please explain what is shown in Exhibit KMS-7 for each Company.**

20 A. Filing Requirement IV-E-2 requires that the Companies provide a comparison showing
21 costs, as defined by the cost of service study, and the proposed base rate revenues and

1 usage for all rate schedules. Exhibit KMS-7 for each Company depicts that comparison
2 graphically for representative rate schedules.

3 **V. COMPANY-SPECIFIC MODIFICATIONS**

4 **A. Met-Ed And Penelec**

5 **Q. Please describe the specific changes to the Met-Ed and Penelec rate designs that are**
6 **being proposed.**

7 A. The following changes are being proposed to the Met-Ed and Penelec rate designs:

8 1) Rate Schedule RT will be eliminated, and all of the rate schedules applicable to
9 the residential class will be consolidated into one standard Residential rate
10 schedule. As previously explained, the Companies are proposing a Time-of-Use
11 Default Service Rider for Met-Ed and Penelec that, along with similar Riders
12 already in place for Penn Power and West Penn, will provide Residential
13 customers a time-of-use option for default generation supply service. This
14 approach is consistent with the Commission's Final Order in the Retail Markets
15 Investigation which recommends that the Companies move away from Time-of-
16 Use distribution rates and towards a Time-of-Use rider for generation.⁶

17 2) As explained earlier, an upper limit of 400 kW will be placed on the availability
18 of Rate Schedule GS-Medium. In addition, the eight-hour and twelve-hour time-
19 of-day rates will be eliminated, and a reactive power charge will be added to this
20 rate schedule.

⁶ *Investigation of Pennsylvania's Retail Elec. Market Intermediate Work Plan*, Docket No. I-2011-2237952 (Final Order entered March 2, 2012), p. 47.

1 3) Rate Schedule GS-Large will be available only for secondary voltage customers
2 with loads over 400 kW. In addition, the eight-hour and twelve-hour time-of-day
3 rates will be eliminated and a reactive power charge will be added.

4 4) The eight-hour and twelve-hour time-of-day provisions in Rate Schedules GP and
5 TP are being eliminated.

6 5) The voltage discount for customers served at voltages of 115kV or higher will be
7 made consistent across all the Companies.

8 **Q. Why are all of the eight-hour and twelve-hour time-of-day options being eliminated**
9 **from the Commercial and Industrial rate schedules?**

10 A. They are being eliminated for several reasons. First, in the current rate schedules the
11 time-of-day rate and the standard rate are the same. Second, the time-of-day provisions
12 were established when bundled rates, which included a generation component, provided
13 customers a meaningful incentive to take service on a time-differentiated rate. The time-
14 of-day rate differentials were largely driven by the cost of providing generation service,
15 which exhibits differences based on time of use. However, after unbundling, time-of-use
16 differentials in distribution rates are not justified because distribution service does not
17 exhibit comparable cost differences based on time of use. Customers desiring time-of-
18 use generation service can shop for that service with EGSs or obtain hourly default
19 service for the generation and transmission portion of their electric service.

20

1 **B. Penn Power**

2 **Q. Please describe the specific changes to the Penn Power rate design that are being**
3 **proposed.**

4 A. The following changes are being proposed to the Penn Power rate design:

5 1) Rate Schedule RH – Heating Service, as well as the water heating option of Rate
6 Schedule RH, will be eliminated, and all of the rate schedules applicable to the
7 residential class will be consolidated into one standard Residential rate schedule.
8 The rate schedules being eliminated have been grandfathered for existing
9 customers since June 1, 2008. The Company will maintain the existing Time-of-
10 Use provision within Penn Power’s PTC Default Service Rider.

11 2) The Optional Controlled Service (“OCS”) for Water Heating as well as the OCS –
12 Add-On Electric Heat Pump or Centralized Resistance Heating Rate are being
13 eliminated. These rates no longer provide an advantage to Residential customers
14 as compared to the standard Rate Schedule RS.

15 3) Rate Schedule GS currently is available for secondary voltage customers with
16 loads up to 50 kW. The Company proposes to modify the availability of this Rate
17 Schedule to conform to the standardized rate design, and, as such, it will apply to
18 all customers with usage up to 1,500 kWh per month.

19 4) Rate Schedule GS-Medium will be revised consistent with the changes I
20 previously discussed for Met-Ed and Penelec.

- 1 **5)** The Company proposes to add a new Rate Schedule GS-Large for those
2 secondary voltage customers with demands over 400 kW. This new rate schedule
3 will have the same rate design as Met-Ed's and Penelec's GS-Large, except that
4 the cost allocation differentials will be derived from Penn Power's cost of service
5 study.
- 6 **6)** The Company proposes to eliminate Rate Schedule OH – Commercial and
7 Industrial Optional Heating.
- 8 **7)** The Company proposes to modify the design of Rate Schedule GP to include a
9 Customer Charge and to replace the existing kVA charge with a reactive power
10 charge in addition to a kW demand charge.
- 11 **8)** For Rate Schedule GT, a new Customer Charge is proposed. The balance of the
12 rate design will remain as currently structured.
- 13 **9)** As previously explained, the voltage discount for customers served at 115kV or
14 greater will be made consistent across all the Companies.

15 **C. West Penn**

16 **Q. Please describe the specific changes to the West Penn rate design that are being**
17 **proposed.**

18 **A.** The following changes are being proposed to the West Penn rate design:

- 19 **1)** The Wind Energy Service Rider that currently applies to all rate schedules will be
20 eliminated. No customers are served on this Rider.

- 1 **2)** The Company is proposing a Universal Service Cost Rider consistent with those
2 of the other three Companies. As I noted earlier, Ms. Bortz addresses this Rider
3 in Met-Ed/Penelec/Penn Power/West Penn Statement No. 4.
- 4 **3)** As previously explained, to be consistent with the other three Companies, West
5 Penn proposes to revise its DSS and HPS Riders to include an uncollectible
6 accounts component, as Ms. Gifford discusses in Met-Ed/Penelec/Penn
7 Power/West Penn Statement No. 7.
- 8 **4)** Rate Schedule 20 currently is available for non-Residential customers with loads
9 of less than 100 kW. The Company proposes to re-map the customers served on
10 this Rate Schedule to include all non-Residential customers that have usage of
11 less than 1,500 kWh per month. The rate design for this rate class will include a
12 new Customer Charge and will replace the demand charge with an energy-only
13 charge.
- 14 **5)** The Company proposes to transition Rate Schedules 22, 23, and 24 to Rate
15 Schedule 20. Rate Schedules 22 and 23 have been grandfathered for an extended
16 period of time and, due to unbundling, no longer provide a benefit to customers.
17 Because of the seasonal aspect of Rate Schedule 24- Fair and Carnival Service, it
18 is not designed for the current unbundled rate environment. Consequently, there
19 is no reason to retain these Rate Schedules.
- 20 **6)** For all Rate Schedules, the Company proposes to eliminate the block rate
21 structures and space heating options. Due to unbundling, block rates and pricing

1 differentials for space heating are not cost-justified. For that reason, and in order
2 to simplify the tariff, these provisions should be eliminated.

3 7) The Company proposes to remap Rate Schedule 30 to conform to the structure of
4 the other three Companies. Rate Schedule 30 currently distinguishes between
5 Rate Schedule 30 (Small) and Rate Schedule 30 (Large), with only customers
6 having loads of 500 kW or greater qualifying for the latter. The new structure
7 West Penn is proposing would maintain all secondary voltage customers with
8 loads of 400 kW or less on Rate Schedule 30. Rate Schedule 30 will be revised to
9 include a new Customer Charge and to remove the voltage discount for customers
10 with loads between 1,000 and 15,000 volts and for customers over 15,000 volts.
11 In addition, all block pricing will be eliminated. The Company also proposes to
12 include a reactive power charge in addition to a standard demand charge.

13 8) For all secondary voltage customers with loads over 400 kW, the Company is
14 proposing a new Rate Schedule 35 consisting of a Customer Charge, a kW
15 Demand Charge, and a reactive power charge.

16 9) The Company proposes to consolidate Rate Schedules 40 and 41 and to eliminate
17 the weekly demand provision in Rate Schedule 41, which is currently the only
18 difference between these two rate schedules. The rate design will include a
19 Customer Charge, a kW Demand Charge, and a per kWh energy charge. The
20 Company will maintain the existing reactive power charge, but eliminate the
21 block pricing and modify the voltage discounts to be stated on the basis of a
22 percentage of demand.

1 Finally, I would note that, in compliance with its commitment in the Commission-
2 approved Joint Petition for Partial Settlement at Docket Nos. A-2010-2176520 and A-
3 2010-2176732, West Penn is proposing no change in the design of Rate Schedules 44 and
4 46 in this case.

5 **VI. MISCELLANEOUS MATTERS**

6 **Q. Please describe the provisions of 52 Pa. Code § 69.36.**

7 A. This section of the Commission’s regulations is a Statement of Policy expressing the
8 Commission’s intent to examine in electric and gas rate proceedings actions taken by
9 utilities to encourage the development of cost effective energy supply alternatives. I am
10 responding only to 52 Pa. Code § 69.36(5), which requires utilities to demonstrate
11 “progressive work regarding the development of a reliable customer data base.”

12 **Q. Please address the Companies’ efforts to develop a reliable customer data base in**
13 **accordance with 52 Pa. Code § 69.36(5).**

14 A. The Companies have completed substantial work in this area. The Companies’ Customer
15 Care System currently contains data for each customer regarding billing, usage and
16 usage-related revenue, demand and demand-related revenue, rate categories and a
17 “premises” code. The premises code keeps track of all data associated with a location,
18 even if the customer at that location changes its name, moves, etc. More recently, the
19 Companies have developed a “business warehouse” data base that allows the Companies
20 to query customer-specific data. In addition to this data base, the Companies routinely
21 complete residential customer surveys, which produce additional information concerning
22 customers’ characteristics, such as appliance usage and air conditioning saturation. Also,

1 each year the Companies conduct a Large Power Customer contact survey. Throughout
2 the year, Company representatives routinely meet with large customers to discuss their
3 current and long-term needs and other factors related to their electric service. These
4 contacts provide information regarding programs, services, rates and other information
5 which might affect their businesses.

6 From these data bases, surveys and other contacts with customers, the Companies have
7 amassed a substantial amount of information about customers' end-use applications and
8 their behavior and decision-making processes. This information is routinely factored into
9 the Companies' planning for furnishing service and conducting their operations.

10 **VII. CONCLUSION**

11 **Q. Does this complete your direct testimony?**

12 **A.** Yes, it does.

Resume: Education and Experience of Kevin M. Siedt

Education:

1984 Bachelor of Science Degree- Accounting/Finance, Rowan University, Glassboro, New Jersey
1994 Masters of Business Administration Degree, Moravian College, Bethlehem, PA

Experience:

1984 – 1987 Commercial Credit Analyst – First Fidelity Bank
1987 – 1993 Financial Analyst, Corporate Finance Department – Foster Wheeler Corporation
1993 – 1996 Senior Financial Analyst, Corporate and Project Finance – Foster Wheeler Corporation
1996 – 1997 Manager of Financial Analysis, Corporate and Project Finance - Foster Wheeler Corporation
1997 – 1998 Director of Financial Analysis, Corporate and Project Finance – Foster Wheeler Corporation
1998 – 2001 Financial Consultant, Treasury Department – GPU Corporation
2001 – 2002 Consultant, Market Economics – GPU Corporation
2002 – 2010 Staff Business Analyst, Rates and Regulatory Affairs – FirstEnergy Service Company
2010 – Present Rate Analyst V, Rates and Regulatory Affairs – FirstEnergy Service Company

Prepared and presented testimony in the following rate-related cases:

Pa. P.U.C. Cases: Docket Nos. P-2014-2400828
P-2013-2390445
P-2013-2391368
P-2013-2391372
P-2013-2391375
P-2013-2391378
P-00072259
P-2010-2157862
M-2011-2250561
M-2011-2259298
M-2011-2250682
P-2012-2292284
C-2012-2284617
C-2012-2295306

M-2012-2312766
M-2012-2312767
M-2012-2312769
M-2012-2312772
M-2012-2312633
M-2012-2312770
M-2012-2334387
M-2912-2334392
M-2912-2334395
M-2912-2334398

NJ BPU Cases: Docket Nos. ER05121018
EM02030152
EM03060438
EM04010045
EM05040314
EM12040309

Assisted in development and preparation of the following rate cases:

Pa. P.U.C. Cases: Docket Nos. R-00061366
R-00061367
P-0072305
M-2008-2069887
P-2008-20066692
P-2009-2093053
P-2009-2093054
R-00974008
R-00974009
M-2009-2092222
M-2009-2112952
M-2009-2552956
P-2009-2093053
P-2009-2093054
M-A-2010-2176520
A-2010-2176732
P-2011-2273650
P-2011-2273668
P-2011-2273669
P-2011-2273670
M-2012-2289411

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Fully Projected Test Year Twelve Months Ending April 2016

Basic Input Factors

Line No.	Rate Group (1)	Number of Customers		Billed Usage (KWH) (4)	Billed Demand* Units (5)	Billed Revenues (\$) (6)	Incremental Rate (¢/KWH) (7)	Incremental Rate (\$/Customer) (8)	Incremental Rate (\$/Demand*) (9)	Added Customers (10)	Added Customer Useage (KWH) (11)	Added Customer Demands* (12)	Specific Energy Adjustment (13)	Specific Demand* Adjustment (14)	Added Customer Use Revenue (15)	Specific Revenue Adjustment (16)
		End of Period (2)	Monthly Average (3)													
1	RS	479,583	479,516	4,141,095,792	0	\$ 169,281,708	2.979¢	\$ 7.980	N/A	67	578,612	0	(24,514,693)	0	\$ 23,653	\$ (730,293)
2	RT	21,719	21,716	321,161,335	0	\$ 12,895,050	3.103¢	\$ 11.239	N/A	3	44,367	0	(1,901,226)	0	\$ 1,781	\$ (58,995)
3	GSV	683	685	17,951,755	0	\$ 641,172	3.158¢	\$ 9.046	N/A	(2)	(52,414)	0	(105,947)	0	\$ (1,872)	\$ (3,346)
4	TOT RES	501,985	501,917	4,480,208,882	0	\$ 182,817,930				68	570,565	0	(26,521,866)	0	\$ 23,562	\$ (792,634)
5	GSS	51,013	51,287	268,859,901	0	\$ 9,136,241	1.629¢	\$ 7.730	N/A	(274)	(1,436,308)	0	(1,206,881)	0	\$ (48,814)	\$ (19,660)
6	GSM	30,064	29,750	3,226,846,643	13,624,273	\$ 60,207,441	0.480¢	\$ 11.545	\$ 2.980	314	34,058,010	143,812	(14,729,949)	(62,192)	\$ 635,540	\$ (256,036)
7	H	152	159	32,797,257	0	\$ 873,091	2.546¢	\$ 19.930	N/A	(7)	(1,443,904)	0	(1,069,495)	0	\$ (38,436)	\$ (27,229)
8	OL	2,457	2,457	16,631,746	0	\$ 2,751,266	0.000¢	\$ 93.314	N/A	0	0	0	(75,082)	0	\$ -	\$ -
9	BORD	15	0	0	0	\$ -	3.823¢	\$ 18.402	N/A	15	665,426	0	(3,178)	0	\$ 28,752	\$ (121)
10	TOT COM	83,701	83,653	3,545,135,547	13,624,273	\$ 72,968,039				48	31,843,224	143,812	(17,084,585)	(62,192)	\$ 577,042	\$ (303,046)
11	GSL	401	405	1,087,788,430	4,447,661	\$ 13,892,754	0.000¢	\$ 41.290	\$ 3.078	(4)	(10,743,588)	(43,928)	(7,132,450)	(29,163)	\$ (137,192)	\$ (89,764)
12	GP	392	394	2,069,416,985	8,382,761	\$ 12,198,991	0.000¢	\$ 292.490	\$ 1.293	(2)	(10,504,654)	(42,552)	(13,634,612)	(55,231)	\$ (62,039)	\$ (71,414)
13	LP	44	44	2,667,861,758	8,689,334	\$ 8,591,892	0.000¢	\$ 1,238.620	\$ 0.914	0	0	0	(17,667,222)	(57,543)	\$ -	\$ (52,594)
14	QF	6	0	0	52,214	\$ 18,275	0.000¢	\$ 86.430	\$ 0.350	6	0	0	0	0	\$ 6,223	\$ -
15	TOT IND	843	843	5,825,067,173	21,571,970	\$ 34,701,912				0	(21,248,242)	(86,480)	(38,434,284)	(141,937)	\$ (193,008)	\$ (213,772)
16	STLT	776	776	38,622,881	0	\$ 4,298,331	0.016¢	\$ 469.797	N/A	0	0	0	0	0	\$ -	\$ -
17	TOTAL PA	587,305	587,189	13,889,034,483	35,196,243	\$ 294,786,212				116	11,165,547	57,332	(82,040,735)	(204,129)	\$ 407,596	\$ (1,309,452)

*Includes billed kW, kVAR, minimum kW, and standby kW

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Fully Projected Test Year Twelve Months Ending April 2016

Energy Usage and Adjustments

Line No.	Rate Group (1)	Number of Customers		Added Customers (2)-(3) (4)	Billed Usage (KWH) (5)	Billed Demand* Units (6)	KWH per Customer (5)/(3) (7)	Demand* per Customer (6)/(3) (8)	Added Customer KWH Usage (4)*(7) (9)	Added Customer Demands* (4)*(8) (10)	Specific Energy Adjust (KWH) (11)	Specific Demand* Adjustment (10)*(6)/(5) (12)	Total Energy Adjustment (9)+(11) (13)	Total Demand* Adjustment (10)+(12) (14)	Normalized Energy (KWH) (5)+(13) (15)	Normalized Demands* (6)+(14) (16)
		End of Period (2)	Monthly Average (3)													
1	RS	479,583	479,516	67	4,141,095,792	0	8,636	0	578,612	0	(24,514,693)	0	(23,936,081)	0	4,117,159,711	0
2	RT	21,719	21,716	3	321,161,335	0	14,789	0	44,367	0	(1,901,226)	0	(1,856,859)	0	319,304,476	0
3	GSV	683	685	(2)	17,951,755	0	26,207	0	(52,414)	0	(105,947)	0	(158,361)	0	17,793,394	0
4	TOT RES	501,985	501,917	68	4,480,208,882	0			570,565	0	(26,521,866)	0	(25,951,301)	0	4,454,257,581	0
5	GSS	51,013	51,287	(274)	268,859,901	0	5,242	0	(1,436,308)	0	(1,206,881)	0	(2,643,189)	0	266,216,712	0
6	GSM	30,064	29,750	314	3,226,846,643	13,624,273	108,465	458	34,058,010	143,812	(14,729,949)	(62,192)	19,328,061	81,620	3,246,174,704	13,705,893
7	H	152	159	(7)	32,797,257	0	206,272	0	(1,443,904)	0	(1,069,495)	0	(2,513,399)	0	30,283,858	0
8	OL	2,457	2,457	0	16,631,746	0	6,769	0	0	0	(75,082)	0	(75,082)	0	16,556,664	0
9	BORD	15	0	15	0	0	44,362	0	665,426	0	(3,178)	0	662,248	0	662,248	0
10	TOT COM	83,701	83,653	48	3,545,135,547	13,624,273			31,843,224	143,812	(17,084,585)	(62,192)	14,758,639	81,620	3,559,894,186	13,705,893
11	GSL	401	405	(4)	1,087,788,430	4,447,661	2,685,897	10,982	(10,743,588)	(43,928)	(7,132,450)	(29,163)	(17,876,038)	(73,091)	1,069,912,392	4,374,570
12	GP	392	394	(2)	2,069,416,985	8,382,761	5,252,327	21,276	(10,504,654)	(42,552)	(13,634,612)	(55,231)	(24,139,266)	(97,783)	2,045,277,719	8,284,978
13	LP	44	44	0	2,667,861,758	8,689,334	60,633,222	197,485	0	0	(17,667,222)	(57,543)	(17,667,222)	(57,543)	2,650,194,536	8,631,791
14	QF	6	0	6	52,214	0	0	0	0	0	0	0	0	0	52,214	0
15	TOT IND	843	843	0	5,825,067,173	21,571,970			(21,248,242)	(86,480)	(38,434,284)	(141,937)	(59,682,526)	(228,417)	5,765,384,647	21,343,553
16	STLT	776	776	0	38,622,881	0	49,772	0	0	0	0	0	0	0	38,622,881	0
17	TOTAL PA	587,305	587,189	116	13,889,034,483	35,196,243			11,165,547	57,332	(82,040,735)	(204,129)	(70,875,188)	(146,797)	13,818,159,295	35,049,446

*Includes billed kW, KVAR, minimum kW, and standby kW

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Fully Projected Test Year Twelve Months Ending April 2016

Revenues and Adjustments																
Line No.	Rate Group (1)	Billed Usage (KWH) (2)	Billed Revenues** (\$) (3)	Added Customers (4)	Added Customer KWH Usage (5)	Added Customer Demands* (6)	Specific Energy Adjustment (7)	Specific Demand* Adjustment (8)	Incremental Rate** (¢/KWH) (9)	Incremental Rate** (\$/Customer) (10)	Incremental Rate** (\$/Demand*) (11)	Added Customer Use Revenue** (4)*(10)+12+(5)*(9)/100+(6)*(11) (12)	Specific Revenue** Adjustment (7)*(9)/100+(8)*(11) (13)	Other Revenue** Adjustment (14)	Total Revenue** Adjustment (12)+(13)+(14) (15)	Normalized Revenues** (3)+(15) (16)
1	RS	4,141,095,792	\$ 169,281,708	67	578,612	0	(24,514,693)	0	2.979¢	\$ 7.980	N/A	\$ 23,653	\$ (730,293)	\$ -	\$ (706,640)	\$ 168,575,068
2	RT	321,161,335	\$ 12,895,050	3	44,367	0	(1,901,226)	0	3.103¢	\$ 11.239	N/A	\$ 1,781	\$ (58,995)	\$ -	\$ (57,214)	\$ 12,837,836
3	GSV	17,951,755	\$ 641,172	(2)	(52,414)	0	(105,947)	0	3.158¢	\$ 9.046	N/A	\$ (1,872)	\$ (3,346)	\$ -	\$ (5,218)	\$ 635,954
4	TOT RES	4,480,208,882	\$ 182,817,930	68	570,565	0	(26,521,866)	0				\$ 23,562	\$ (792,634)	\$ -	\$ (769,072)	\$ 182,048,858
5	GSS	268,859,901	\$ 9,136,241	(274)	(1,436,308)	0	(1,206,881)	0	1.629¢	\$ 7.730	N/A	\$ (48,814)	\$ (19,660)	\$ -	\$ (68,474)	\$ 9,067,767
6	GSM	3,226,846,643	\$ 60,207,441	314	34,058,010	143,812	(14,729,949)	(62,192)	0.480¢	\$ 11.545	\$ 2.980	\$ 635,540	\$ (256,036)	\$ -	\$ 379,504	\$ 60,586,945
7	H	32,797,257	\$ 873,091	(7)	(1,443,904)	0	(1,069,495)	0	2.546¢	\$ 19.930	N/A	\$ (38,436)	\$ (27,229)	\$ -	\$ (65,665)	\$ 807,426
8	OL	16,631,746	\$ 2,751,266	0	0	0	(75,082)	0	0.000¢	\$ 93.314	N/A	\$ -	\$ -	\$ -	\$ -	\$ 2,751,266
9	BORD	0	\$ -	15	665,426	0	(3,178)	0	3.823¢	\$ 18.402	N/A	\$ 28,752	\$ (121)	\$ -	\$ 28,631	\$ 28,631
10	TOT COM	3,545,135,547	\$ 72,968,039	48	31,843,224	143,812	(17,084,585)	(62,192)				\$ 577,042	\$ (303,046)	\$ -	\$ 273,996	\$ 73,242,035
11	GSL	1,087,788,430	\$ 13,892,754	(4)	(10,743,588)	(43,928)	(7,132,450)	(29,163)	0.000¢	\$ 41.290	\$ 3.078	\$ (137,192)	\$ (89,764)	\$ -	\$ (226,956)	\$ 13,665,798
12	GP	2,069,416,985	\$ 12,198,991	(2)	(10,504,654)	(42,552)	(13,634,612)	(55,231)	0.000¢	\$ 292.490	\$ 1.293	\$ (62,039)	\$ (71,414)	\$ -	\$ (133,453)	\$ 12,065,538
13	LP	2,667,861,758	\$ 8,591,892	0	0	0	(17,667,222)	(57,543)	0.000¢	\$ 1,238.620	\$ 0.914	\$ -	\$ (52,594)	\$ -	\$ (52,594)	\$ 8,539,298
14	QF	0	\$ 18,275	6	0	0	0	0	0.000¢	\$ 86.430	\$ 0.350	\$ 6,223	\$ -	\$ -	\$ 6,223	\$ 24,498
15	TOT IND	5,825,067,173	\$ 34,701,912	0	(21,248,242)	(86,480)	(38,434,284)	(141,937)				\$ (193,008)	\$ (213,772)	\$ -	\$ (406,780)	\$ 34,295,132
16	STLT	38,622,881	\$ 4,298,331	0	0	0	0	0	0.016¢	\$ 469.797	N/A	\$ -	\$ -	\$ 82,672	\$ 82,672	\$ 4,381,003
17	TOTAL PA	13,889,034,483	\$ 294,786,212	116	11,165,547	57,332	(82,040,735)	(204,129)				\$ 407,596	\$ (1,309,452)	\$ 82,672	\$ (819,184)	\$ 293,967,028

*Includes billed kW, kVAR, minimum kW, and standby kW

**Excludes STAS revenue; includes 5.9% GRT

Other Revenue Adjustments

Description	Amount
1) Street Lighting Excavation Charge adjustment - A customer requesting an underground system is charged \$0.0212 per foot of excavation. The revenue associated with this charge was not included in the budget forecast.	\$ 53,775
2) Street Lighting Paving/Sidewalk Charge adjustment - A customer requesting an underground system is also charged \$22.88 per foot for removing and replacing paving or sidewalks. The revenue associated with this charge was not included in the budget forecast.	\$ 571
3) Street Lighting - Altoona Overhead Circuit Charge adjustment - Special Provision G for Municipal Street Lighting Service for the City of Altoona imposes specific customer charges for the installation of overhead circuits from street lighting transformers to pole locations. Customers are charged \$0.99 for each overhead self-controlled unit served from the general overhead distribution system. The revenue associated with this charge was not included in the budget forecast.	\$ 22,071
4) Street Lighting - Altoona Street Lighting Consumption Charge adjustment - Special Provision G for Municipal Street Lighting Service for the City of Altoona also imposes a charge for kWh consumed, as indicated by the summatio of the monthly meter readings. Revenue related to this charge was not reflected in the budget forecast.	\$ 6,255
Total	\$ 82,672

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Future Test Year Twelve Months Ending March 2015

Basic Input Factors

Line No.	Rate Group (1)	Number of Customers End of Period (2)	Monthly Average (3)	Billed Usage (KWH) (4)	Billed Demand* Units (5)	Billed Revenues (\$) (6)	Incremental Rate** (¢/KWH) (7)	Incremental Rate** (\$/Customer) (8)	Incremental Rate** (\$/Demand*) (9)	Added Customers (10)	Added Customer Useage (KWH) (11)	Added Customer Demands* (12)	Specific Energy Adjustment (13)	Specific Demand* Adjustment (14)	Added Customer Use Revenue** (15)	Specific Revenue** Adjustment (16)
1	RS	479,400	479,851	4,099,084,781	0	\$ 168,062,241	2.979¢	\$ 7.980	N/A	(451)	(3,852,442)	0	(63,186,265)	0	\$ (157,952)	\$ (1,882,319)
2	RT	21,714	21,577	316,487,964	0	\$ 12,725,122	3.102¢	\$ 11.232	N/A	137	2,009,516	0	(4,914,170)	0	\$ 80,801	\$ (152,438)
3	GSV	681	684	17,728,950	0	\$ 633,929	3.157¢	\$ 9.045	N/A	(3)	(77,760)	0	(272,344)	0	\$ (2,781)	\$ (8,598)
4	TOT RES	501,795	502,112	4,433,301,695	0	\$ 181,421,292				(317)	(1,920,686)	0	(68,372,779)	0	\$ (79,932)	\$ (2,043,355)
5	GSS	50,985	51,338	263,912,518	0	\$ 9,060,438	1.629¢	\$ 7.730	N/A	(353)	(1,814,773)	0	(4,845,584)	0	\$ (62,307)	\$ (78,935)
6	GSM	29,973	29,560	3,188,195,333	13,538,906	\$ 59,771,432	0.480¢	\$ 11.485	\$ 2.984	413	44,544,115	189,154	(59,773,927)	(253,834)	\$ 835,167	\$ (1,044,356)
7	H	152	158	32,071,869	0	\$ 854,313	2.546¢	\$ 19.930	N/A	(6)	(1,217,922)	0	(989,797)	0	\$ (32,443)	\$ (25,200)
8	OL	2,457	2,438	16,729,222	0	\$ 2,451,530	0.000¢	\$ 83.787	N/A	19	130,378	0	(311,725)	0	\$ 19,103	\$ -
9	BORD	15	0	0	0	\$ -	3.823¢	\$ 18.402	N/A	15	665,426	0	(12,382)	0	\$ 28,752	\$ (473)
10	TOT COM	83,582	83,494	3,500,908,942	13,538,906	\$ 72,137,713				88	42,307,224	189,154	(65,933,415)	(253,834)	\$ 788,272	\$ (1,148,964)
11	GSL	402	407	1,084,968,200	4,416,066	\$ 13,761,347	0.000¢	\$ 41.290	\$ 3.071	(5)	(13,328,850)	(54,250)	(38,764,999)	(157,782)	\$ (169,079)	\$ (484,549)
12	GP	392	398	2,059,248,520	8,305,172	\$ 12,086,018	0.000¢	\$ 292.490	\$ 1.288	(6)	(31,043,946)	(125,202)	(73,367,358)	(295,898)	\$ (182,319)	\$ (381,117)
13	LP	43	45	2,647,026,499	8,621,370	\$ 9,105,809	0.000¢	\$ 1,238.620	\$ 0.979	(2)	(117,645,622)	(383,172)	(91,496,683)	(298,005)	\$ (404,852)	\$ (291,747)
14	QF	6	0	0	13,054	\$ 4,569	0.000¢	\$ 86.430	\$ 0.350	6	0	0	39,162	0	\$ 6,223	\$ 13,707
15	TOT IND	843	850	5,791,243,219	21,355,662	\$ 34,957,743				(7)	(162,018,418)	(562,624)	(203,629,040)	(712,523)	\$ (750,027)	\$ (1,143,706)
16	STLT	776	751	38,578,198	0	\$ 4,290,385	0.016¢	\$ 484.877	N/A	25	1,284,225	0	0	0	\$ 145,669	\$ -
17	TOTAL PA	586,996	587,207	13,764,032,054	34,894,568	\$ 292,807,133				(211)	(120,347,655)	(373,470)	(337,935,234)	(966,357)	\$ 103,982	\$ (4,336,025)

*Includes billed kW, kVAR, minimum kW, and standby kW

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Future Test Year Twelve Months Ending March 2015

Energy Usage and Adjustments

Line No.	Rate Group (1)	Number of Customers		Added Customers (2)-(3) (4)	Billed Usage (KWH) (5)	Billed Revenues Units (6)	KWH per Customer (5)/(3) (7)	Demand* per Customer (6)/(3) (8)	Added Customer KWH Usage (4)*(7) (9)	Added Customer Demands* (4)*(8) (10)	Specific Energy Adjust (KWH) (11)	Specific Demand* Adjustment (10)*(6)/(5) (12)	Total Energy Adjustment (9)+(11) (13)	Total Demand* Adjustment (10)+(12) (14)	Normalized Energy (KWH) (5)+(13) (15)	Normalized Demands* (6)+(14) (16)
		End of Period (2)	Monthly Average (3)													
1	RS	479,400	479,851	(451)	4,099,084,781	0	8,542	0	(3,852,442)	0	(63,186,265)	0	(67,038,707)	0	4,032,046,074	0
2	RT	21,714	21,577	137	316,487,964	0	14,668	0	2,009,516	0	(4,914,170)	0	(2,904,654)	0	313,583,310	0
3	GSV	681	684	(3)	17,728,950	0	25,920	0	(77,760)	0	(272,344)	0	(350,104)	0	17,378,846	0
4	TOT RES	501,795	502,112	(317)	4,433,301,695	0			(1,920,686)	0	(68,372,779)	0	(70,293,465)	0	4,363,008,230	0
5	GSS	50,985	51,338	(353)	263,912,518	0	5,141	0	(1,814,773)	0	(4,845,584)	0	(6,660,357)	0	257,252,161	0
6	GSM	29,973	29,560	413	3,188,195,333	13,538,906	107,855	458	44,544,115	189,154	(59,773,927)	(253,834)	(15,229,812)	(64,680)	3,172,965,521	13,474,226
7	H	152	158	(6)	32,071,869	0	202,987	0	(1,217,922)	0	(989,797)	0	(2,207,719)	0	29,864,150	0
8	OL	2,457	2,438	19	16,729,222	0	6,862	0	130,378	0	(311,725)	0	(181,347)	0	16,547,875	0
9	BORD	15	0	15	0	0	44,362	0	665,426	0	(12,382)	0	653,044	0	653,044	0
10	TOT COM	83,582	83,494	88	3,500,908,942	13,538,906			42,307,224	189,154	(65,933,415)	(253,834)	(23,626,191)	(64,680)	3,477,282,751	13,474,226
11	GSL	402	407	(5)	1,084,968,200	4,416,066	2,665,770	10,850	(13,328,850)	(54,250)	(38,764,999)	(157,782)	(52,093,849)	(212,032)	1,032,874,351	4,204,034
12	GP	392	398	(6)	2,059,248,520	8,305,172	5,173,991	20,867	(31,043,946)	(125,202)	(73,367,358)	(295,898)	(104,411,304)	(421,100)	1,954,837,216	7,884,072
13	LP	43	45	(2)	2,647,026,499	8,621,370	58,822,811	191,586	(117,645,622)	(383,172)	(91,496,683)	(298,005)	(209,142,305)	(681,177)	2,437,884,194	7,940,193
14	QF	6	0	6	13,054	0	0	0	0	0	39,162	0	39,162	0	52,216	0
15	TOT IND	843	850	(7)	5,791,243,219	21,355,662			(162,018,418)	(562,624)	(203,629,040)	(712,523)	(365,647,458)	(1,275,147)	5,425,595,761	20,080,515
16	STLT	776	751	25	38,578,198	0	51,369	0	1,284,225	0	0	0	1,284,225	0	39,862,423	0
17	TOTAL PA	586,996	587,207	(211)	13,764,032,054	34,894,568			(120,347,655)	(373,470)	(337,935,234)	(966,357)	(458,282,889)	(1,339,827)	13,305,749,165	33,554,741

*Includes billed kW, kVAR, minimum kW, and standby kW

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Future Test Year Twelve Months Ending March 2015

Revenues and Adjustments

Line No.	Rate Group (1)	Billed Usage (KWH) (2)	Billed Revenues (\$) (3)	Added Customers (4)	Added Customer KWH Usage (5)	Added Revenues Demands* (6)	Specific Energy Adjustment (7)	Specific Demand* Adjustment (8)	Incremental Rate (¢/KWH) (9)	Incremental Rate (\$/Customer) (10)	Incremental Rate (\$/Demand*) (11)	Added Customer Use Revenue (4)*(10)*12+(5)*(9)/100+(6)*(11) (12)	Specific Revenue Adjustment (7)*(9)/100+(8)*(11) (13)	Other Revenue Adjustment (14)	Total Revenue Adjustment (12)+(13)+(14) (15)	Normalized Revenues (3)+(15) (16)
1	RS	4,099,084,781	\$ 168,062,241	(451)	(3,852,442)	0	(63,186,265)	0	2.979¢	\$ 7.980	N/A	\$ (157,952)	\$ (1,882,319)	\$ -	\$ (2,040,271)	\$ 166,021,970
2	RT	316,487,964	\$ 12,725,122	137	2,009,516	0	(4,914,170)	0	3.102¢	\$ 11.232	N/A	\$ 80,801	\$ (152,438)	\$ -	\$ (71,637)	\$ 12,653,485
3	GSV	17,728,950	\$ 633,929	(3)	(77,760)	0	(272,344)	0	3.157¢	\$ 9.045	N/A	\$ (2,781)	\$ (8,598)	\$ -	\$ (11,379)	\$ 622,550
4	TOT RES	4,433,301,695	\$ 181,421,292	(317)	(1,920,686)	0	(68,372,779)	0				\$ (79,932)	\$ (2,043,355)	\$ -	\$ (2,123,287)	\$ 179,298,005
5	GSS	263,912,518	\$ 9,060,438	(353)	(1,814,773)	0	(4,845,584)	0	1.629¢	\$ 7.730	N/A	\$ (62,307)	\$ (78,935)	\$ -	\$ (141,242)	\$ 8,919,196
6	GSM	3,188,195,333	\$ 59,771,432	413	44,544,115	189,154	(59,773,927)	(253,834)	0.480¢	\$ 11.485	\$ 2.984	\$ 835,167	\$ (1,044,356)	\$ -	\$ (209,189)	\$ 59,562,243
7	H	32,071,869	\$ 854,313	(6)	(1,217,922)	0	(989,797)	0	2.546¢	\$ 19.930	N/A	\$ (32,443)	\$ (25,200)	\$ -	\$ (57,643)	\$ 796,670
8	OL	16,729,222	\$ 2,451,530	19	130,378	0	(311,725)	0	0.000¢	\$ 83.787	N/A	\$ 19,103	\$ -	\$ -	\$ 19,103	\$ 2,470,633
9	BORD	0	\$ -	15	665,426	0	(12,382)	0	3.823¢	\$ 18.402	N/A	\$ 28,752	\$ (473)	\$ -	\$ 28,279	\$ 28,279
10	TOT COM	3,500,908,942	\$ 72,137,713	88	42,307,224	189,154	(65,933,415)	(253,834)				\$ 788,272	\$ (1,148,964)	\$ -	\$ (360,692)	\$ 71,777,021
11	GSL	1,084,968,200	\$ 13,761,347	(5)	(13,328,850)	(54,250)	(38,764,999)	(157,782)	0.000¢	\$ 41.290	\$ 3.071	\$ (169,079)	\$ (484,549)	\$ -	\$ (653,628)	\$ 13,107,719
12	GP	2,059,248,520	\$ 12,086,018	(6)	(31,043,946)	(125,202)	(73,367,358)	(295,898)	0.000¢	\$ 292.490	\$ 1.288	\$ (182,319)	\$ (381,117)	\$ -	\$ (563,436)	\$ 11,522,582
13	LP	2,647,026,499	\$ 9,105,809	(2)	(117,645,622)	(383,172)	(91,496,683)	(298,005)	0.000¢	\$ 1,238.620	\$ 0.979	\$ (404,852)	\$ (291,747)	\$ -	\$ (696,599)	\$ 8,409,210
14	QF	0	\$ 4,569	6	0	0	39,162	0	0.000¢	\$ 86.430	\$ 0.350	\$ 6,223	\$ 13,707	\$ -	\$ 19,930	\$ 24,499
15	TOT IND	5,791,243,219	\$ 34,957,743	(7)	(162,018,418)	(562,624)	(203,629,040)	(712,523)				\$ (750,027)	\$ (1,143,706)	\$ -	\$ (1,893,733)	\$ 33,064,010
16	STLT	38,578,198	\$ 4,290,385	25	1,284,225	0	0	0	0.016¢	\$ 484.877	N/A	\$ 145,669	\$ -	\$ 82,672	\$ 228,341	\$ 4,518,726
17	TOTAL PA	13,764,032,054	\$ 292,807,133	(211)	(120,347,655)	(373,470)	(337,935,234)	(966,357)				\$ 103,982	\$ (4,336,025)	\$ 82,672	\$ (4,149,371)	\$ 288,657,762

*Includes billed kW, kVAR, minimum kW, and standby kW

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Historic Test Year Twelve Months Ending March 2014

Basic Input Factors

Line No.	Rate Group (1)	Number of Customers		Billed Usage (KWH) (4)	Billed Demand* Units (5)	Billed Revenues (\$) (6)	Incremental Rate (¢/KWH) (7)	Incremental Rate (\$/Customer) (8)	Incremental Rate (\$/Demand*) (9)	Added Customers (10)	Added Customer Usage (KWH) (11)	Added Customer Demands* (12)	Specific Energy Adjustment (13)	Specific Demand* Adjustment (14)	Added Customer Use Revenue (15)	Specific Revenue Adjustment (16)
		End of Period (2)	Monthly Average (3)													
1	RS	480,542	479,189	4,189,480,053	0	\$ 170,688,982	2.979¢	\$ 7.980	N/A	1,353	11,829,279	0	(275,616,187)	0	\$ 481,958	\$ (8,210,606)
2	RT	19,736	20,348	311,146,969	0	\$ 12,516,206	3.137¢	\$ 11.222	N/A	(612)	(9,358,092)	0	(19,798,090)	0	\$ (375,978)	\$ (621,066)
3	GSV	675	674	17,885,973	0	\$ 634,503	3.138¢	\$ 9.048	N/A	1	26,537	0	(1,175,105)	0	\$ 941	\$ (36,875)
4	TOT RES	500,953	500,211	4,518,512,995	0	\$ 183,839,691				742	2,497,724	0	(296,589,382)	0	\$ 106,921	\$ (8,868,547)
5	GSS	52,471	52,396	257,584,433	0	\$ 9,155,791	1.629¢	\$ 7.730	N/A	75	368,700	0	(11,372,820)	0	\$ 12,963	\$ (185,263)
6	GSM	28,597	28,615	3,258,910,271	13,731,473	\$ 60,722,388	0.480¢	\$ 11.856	\$ 3.002	(18)	(2,049,984)	(8,640)	(143,590,758)	(605,022)	\$ (38,338)	\$ (2,505,512)
7	H	152	152	30,913,138	0	\$ 823,474	2.546¢	\$ 19.930	N/A	0	0	0	(1,362,920)	0	\$ -	\$ (34,700)
8	OL	2,428	2,436	16,867,072	0	\$ 2,198,210	0.000¢	\$ 75.206	N/A	(8)	(55,392)	0	(741,205)	0	\$ (7,220)	\$ -
9	BORD	15	15	665,426	0	\$ 21,906	2.794¢	\$ 18.402	N/A	0	0	0	(29,338)	0	\$ -	\$ (820)
10	TOT COM	83,663	83,614	3,564,940,340	13,731,473	\$ 72,921,769				49	(1,736,676)	(8,640)	(157,097,041)	(605,022)	\$ (32,595)	\$ (2,726,295)
11	GSL	415	413	1,091,068,782	4,388,498	\$ 13,754,051	0.000¢	\$ 41.290	\$ 3.087	2	5,283,626	21,252	(60,411,286)	(242,986)	\$ 66,596	\$ (750,098)
12	GP	421	420	2,029,695,166	8,019,844	\$ 11,904,187	0.000¢	\$ 292.490	\$ 1.303	1	4,832,608	19,095	(112,106,690)	(442,962)	\$ 28,391	\$ (577,179)
13	LP	47	47	2,561,760,456	8,881,302	\$ 8,646,466	0.000¢	\$ 1,238.620	\$ 0.895	0	0	0	(141,158,302)	(489,378)	\$ -	\$ (437,993)
14	QF	8	8	0	49,950	\$ 25,780	0.000¢	\$ 86.430	\$ 0.350	0	0	0	0	0	\$ -	\$ -
15	TOT IND	891	888	5,682,524,404	21,339,594	\$ 34,330,484				3	10,116,234	40,347	(313,676,278)	(1,175,326)	\$ 94,987	\$ (1,765,270)
16	STLT	743	753	38,548,833	0	\$ 4,354,816	0.016¢	\$ 481.515	N/A	(10)	(511,940)	0	0	0	\$ (57,864)	\$ -
17	TOTAL PA	586,250	585,466	13,804,526,572	35,071,067	\$ 295,446,760				784	10,365,342	31,707	(767,362,701)	(1,780,348)	\$ 111,449	\$ (13,360,112)

*Includes billed kW, kVAR, minimum kW, and standby kW

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Historic Test Year Twelve Months Ending March 2014

Energy Usage and Adjustments

Line No.	Rate Group (1)	End of Period (2)	Monthly Average (3)	Added Customers (2)-(3) (4)	Billed Usage (KWH) (5)	Billed Demand* Units (6)	KWH per Customer (5)/(3) (7)	Demand* per Customer (6)/(3) (8)	Added Customer KWH Usage (4)*(7) (9)	Added Customer Demands* (4)*(8) (10)	Specific Energy Adjust (KWH) (11)	Specific Demand* Adjustment (10)*(6)/(5) (12)	Total Energy Adjustment (9)+(11) (13)	Total Demand* Adjustment (10)+(12) (14)	Normalized Energy (KWH) (5)+(13) (15)	Normalized Demands* (6)+(14) (16)
1	RS	480,542	479,189	1,353	4,189,480,053	0	8,743	0	11,829,279	0	(275,616,187)	0	(263,786,908)	0	3,925,693,145	0
2	RT	19,736	20,348	(612)	311,146,969	0	15,291	0	(9,358,092)	0	(19,798,090)	0	(29,156,182)	0	281,990,787	0
3	GSV	675	674	1	17,885,973	0	26,537	0	26,537	0	(1,175,105)	0	(1,148,568)	0	16,737,405	0
4	TOT RES	500,953	500,211	742	4,518,512,995	0			2,497,724	0	(296,589,382)	0	(294,091,658)	0	4,224,421,337	0
5	GSS	52,471	52,396	75	257,584,433	0	4,916	0	368,700	0	(11,372,820)	0	(11,004,120)	0	246,580,313	0
6	GSM	28,597	28,615	(18)	3,258,910,271	13,731,473	113,888	480	(2,049,984)	(8,640)	(143,590,758)	(605,022)	(145,640,742)	(613,662)	3,113,269,529	13,117,811
7	H	152	152	0	30,913,138	0	203,376	0	0	0	(1,362,920)	0	(1,362,920)	0	29,550,218	0
8	OL	2,428	2,436	(8)	16,867,072	0	6,924	0	(55,392)	0	(741,205)	0	(796,597)	0	16,070,475	0
9	BORD	15	15	0	665,426	0	44,362	0	0	0	(29,338)	0	(29,338)	0	636,088	0
10	TOT COM	83,663	83,614	49	3,564,940,340	13,731,473			(1,736,676)	(8,640)	(157,097,041)	(605,022)	(158,833,717)	(613,662)	3,406,106,623	13,117,811
11	GSL	415	413	2	1,091,068,782	4,388,498	2,641,813	10,626	5,283,626	21,252	(60,411,286)	(242,986)	(55,127,660)	(221,734)	1,035,941,122	4,166,764
12	GP	421	420	1	2,029,695,166	8,019,844	4,832,608	19,095	4,832,608	19,095	(112,106,690)	(442,962)	(107,274,082)	(423,867)	1,922,421,084	7,595,977
13	LP	47	47	0	2,561,760,456	8,881,302	54,505,542	188,964	0	0	(141,158,302)	(489,378)	(141,158,302)	(489,378)	2,420,602,154	8,391,924
14	QF	8	8	0	0	49,950	0	6,244	0	0	0	0	0	0	49,950	0
15	TOT IND	891	888	3	5,682,524,404	21,339,594			10,116,234	40,347	(313,676,278)	(1,175,326)	(303,560,044)	(1,134,979)	5,378,964,360	20,204,615
16	STLT	743	753	(10)	38,548,833	0	51,194	0	(511,940)	0	0	0	(511,940)	0	38,036,893	0
17	TOTAL PA	586,250	585,466	784	13,804,526,572	35,071,067			10,365,342	31,707	(767,362,701)	(1,780,348)	(756,997,359)	(1,748,641)	13,047,529,213	33,322,426

*Includes billed kW, kVAR, minimum kW, and standby kW

Pennsylvania Electric Company
 Sales and Distribution Revenue Normalization
 Historic Test Year Twelve Months Ending March 2014

Revenues and Adjustments

Line No.	Rate Group (1)	Billed Usage (KWH) (2)	Billed Revenues (\$) (3)	Added Customers (4)	Added Customer KWH Usage (5)	Added Customer Demands* (6)	Specific Energy Adjustment (7)	Specific Demand* Adjustment (8)	Incremental Rate (¢/KWH) (9)	Incremental Rate (\$/Customer) (10)	Incremental Rate (\$/Demand*) (11)	Added Customer Use Revenue (4)*(10)+5*(9)/100+(6)*(11) (12)	Specific Revenue Adjustment (7)*(9)/100+(8)*(11) (13)	Total Revenue Adjustment (12)+(13) (14)	Normalized Revenues (3)+(14) (15)
1	RS	4,189,480,053	\$ 170,688,982	1,353	11,829,279	0	(275,616,187)	0	2.979¢	\$ 7.980	N/A	\$ 481,958	\$ (8,210,606)	\$ (7,728,648)	\$ 162,960,334
2	RT	311,146,969	\$ 12,516,206	(612)	(9,358,092)	0	(19,798,090)	0	3.137¢	\$ 11.222	N/A	\$ (375,978)	\$ (621,066)	\$ (997,044)	\$ 11,519,162
3	GSV	17,885,973	\$ 634,503	1	26,537	0	(1,175,105)	0	3.138¢	\$ 9.048	N/A	\$ 941	\$ (36,875)	\$ (35,934)	\$ 598,569
4	TOT RES	4,518,512,995	\$ 183,839,691	742	2,497,724	0	(296,589,382)	0				\$ 106,921	\$ (8,868,547)	\$ (8,761,626)	\$ 175,078,065
5	GSS	257,584,433	\$ 9,155,791	75	368,700	0	(11,372,820)	0	1.629¢	\$ 7.730	N/A	\$ 12,963	\$ (185,263)	\$ (172,300)	\$ 8,983,491
6	GSM	3,258,910,271	\$ 60,722,388	(18)	(2,049,984)	(8,640)	(143,590,758)	(605,022)	0.480¢	\$ 11.856	\$ 3.002	\$ (38,338)	\$ (2,505,512)	\$ (2,543,850)	\$ 58,178,538
7	H	30,913,138	\$ 823,474	0	0	0	(1,362,920)	0	2.546¢	\$ 19.930	N/A	\$ -	\$ (34,700)	\$ (34,700)	\$ 788,774
8	OL	16,867,072	\$ 2,198,210	(8)	(55,392)	0	(741,205)	0	0.000¢	\$ 75.206	N/A	\$ (7,220)	\$ -	\$ (7,220)	\$ 2,190,990
9	BORD	665,426	\$ 21,906	0	0	0	(29,338)	0	2.794¢	\$ 18.402	N/A	\$ -	\$ (820)	\$ (820)	\$ 21,086
10	TOT COM	3,564,940,340	\$ 72,921,769	49	(1,736,676)	(8,640)	(157,097,041)	(605,022)				\$ (32,595)	\$ (2,726,295)	\$ (2,758,890)	\$ 70,162,879
11	GSL	1,091,068,782	\$ 13,754,051	2	5,283,626	21,252	(60,411,286)	(242,986)	0.000¢	\$ 41.290	\$ 3.087	\$ 66,596	\$ (750,098)	\$ (683,502)	\$ 13,070,549
12	GP	2,029,695,166	\$ 11,904,187	1	4,832,608	19,095	(112,106,690)	(442,962)	0.000¢	\$ 292.490	\$ 1.303	\$ 28,391	\$ (577,179)	\$ (548,788)	\$ 11,355,399
13	LP	2,561,760,456	\$ 8,646,466	0	0	0	(141,158,302)	(489,378)	0.000¢	\$ 1,238.620	\$ 0.895	\$ -	\$ (437,993)	\$ (437,993)	\$ 8,208,473
14	QF	0	\$ 25,780	0	0	0	0	0	0.000¢	\$ 86.430	\$ 0.350	\$ -	\$ -	\$ -	\$ 25,780
15	TOT IND	5,682,524,404	\$ 34,330,484	3	10,116,234	40,347	(313,676,278)	(1,175,326)				\$ 94,987	\$ (1,765,270)	\$ (1,670,283)	\$ 32,660,201
16	STLT	38,548,833	\$ 4,354,816	(10)	(511,940)	0	0	0	0.016¢	\$ 481.515	N/A	\$ (57,864)	\$ -	\$ (57,864)	\$ 4,296,952
17	TOTAL PA	13,804,526,572	\$ 295,446,760	784	10,365,342	31,707	(767,362,701)	(1,780,348)				\$ 111,449	\$ (13,360,112)	\$ (13,248,663)	\$ 282,198,097

*Includes billed kW, kVAR, minimum kW, and standby kW

Pennsylvania Electric Company
Summary of Distribution of Revenues
Tariff Pa. PUC No. 80 as Compared to Tariff Pa. PUC No. 81

Line No.	Rate Group (1)	End of Period Customers (2)	Normalized Sales (MWH) (3)	Normalized Demand (KW) (4)	Present Rates					Base Rev Percent Increase (10)	Base Revenue Increase (11)	Proposed Rates					Net Overall Increase (17)
					Normalized Base Revenues (5)	Smart Meter Charges (6)	Subtotal Base Dist. Rev. plus Rider Changes (7)	Other Rider Charges (8)	Total Present Rates (9)			Base Revenues After Increase (12)	Smart Meter Charges (13)	Subtotal Base Dist. Rev. plus Rider Changes (14)	Specific Other Rider Charges (15)	Total Revenue After Increase (16)	
1	RS	479,583	4,117,160	0	\$ 168,575,068	\$ 13,486,439	\$ 182,061,507	\$ 394,065,942	\$ 576,127,449	45.28%	\$ 82,432,504	\$ 264,494,011	\$ -	\$ 264,494,011	\$ 394,065,942	\$ 658,559,953	14.31%
2	RT	21,719	319,304	0	\$ 12,837,836	\$ 610,316	\$ 13,448,152	\$ 30,512,083	\$ 43,960,235	36.07%	\$ 4,851,041	\$ 18,299,193	\$ -	\$ 18,299,193	\$ 30,512,083	\$ 48,811,276	11.04%
3	GSV	683	17,793	0	\$ 635,954	\$ 19,242	\$ 655,196	\$ 1,661,740	\$ 2,316,936	44.13%	\$ 289,110	\$ 944,306	\$ -	\$ 944,306	\$ 1,661,740	\$ 2,606,046	12.48%
4	TOT RES	501,985	4,454,257	0	\$ 182,048,858	\$ 14,115,997	\$ 196,164,855	\$ 426,239,765	\$ 622,404,620	44.64%	\$ 87,572,655	\$ 283,737,510	\$ -	\$ 283,737,510	\$ 426,239,765	\$ 709,977,275	14.07%
5	GSS	51,013	266,217	0	\$ 9,067,767	\$ 1,485,513	\$ 10,553,280	\$ 21,633,358	\$ 32,186,638	58.68%	\$ 6,192,747	\$ 16,746,027	\$ -	\$ 16,746,027	\$ 21,633,358	\$ 38,379,385	19.24%
6	GSM	30,064	3,246,175	13,705,893	\$ 60,586,945	\$ 875,472	\$ 61,462,417	\$ 263,791,321	\$ 325,253,738	26.28%	\$ 16,151,384	\$ 77,613,801	\$ -	\$ 77,613,801	\$ 263,791,321	\$ 341,405,122	4.97%
7	H	152	30,284	0	\$ 807,426	\$ 4,642	\$ 812,068	\$ 2,467,538	\$ 3,279,606	6.52%	\$ 52,951	\$ 865,019	\$ -	\$ 865,019	\$ 2,467,538	\$ 3,332,557	1.61%
8	OL	2,457	16,557	0	\$ 2,751,266	\$ -	\$ 2,751,266	\$ 1,311,706	\$ 4,062,972	28.50%	\$ 784,139	\$ 3,535,405	\$ -	\$ 3,535,405	\$ 1,311,706	\$ 4,847,111	19.30%
9	BORD	15	662	0	\$ 28,631	\$ -	\$ 28,631	\$ 50,410	\$ 79,041	15.54%	\$ 4,449	\$ 33,080	\$ -	\$ 33,080	\$ 50,410	\$ 83,490	5.63%
10	TOT COM	83,701	3,559,895	13,705,893	\$ 73,242,035	\$ 2,365,627	\$ 75,607,662	\$ 289,254,333	\$ 364,861,995	30.67%	\$ 23,185,670	\$ 98,793,332	\$ -	\$ 98,793,332	\$ 289,254,333	\$ 388,047,665	6.35%
11	GSL	401	1,069,912	4,374,570	\$ 13,665,798	\$ 11,537	\$ 13,677,335	\$ 74,233,597	\$ 87,910,932	0.50%	\$ 68,638	\$ 13,745,973	\$ -	\$ 13,745,973	\$ 74,233,597	\$ 87,979,570	0.08%
12	GP	392	2,045,278	8,284,978	\$ 12,065,538	\$ 11,175	\$ 12,076,713	\$ 127,541,922	\$ 139,618,635	52.70%	\$ 6,364,658	\$ 18,441,371	\$ -	\$ 18,441,371	\$ 127,541,922	\$ 145,983,293	4.56%
13	LP	44	2,650,195	8,631,791	\$ 8,539,298	\$ 1,244	\$ 8,540,542	\$ 158,494,171	\$ 167,034,713	28.73%	\$ 2,453,951	\$ 10,994,493	\$ -	\$ 10,994,493	\$ 158,494,171	\$ 169,488,664	1.47%
14	QF	6	0	52,214	\$ 24,498	\$ -	\$ 24,498	\$ -	\$ 24,498	424.14%	\$ 103,906	\$ 128,404	\$ -	\$ 128,404	\$ -	\$ 128,404	424.14%
15	TOT IND	843	5,765,385	21,343,553	\$ 34,295,132	\$ 23,956	\$ 34,319,088	\$ 360,269,690	\$ 394,588,778	26.20%	\$ 8,991,153	\$ 43,310,241	\$ -	\$ 43,310,241	\$ 360,269,690	\$ 403,579,931	2.28%
16	STLT	776	38,623	0	\$ 4,381,003	\$ -	\$ 4,381,003	\$ 3,101,020	\$ 7,482,023	12.94%	\$ 566,939	\$ 4,947,942	\$ -	\$ 4,947,942	\$ 3,101,020	\$ 8,048,962	7.58%
17	TOTAL PA	587,305	13,818,160	35,049,446	\$ 293,967,028	\$ 16,505,580	\$ 310,472,608	\$ 1,078,864,808	\$ 1,389,337,416	38.75%	\$ 120,316,417	\$ 430,789,025	\$ -	\$ 430,789,025	\$ 1,078,864,808	\$ 1,509,653,833	8.66%
18	REDUCTION IN DSS & HPS DEFAULT SERVICE RIDER TO REFLECT LOWER UNCOLLECTIBLE CHARGE									0	0	0	0	0	\$ (524,000)	\$ (524,000)	
19	TOTAL								\$ 1,389,337,416		\$ 120,316,417	\$ 430,789,025	\$ -	\$ 430,789,025	\$ 1,078,340,808	\$ 1,509,129,833	8.62%

*Includes billed kW, minimum kW, and standby kW

**PENNSYLVANIA ELECTRIC COMPANY
DEVELOPMENT OF PROPOSED KVAR CHARGES**

		<u>Penelec</u>
1	<u>Rate of Return</u>	
2	Debt	2.94%
3	Equity	<u>5.48%</u>
4	Subtotal	8.42%
5	Federal and State Income Tax	* 4.16%
6	Depreciation	<u>1.47%</u>
7	Subtotal	14.05%
8	Maintenance	<u>0.0027%</u>
9	Total Carrying Charge	14.0548%
10	Installed Cost of 1200 KVAR Capacitor	\$16.14
11	Capacitor Investment per year	\$ 2.27
12	Capacitor Investment per month	\$ 0.19 per RkVA
13	* Tax Rate Calculation:	
14	Local, State, Federal	
15	Composite Tax	41.435%
16	Tax Rate	3.88%

Time of Use Agreement

Residential Time of Use Customer Class Full Requirements

for

{INSERT EDC HERE}

TIME OF USE AGREEMENT

THIS TIME OF USE AGREEMENT (“Agreement”) is made and entered into as of {Insert Date} (“Effective Date”) by and between the {Insert EDC Name Here} (“Company”), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania and _____ (“TOU Supplier”) a corporation organized and existing under the laws of [State of or Commonwealth of.....]. The Company and the TOU Supplier hereinafter are sometimes referred to collectively as the “Parties,” or individually as a “Party.”

WITNESSETH:

WHEREAS, the Company is an electric public utility engaged, *inter alia*, in providing retail electric service within its service territory located in the Commonwealth of Pennsylvania; and

WHEREAS, the Company’s retail tariff includes a Time-of-Use (“TOU”) Default Service Rider to meet its obligation under Pennsylvania Act 129 of 2008 (“Act 129”) to have at least one Time-Of-Use rate available for residential Customers (“TOU Program”); and

WHEREAS, the Pennsylvania Public Utility Commission (“PaPUC” or “Commission”) has found that it would serve the public interest for the Company to secure licensed Electric Generation Suppliers (“EGS”) to provide residential Time-of-Use Default Service pursuant to the Company’s Time-of-Use Default Service Rider; and

WHEREAS, the Company has sought and received approval from the PaPUC to randomly assign Time-of-Use default service customers to participating EGSs, if they have no preference; and

WHEREAS, the TOU Supplier is licensed by the PaPUC to offer and supply competitive retail electric service in Pennsylvania.

NOW, THEREFORE, in consideration of the mutual covenants and promises set forth below, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto, intending to be legally bound, hereby covenant, promise and agree as follows:

Article 1: Definitions

Any capitalized or abbreviated term not elsewhere defined in this Agreement shall have the definition set forth in this Article.

- 1.1 **Agreement** – This Agreement for the TOU Supplier to provide default service to TOU Customers and Appendices attached hereto.
- 1.2 **Applicable Legal Authorities** – Those federal and Pennsylvania statutes and administrative rules, regulations and Orders that govern the electric utility industry in Pennsylvania, as they may be amended from time to time.
- 1.3 **Business Day** – Any day on which the Company’s corporate offices are open for business.
- 1.4 **Consolidated EDC Billing** – Shall have the meaning set forth in the Company’s Electric Generation Supplier Coordination Tariff as filed with the PaPUC and available on the Company’s website.
- 1.5 **Customer** – Any person or entity who a:) has been provided a smart meter pursuant to the Company’s PaPUC-approved smart meter plan or b:) Customers served under Rate Schedule RT as of 12/31/2014 and have existing Time-of-Use metering installed, and who enters a contractual agreement with the Company to receive retail electric service including, without limitation, all persons or entities with a Company-provided smart meter taking service under a retail tariff that are eligible to receive competitive electricity supply from an EGS or Default Service in accordance with the Applicable Legal Authorities.
- 1.6 **Default Service** – Shall mean Default Service as defined in 52 Pa. Code § 54.182
- 1.7 **Default Service Period** – Shall mean the period beginning June 1, 2015 and ending when the PaPUC approves termination of the TOU Program.
- 1.8 **Electronic Data Interchange or “EDI”** – A standardized format for the electronic transfer of data between different entities.

- 1.9 **Electric Distribution Company or “EDC”** – A public utility providing facilities for the transmission and distribution of electricity to retail Customers in Pennsylvania subject to the jurisdiction of the Commission.
- 1.10 **Electric Generation Supplier or “EGS”** – A person or entity that is certified by the Commission to offer and provide competitive retail electric service to retail Customers located in the Commonwealth of Pennsylvania.
- 1.11 **FERC** – The Federal Energy Regulatory Commission.
- 1.12 **PJM** – PJM Interconnection, LLC
- 1.13 **Rate Schedule(s)** – The Customer rate schedule(s) in the electric service tariff of the Company on file with the Commission as they may be modified from time to time.
- 1.14 **Rate Ready** – Shall have the meaning set forth the Company’s Electric Generation Supplier Coordination Tariff as filed with the PaPUC and available on the Company’s website.
- 1.15 **Residential Class** – Customers on Metropolitan Edison Company Rate Schedules RS and RT and Pennsylvania Electric Company Rate Schedules RS and RT as defined in the electric service tariff of the Company on file with the Commission as they may be modified from time to time.
- 1.16 **Seller** – The TOU Supplier.
- 1.17 **Service Territory** – The service territory in which the Company is authorized to furnish retail electric service in Pennsylvania.
- 1.18 **Supplier Tariff** - The PaPUC-approved Supplier Coordination Tariff for the Company.
- 1.19 **TOU** – Time of Use.
- 1.20 **TOU Customer(s)** – Retail Customers who are provided default service pursuant to the terms of the Company’s Time-Of-Use Default Service Rider in the Company’s Retail Electric Service Tariff as filed with the PaPUC and available on the Company’s website.
- 1.21 **TOU On - Peak Price** – The price, in cents per kWh, set forth in the Company’s Time-Of-Use Default Service Rider and Appendix A.
- 1.22 **TOU Off - Peak Price** – The price, in cents per kWh, set forth in the Company’s Time-Of-Use Default Service Rider and Appendix A.
- 1.23 **TOU Supplier** – An entity that: (i) has accepted the obligations and associated rights to provide Time-of-Use Default Service on behalf of the Company for retail Customers in accordance with the Applicable Legal Authorities; (ii) has entered into this Agreement with the Company as a Party; (iii) is a full member of PJM and registered with PJM as a Load Serving Entity; (iv) is licensed by the PaPUC to offer and supply electric generation services in Pennsylvania; and, (v) is in full compliance with the terms and conditions of the Company’s Electric Generation Supplier Coordination Tariff.

- 1.24 **TOU Supplier Representative** – Any officer, director, employee, consultant, contractor, or other agent or representative of the TOU Supplier having actual or apparent authority to act on behalf of the TOU Supplier in connection with TOU Supplier’s performance under this Agreement. To the extent the TOU Supplier is a division or group of a company, the term “TOU Supplier Representative” excludes any person in that company who is not a part of the TOU Supplier’s division or group and is specifically limited to any person in that company who is a part of the TOU Supplier’s division or group.

Article 2 General Terms and Conditions

2.1 Term

This Agreement shall be effective upon execution by the Parties with the approval by the PaPUC. This Agreement may be terminated by the existence of any of the following conditions: (1) if the TOU default service is terminated by governmental action before the end of the Default Service Period; (2) if the TOU Supplier is no longer a certified EGS; (3) if either Party is in material breach of this Agreement or the Supplier Tariff; or, (4) pursuant to Article 3 of this Agreement.

2.2 Modifications to Time Of Use Agreement

This Agreement may be modified from time to time to: 1) reflect changes in the Company’s Time-of-Use default service rate; or 2) with the approval of the PaPUC.

2.3 Supplier Tariff

Except as otherwise stated herein, all terms and conditions of the Company’s Supplier Tariff, as modified from time to time with the approval of the PaPUC, are incorporated herein by reference, are in full force and effect, and are binding upon the parties for the duration of this Agreement.

2.4 Company Obligations and Authority

The Company shall:

(a) Have a Time-of-Use Default Service Rider that has been approved by the PaPUC effective June 1, 2015;

(b) Bill TOU Customers on behalf of the TOU Supplier under Rate Ready Consolidated EDC Billing utilizing the summer On-Peak and Off-Peak rates, and the non-summer rates calculated as specified in quarterly adjusted Appendix A;

(c) Notify Customers pursuant to the Company's PaPUC-approved smart meter plan of the availability of the Time-of-Use Default Service Rider as required by Commission regulations;

(d) Record the Customer's intent to participate and then transmit the Customer's name, address, and account number to a TOU Supplier of their choice or, if the customer has no preference, on a rotating basis via a secure website post or secure electronic data transfer;

(e) Assign Customer accounts to Seller of their choice or, if the customer has no preference, on a rotating basis, with the requisite Customer consent, consistent with the Supplier Tariff;

(f) Refer Customers that, during the Default Service Period, express an interest in Time-of-Use rates to the TOU Supplier of their choice or, if the customer has no preference, on a rotating basis designed to result in each of the participating TOU Suppliers receiving roughly the same number of TOU Customers for enrollment during a given month;

(g) Provide standard enrollment confirmation letters to TOU Customers;

- (h) Notify TOU Supplier a minimum of 15 days prior to the date of a change in the TOU default service rate;
- (i) Serve TOU Supplier with any filings at the PaPUC made by the Company that would modify the TOU default service rate, the Agreement, or the TOU Program;
- (j) Provide monthly On-Peak and Off-Peak usage, based on actual or estimated monthly meter readings to the TOU Supplier for customers that chose or have been assigned to TOU Supplier; and
- (k) Provide a TOU load profile for TOU Customers per Section 6 of the Company's Supplier Tariff, for use in estimating customer consumption for settlements as defined in Section 8 of the Company's Supplier Tariff, until such time that the Company has completed smart meter infrastructure deployment and the PaPUC has approved modifications to this Agreement and the Supplier Tariff that allow TOU Customers to be settled on an individual basis.

2.5 Obligations of the TOU Supplier

The TOU Supplier shall:

- (a) Provide Competitive Energy Supply (as defined in the Supplier Tariff) to TOU Customers, consistent with the Company's Time-of-Use Default Service Rider, under the terms and conditions of service set forth in Appendix B ("TOU Supply");
- (b) Meet all of the obligations and requirements of a PaPUC licensed EGS under the then-current Supplier Tariff;
- (c) Cooperate with the Company in any regulatory compliance efforts that may be required to maintain the ongoing validity and enforceability of the terms of this

Agreement and the Time-of-Use Default Service Rider in the Company's retail electric service tariff, and fulfill any regulatory reporting requirement associated with the provision of TOU Supply before the PaPUC, FERC or any other regulatory body asserting jurisdiction;

(d) Utilize EDC Rate Ready Consolidated Billing to bill TOU Customers the TOU rates calculated as set forth in Appendix A and in the Company's Time-of-Use Default Service Rider;

(e) Submit the quarterly adjusted rates through the EDI protocol;

(f) Process TOU Customer enrollments, adhere to the Company's meter reading schedule, comply with the switching rules in the Supplier Tariff, mail contracts to TOU Customers providing standard terms and conditions of service as set forth in Appendix B, and maintain copies of contracts with TOU customers; and

(g) The TOU Supplier shall not drop service to an individual TOU Customer that chose or has been assigned to the TOU Supplier for TOU default service, except as requested by the TOU Customer or as provided for in Article 3.

2.6 No Guarantee of TOU Customers

Both Parties acknowledge that the Company's Time-of-Use Default Service Rider is only available to Customers in the Company's Service Territory that are in the Residential Class, that have smart metering installed in accordance with the terms of the Company's Smart Meter Technology Procurement and Installation Plan, or were served on the Companies' Rate Schedule RT as of December 31, 2014 and therefore have Time-of-Use metering installed and that affirmatively elect TOU default service during the

Default Service Period. The Company makes no guarantee or representation as to: (1) the number of residential Customers, if any, that will have smart metering installed during the term of this Agreement; (2) the number of residential Customers, if any, with smart metering installed that may enroll for service under the Time-of-Use Default Service Rider during the Default Service Period; or (3) the number of existing RT Customers as of 12/31/2014 that may enroll for service under the Time-of-Use Default Service Rider during the Default Service Period.

2.7 Fees, Penalties, and Exceptions

TOU Customers will be billed in accordance with the rates, terms and conditions of the Time-of-Use Default Service Rider in the Company's retail electric service tariff. TOU Suppliers will be paid by the Company pursuant to rates calculated in accordance with Appendix A and the terms and conditions of the Supplier Tariff. TOU Supplier will not impose any additional penalties or fees on TOU Customers other than those included in the Company's Time-of-Use Default Service Rider or Appendix B to this Agreement.

2.8 Obligation to Accept Additional Customers

The TOU Supplier will accept all referred Customers into the TOU default service who are transferred from the Company to the TOU Supplier and request enrollment during the Default Service Period.

2.9 Guaranteed Power Supply to TOU Customers for the Default Service Period

All TOU Customers enrolled in the TOU default service shall receive power at the rates calculated as set forth in Appendix A, from the TOU Customer's initial meter read date during the Default Service Period.

2.10 Default Service Period Conclusion

Upon conclusion of the Default Service Period, an enrolled TOU Customer will not automatically revert to Default Service. The TOU Supplier must inform Customers of their right to select another EGS or return to Default Service prior to the conclusion of the service period, in accordance with the notice requirements of 52 Pa. Code § 54.5(g)(1). The TOU Supplier will retain the TOU Customer unless the Customer elects a different EGS or Default Service. If the TOU Supplier retains the TOU Customer, the TOU Supplier may establish new TOU prices, without Commission approval of those prices, in the same manner as any other EGS rates.

2.11 Enrollment Procedures and Policies

TOU Customers can enroll or switch to an EGS, including an alternative offer from the TOU Supplier, at any time during the Default Service Period without restriction or penalty.

2.12 Service Inquiries and Notices to TOU Customers

TOU Customers may direct inquiries regarding this Agreement, and any power supply or billing questions regarding the Time-of-Use Default Service Rider, to the Company, at the phone number which shall be provided in all TOU default service communications with TOU Customers.

Article 3 Early Termination of Agreement

The TOU Supplier wishing to withdraw from providing TOU default service is required to do so in compliance with the procedures included in Section 13 of the Company's Supplier Tariff. The TOU Supplier may only terminate its Consumer

Contract and Disclosure Statement with TOU Customers in accordance with the terms and conditions in the form of Consumer Contract and Disclosure Statement set forth in Appendix B.

Article 4 Energy Efficiency and Conservation Programs

TOU Supplier acknowledges that TOU Customers may participate in energy efficiency and conservation programs offered by the Company (as required by Applicable Legal Authorities or otherwise), by PJM, or by other third parties, and that such participation may reduce or change the amount of TOU Supply that TOU Supplier is required to provide and, therefore, the amount of money it may receive under this Agreement. TOU Supply does not include the load which TOU Supplier may have served in the absence of such programs, and the Company shall have no obligation whatsoever to TOU Supplier with respect to the effect, if any, of such programs. TOU Supplier is solely responsible for determining the effect, if any, of such programs on future load requirements.

Article 5 Entire Agreement

This Agreement and Appendices constitute the entire Agreement and understanding between the Parties with respect to the services that are to be provided hereunder. All prior written and verbal agreements and representations, if any, with respect to these services are merged into and superseded by this Agreement. No revisions or modifications to this Agreement will be valid, unless written and executed by all Parties and approved by the PaPUC.

Article 6 Authorization

Each Party to this Agreement represents and warrants that it has full and complete authority to enter into and perform this Agreement. This includes the Company's warranty that it has the authority to enter into the Agreement and is not bound to any special contract or other commitment which will prevent the Company from discharging its obligations under this Agreement as of the commencement date. Each person who executes this Agreement on behalf of either Party represents and warrants that he or she has full and complete authority to do so and that such Party will be bound by the Agreement.

Article 7 Jurisdiction

Any and all matters of dispute between the Parties, whenever arising, shall be governed, construed and enforced in accordance with the laws of the Commonwealth of Pennsylvania regardless of the theory upon which such matter is asserted.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives to be effective as of the day and year first written above.

ATTEST:

{INSERT EDC NAME HERE}

By: _____ By: _____

Name: [Insert Name]
Title: [Insert Title]

Name: [Insert Name]
Title: [Insert Title]

APPENDIX A

TIME OF USE PRICING

For service rendered xx/xx/xx to xx/xx/xx*

Summer Months (June – August)

TOU ON-PEAK Price EDC's Residential PTC_{Default} **X** x.xx
(Met-Ed 1.28/ West Penn Power 1.28)

TOU OFF-PEAK Price EDC's Residential PTC_{Default} **X** x.xx
(Met-Ed 0.82/ Penelec 0.82)

Non-Summer Months (September – May)

TOU ON-PEAK Price EDC's Residential PTC_{Default}

TOU OFF-PEAK Price EDC's Residential PTC_{Default}

* The EDC Consolidated Rate Ready Billing percentage off program used to bill the Time-of-Use Default Service Rider will first determine total customer Default Service revenue by taking the Price-To-Compare Default Service rate times the monthly On-Peak and Off-Peak kilowatt hours (“kWhs”). The revenue so determined will then be multiplied by the TOU Factors. The average rate will be calculated by dividing the kWh. As a result of rounding, the exact price per kWh will vary from the price per kWh shown above.

APPENDIX B

TIME OF USE AGREEMENT

**{INSERT EGS NAME HERE} CONSUMER CONTRACT AND
DISCLOSURE STATEMENT OF
TERMS OF PENNSYLVANIA RESIDENTIAL ELECTRIC GENERATION
SERVICE
LICENSE NUMBER {Insert EGS License Number here}**

Purchase of Power and Energy Service

(“{INSERT EGS Name HERE}”) agrees to sell, and you agree to buy, your full requirements for Time-of-Use (“TOU”) default service for residential electric generation service at the price and on the terms and conditions specified in this Consumer Contract and Disclosure Statement (the “Contract”). Price and other terms of this Contract are subject to change as provided below. {INSERT EGS Name HERE} reserves the right to revoke its electricity offer for any reason at any time prior to your acceptance of this Contract. Throughout this Contract, the words “you” and “your” refer to the Customer who has signed this Contract. The words “we”, “us” and “our” refer to {INSERT EGS Name HERE}. {INSERT EGS Name HERE} represents and warrants that it is an independent seller of electric generation service licensed by the Pennsylvania Public Utility Commission (“PaPUC”) and is representing or acting on behalf of the Electric Distribution Company (“EDC”) responsible for the service territory where you reside, e.g., West Penn Power Company or Pennsylvania Power Company (each referred to as the “Electric Distribution Company” or “EDC”). {Insert EGS Name Here} is not representing or acting on behalf of any governmental bodies, or consumer groups. You will receive written notification from the EDC confirming a pending switch of your electric generation supply.

Term

The term will begin on the starting date that is the next meter read date after the EDC processes your enrollment (the “Starting Date”). Your switch to {INSERT EGS Name HERE} will commence with the next available meter reading following the Right of Rescission Period. You have the right at anytime to terminate this service. The term will continue month to month ending with customer notice, termination or modification of the Time-Of-Use Default Service Rider by the PaPUC.

Guarantee Period

You may terminate this Contract without incurring an early termination fee at any time by selecting another Electric Generation Service Provider or returning to Default Service with the EDC. To do so, you must also notify us in writing or by calling our customer care center at {insert EGS 800 number here}. Upon your termination of this Contract, we will transfer your residential or small commercial electric generation service to be supplied by the EGS of your choice or your EDC at your next available meter read date and you will remain responsible for payment for electricity and related costs and charges incurred under this Contract through such meter read date.

Variable Pricing

By choosing the TOU default service, your price for electric generation service during the summer months of service rendered June 1 – August 31 will be the EDC's Residential $PTC_{Default}$ multiplied by x.xx (Met-Ed 1.28/Penelec 128) for On-Peak Hours and the EDC's Residential $PTC_{Default}$ multiplied by x.xx (Met-Ed 0.82/Penelec 0.82) for Off-Peak Hours. Your price for non-summer month On-Peak and Off-Peak Hours will be the EDC's Residential $PTC_{Default}$. This variable price includes generation charges (as defined below), market based transmission charges (defined below) and all Independent System Operator charges (defined below) and gross receipt taxes. This variable price does not include distribution charges (as defined below) or other EDC charges including non-market based transmission charges (which will be invoiced by the EDC), applicable state or local sales or other taxes, nor any other governmental taxes or assessments, all of which will be passed through and invoiced to you in addition to the variable price. The Price-to-Compare kWhs rate may vary from the define equation above due to rounding.

Key Pricing Definitions

“Distribution charges” are part of the basic service charges on every Customer's bill for the physical delivery of electricity from the EDC to your home. The PaPUC regulates distribution prices and services. This charge will vary according to how much electricity you use.

“Generation charges” are charges that represent the cost of producing the electricity and are specific to this Contract. Generation prices and charges are set by the electric generation supplier you have chosen, which is {INSERT EGS Name HERE}. This charge will vary according to how much electricity you use.

“Independent System Operator charges” are charges for services necessary to support the transmission of electric power from seller to purchaser given the obligations of control areas and transmitting utilities within those control areas to maintain reliable operations of the interconnected transmission system

“Market Based Transmission & Ancillary Service charges” are charges that represent the market based costs of transporting electricity from the source of supply to the EDC. This

charge will vary with your source of supply. The Federal Energy Regulatory Commission regulates transmission prices and services.

“Non-Market Based Transmission Charges” are part of the basic service charges on every Customer’s bill for delivering electricity from the EDC to your home. These services include Non Market Based Charges which consist of Regional Transmission Expansion Plan Costs (“RTEP”) charges billed under Schedule 6 of the PJM Operating Agreement, and PJM Expansion costs billed under Schedule 12 and 13 of the PJM Open Access Transmission Tariff. RTEPs and PJM Expansion Costs are billed by the Independent System Operator, and will be included on your bill from the EDC.

“Non-Summer Months” are the months of September through May.

“On-Peak Hours” are the hours from 8:00 a.m. to 8:00 p.m. weekdays.

“Off-Peak Hours” are the hours from 8:00 p.m. to 8:00 a.m. weekdays and all hours during weekends and recognized holidays observed for New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

“Price-to-Compare” is a quarterly adjusted rate, in cents per kWh, representing the Company’s costs to provide Default Service to a Customer.

“PTC” See “Price-to-Compare” (defined above).

“PTC_{Default}” See “Price-to-Compare” (defined above).

“Summer Months” are the months of June through August.

Other Pricing Terms

The price charged for electric generation and market based transmission service under this Contract is reflective of competitive market conditions, was not set or approved by the PaPUC and does not include any applicable taxes (other than gross receipts taxes) or local distribution company fees or charges, which will be charged by the EDC. Based on the information provided by you during your signup, this address is your personal residence, vacation home or residential rental property or you are the parent or guardian for the person residing here, and you are paying the EDC bill. Accordingly, under current applicable laws, we are not required to assess sales taxes on our charges under this Contract. There is no charge for entering into this Contract or for terminating this Contract at the end of the then applicable Contract term as provided in the “Term” and “Guarantee Period” sections.

Right of Rescission

You may cancel this Contract at any time before midnight of the third business day after receiving this disclosure by either notifying us in writing at the address provided below or

by phone by calling us at {insert EGS 800 number here} that you would like to rescind this Contract.

Price Comparison

Because the EDC's tariff rates and other factors relevant to the EDC's current Residential Price-To- Compare shall change, {INSERT EGS Name HERE} cannot guarantee savings over the EDC's standard Default Service rates for the entire term of this Contract and any savings are limited to a comparison against the EDC's Residential Price-To- Compare applicable at the time you enter into this Contract, and your ability to shift load from On-Peak to Off-Peak periods.

Net Metering

If you currently own or plan to install during the term of this Contract solar, wind, or other eligible renewable electrical generating facilities in order to supply all or part of your electricity usage and such generating facility is or will be net metered by the EDC you must notify us in order for us to determine your eligibility and to properly enroll or continue to serve you.

Initiation of Service

THE PURPOSE OF THIS DOCUMENT IS TO AUTHORIZE {INSERT EGS NAME HERE} TO CHANGE YOUR ELECTRIC GENERATION SERVICE SUPPLIER AND, BY ENTERING INTO THIS CONTRACT, YOU AUTHORIZE {INSERT EGS Name HERE} TO UNDERTAKE WHATEVER STEPS NECESSARY TO ACCOMPLISH YOUR SWITCH. {INSERT EGS Name HERE} will begin providing electric generation service to you on the next applicable meter read date after the EGS processes your enrollment and your service will continue throughout the term of this Contract. The EDC will notify you of the date on which your electric generation service from {INSERT EGS Name HERE} will begin. {INSERT EGS Name HERE}'s electric generation service will be delivered to your residence using the EDC's electricity distribution wires. You represent and warrant that the electricity supply being purchased under this Contract is to be used solely for residential purposes. {INSERT EGS Name HERE}'s obligations under this Contract are conditioned on you providing complete and accurate information and on you remaining a EDC distribution Customer throughout the term under the applicable residential electric rate class.

Billing and Payment

The cost of your electric generation service will be included on your bill from the EDC, and is due and payable when your EDC bill is due at the billing address provided in your

EDC bill. You acknowledge that the EDC may provide us with your billing and payment information. You will be invoiced for {INSERT EGS Name HERE}'s charges under this Contract at the applicable price set forth in the "**Variable Pricing**" section above multiplied by your electricity usage as measured by the EDC in kWh during the applicable billing period. You agree to accept the measurements as determined by the EDC for purposes of accounting for the amount of power and energy services provided by us under this Contract. If the EDC is unable to read your meter, the EDC will estimate your usage and your charges will be calculated accordingly and adjusted on a future bill. Supplying you under this Contract is conditioned on the EDC accepting our enrollment of your account and your continued eligibility for consolidated billing by the EDC. If you are not eligible for consolidated billing, you need to remedy that restriction with the EDC before we can serve you. Should the EDC cease providing consolidated billing for your account and/or commence billing us for any charges relating to you, we will bill you and you will pay us for all such charges. You will be billed additional charges, including taxes and charges to distribute the electricity to your home, from the EDC consistent with its filed tariffs. You are responsible for paying any new or increased taxes, fees or other charges imposed on us or you in connection with our supply of electricity to you during the term of this Contract. {INSERT EGS Name HERE} reserves the right to change billing methods, upon the completion of the term of this Contract. If we change our billing methods, we will send you two (2) advance written notices either in your bills or in separate mailing before the effective date of any such change.

Equal Payment Plan

The EDC is offering an Equal Payment Plan for our electric generation service charges. You may elect the Equal Payment Plan at any time by contacting the EDC's customer service department as long as you are not past due on your payments and are eligible for EDC consolidated billing. The Equal Payment Plan is calculated by estimating your Delivery Service Charges and electric generation service charges for a twelve (12) month period. A payment of approximately one-twelfth (1/12) of such estimate shall be rendered monthly by the EDC, subject to a monthly historical review by the EDC which may result in a change in the equal payment monthly amount to be paid by the Customer. The EDC will true up your account based on your actual charges upon termination of service or if you wish to discontinue Equal Payment Plan. For more information or to sign up for the Equal Payment Plan, contact the EDC customer service center at the number shown below.

Late or Insufficient Payment

When the EDC issues you a consolidated bill, all invoiced balances under this Contract that are not paid in full by the due date will be subject to the EDC's late payment policies and procedures, including imposition of late fees, interest and other charges as described in the EDC's filed tariff(s) pursuant to the terms of the Company's Time-of-Use Default Service Rider. In addition, the EDC will have the ability to terminate service to a Customer for the Customer's non-payment of either EGS Basic Electric Supply charges or EDC charges.

Credit

In the event that the EDC does not continue to purchase the right to receive your payments during the term of this contract, {INSERT EGS Name HERE} reserves the right to determine if your credit standing is satisfactory for originating or continuing electric generation service under this Contract. Consistent with applicable law, {INSERT EGS Name HERE} uses uniform income, deposit and credit requirements in determining whether to offer service to our Customers. You hereby authorize {INSERT EGS Name HERE} to perform a credit check on you if the EDC does not continue to purchase the right to receive your payments.

Termination

{INSERT EGS Name HERE} may terminate this Contract if:

- You move within or outside of the EDC's service territory or you fail to remain an EDC distribution Customer throughout the term under the applicable residential electric rate class;
- You fail to be eligible for EDC consolidated billing throughout the term;
- You rescind your authorization for release of information provided in the "**Information Release Authorization**" section below; or,
- You provide any false, inaccurate or misleading information to {INSERT EGS Name HERE} or the EDC.

YOU MAY TERMINATE THIS CONTRACT PRIOR TO THE END OF THE APPLICABLE TERM FOR YOUR CONVENIENCE BY GIVING US NOT LESS THAN 30 DAYS' PRIOR WRITTEN NOTICE.

Upon any termination of this Contract, you will need to select another service offered by this EGS, select another electric generation supplier or return to the EDC's standard Default Service. The effective date of any termination will be the next applicable meter read date after expiration of the required notice period. Upon any termination, you will remain responsible for all obligations, including payment for electricity and related costs and charges incurred under this Contract prior to the effective date of termination. The delivery of electricity to you cannot be terminated or interrupted by the EDC as a result of any dispute between {INSERT EGS Name HERE} and you but may be terminated by the EDC for nonpayment of EDC charges in accordance with applicable law. The EDC will continue to respond to any service calls and emergencies and switching to {INSERT EGS Name HERE} will not impact your electric service reliability. Because the EDC purchases the right to receive your payments under this Contract, your payment obligations under this Contract are EDC charges for purposes of termination of service.

Assignment, Address Change

{INSERT EGS Name HERE} may assign, subcontract or delegate all or any part of our rights and/or obligations under this Contract, including your payment obligations under this Contract, without notice or your consent in accordance with the rules and regulations of the PaPUC. You may not assign any of your rights or obligations under this Contract without our prior written consent. If you move, you may terminate our Contract. You will be responsible for paying for all electricity supplied to your old address until the date this Contract is terminated in accordance with its terms. If you move within the EDC's service territory, you must contact the EDC at the number provided in the "**Contact Information**" section below in order to obtain new account and meter numbers for your new residence. Please contact us if you would like us to serve you again at your new location.

Change in Terms

This Contract may be revised at any time by {INSERT EGS Name HERE} upon the Commission's approved modifications to TOU default service. Whenever changes to the terms of service in this Contract are proposed, you will receive two written notifications from us in corresponding separate mailings that precede either the expiration date or the effective date of the proposed changes. We will explain your options to you in these two advance notifications. The first of these notices will occur between 52 and 90 days prior to the expiration date of the Contract or the effective date of the proposed Contract change; the second of these notices will occur at least 45 days prior to the Contract's expiration or the effective date of the proposed Contract change. You will have an opportunity to terminate this Contract without any further obligation by notifying us in writing within 30 days after the date of the second notice of the new terms and conditions, in which case your electric generation service will terminate effective as of the next meter read date after expiration of the required notice period. You will remain responsible for any unpaid balance as of the termination date.

Information Release Authorization

Throughout the term, you authorize {INSERT EGS Name HERE} to obtain information from the EDC that includes, but is not limited to, account name, account number, billing address, service address, telephone number, standard offer service type, historical and future electricity usage, rate classification, meter readings, characteristics of electricity service and, when charges hereunder are included on your EDC bill, billing and payment information from the EDC. You authorize {INSERT EGS Name HERE} to release such information to third parties that need to know such information in connection with your power and energy service and to {INSERT EGS Name HERE}'s affiliates and subcontractors. These authorizations will remain in effect as long as this Contract is in effect. You may rescind these authorizations at any time by either calling or providing written notice to us. We reserve the right to the extent permitted by law to reject your enrollment or terminate this Contract in the event these authorizations are rescinded.

Dispute Resolution

If you have a billing or other dispute involving our service, please contact us at {Insert EGS 800 number here}. You must still pay your bill in full, but may deduct the specific amount in dispute while the charges remain in dispute. You may call the PaPUC if you are not satisfied after discussing the terms with us at 1-888-PUC-FACT or 1-800-782-1100 from 8:00 am to 5:00 pm weekdays or in writing at P.O. Box 3265, Harrisburg, PA 17105-3265.

Limitation of Liability; Jury Trial Waiver

You agree that neither {INSERT EGS Name HERE} nor any of its affiliates or subcontractors will be liable for any damages or claims for matters within the control of the EDC or the ISO controlled electricity grid, which include maintenance of electric lines and systems, service interruptions, loss or termination of service, deterioration of electric services, meter readings or injury to persons or damage to property caused by the delivery or supply of electricity. Neither {INSERT EGS Name HERE} nor any of its affiliates or subcontractors will be responsible for any failure to commence or terminate power and energy service on the date specified herein due to any failure or delay in enrolling you with the EDC. {INSERT EGS Name HERE}'s liability will be limited to direct actual damages only, which will not exceed the amount of your single largest monthly invoice during the preceding 2 years. In no event will {INSERT EGS Name HERE} or any of its affiliates or subcontractors be liable for any punitive, incidental, consequential, exemplary, indirect, third-party claims or other damages whether based on contract, warranty, tort, negligence, strict liability or otherwise, or for lost profits arising from any breach or nonperformance of this Contract. **BOTH YOU AND {INSERT EGS NAME HERE} AGREE IRREVOCABLY AND UNCONDITIONALLY TO WAIVE ANY RIGHT TO A TRIAL BY JURY OR TO INITIATE OR BECOME A PARTY TO ANY CLASS ACTION CLAIMS IN RESPECT OF ANY ACTION, SUIT OR PROCEEDING DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS CONTRACT OR THE TRANSACTIONS CONTEMPLATED BY THIS CONTRACT.**

Force Majeure

We do not transmit or deliver electricity and causes and events out of our reasonable control ("Force Majeure Events") may result in interruptions in service. We will not be liable for any such interruptions or any other failure to perform under this Contract caused by a Force Majeure Event. We are not and will not be liable for damages caused by Force Majeure Events, including but not limited to acts of God; acts of any governmental authority; accidents; strikes; labor disputes; required maintenance work; inability to access the EDC's system; nonperformance by the EDC, including, but not limited to, a facility outage on its distribution lines; changes in laws, rules or regulations of any governmental authority; or any cause beyond our reasonable control.

Miscellaneous

Except with respect to {INSERT EGS Name HERE}'s affiliates and subcontractors under the “**Limitation of Liability; Jury Trial Waiver**” section, there are no third party beneficiaries of this Contract. Any payments due under this Contract, and all provisions relating to the payment and collection thereof, and the provisions contained in the “**Limitation of Liability; Jury Trial Waiver**” section above, will survive expiration or termination for any reason. This Contract constitutes the entire agreement between you and {INSERT EGS Name HERE}. No statement, promise or inducement made by either party not contained in this Contract will be valid or binding. Any reference to days or periods will mean calendar days.

Contact Information

{INSERT EGS Name HERE} RESIDENTIAL LICENSE NUMBER IS {Insert EGS license number here}

Should you have any questions about your {INSERT EGS Name HERE} contract or {INSERT EGS Name HERE} charges on your invoice, please contact us between the hours of 8:00 a.m. and 8:00 p.m. eastern time on weekdays, except holidays. Our toll-free number is {INSERT EGS 800 number HERE}. We can be reached by email at: {INSERT EGS WEB-SITE HERE} or by mail at: {INSERT EGS Mailing ADDRESS here}. Please contact us at this address to provide all notices under this Contract and contact us at this address or phone number to resolve any disputes regarding this Contract. For emergencies relating to your service, such as a power outage, or for information about universal service programs, please call your EDC at the following number:

Metropolitan Edison Company at 1-800-545-7441,
or Pennsylvania Electric Company at 1-800-545-7441

The Pennsylvania Utility Commission can be reached by mail
at P.O. Box 3265, Harrisburg, PA 171053265,
or by phone at 18006927380
and their website address is
<http://www.puc.state.pa.us/>. You may contact the PUC if after discussing with us you are not satisfied with these terms and conditions.

Pennsylvania Electric Company
Rate RS - Residential Service
Revenue Effects of Proposed Rates - FTY 4/30/16

Line No.		Tariff 80, Supplement No. 43			Tariff 81		
		Current Rate (1)	Billing Units (2)	Billed Revenue (3)	Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	<u>DISTRIBUTION CHARGES</u>						
	<u>CUSTOMER CHARGE</u>						
1	RS	\$7.98	5,754,996	\$45,924,871	\$ 11.92	5,754,996	\$68,599,552
2	<u>DEMAND CHARGES</u>				\$2.00	-	\$0
	<u>ENERGY CHARGES</u>						
3	All KWH	\$0.02979	4,117,159,711	<u>\$122,650,197</u>	\$0.04758	4,117,159,711	<u>\$195,894,459</u>
4	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$168,575,068			\$264,494,011
5	Smart Meter Technologies Charge (Per Bill)	\$2.34	5,754,996	<u>\$13,486,439</u>	\$0.00	5,754,996	<u>\$0</u>
6	<u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u>			\$182,061,507			\$264,494,011
	<u>RIDER CHARGES</u>						
7	NUG	(\$0.00192)	4,117,159,711	\$8,588,596	(\$0.00192)	4,117,159,711	\$8,588,596
8	Consumer Education	\$0.00007	4,117,159,711	\$0	\$0.00007	4,117,159,711	\$0
9	Energy Efficiency and Conservation Charge	\$0.00043	4,117,159,711	\$0	\$0.00043	4,117,159,711	\$0
10	Default Service Support Charge	\$0.00248	4,117,159,711	\$10,278,945	\$0.00248	4,117,159,711	\$10,278,945
11	Universal Service Charge	\$0.00629	4,117,159,711	\$26,049,382	\$0.00629	4,117,159,711	\$26,049,382
12	Solar Photovoltaic Requirements Charge	\$0.00027	4,117,159,711	\$1,118,177	\$0.00027	4,117,159,711	\$1,118,177
13	Phase II Energy Efficiency and Conservation Charge	\$0.00370	4,117,159,711	\$15,323,166	\$0.00370	4,117,159,711	\$15,323,166
14	PTC*	\$0.08081	4,117,159,711	\$332,707,676	\$0.08081	4,117,159,711	\$332,707,676
15	STAS	-0.39%		\$0	0.00%		\$0
16	Total Energy and Revenue		4,117,159,711	\$576,127,449		4,117,159,711	\$658,559,953
17	Avg rate per kWh			\$0.13993			\$0.15995
18	Proposed Increase						\$82,432,504
19	Percent Increase						14.31%

**Pennsylvania Electric Company
 Rate RT - Residential Service Time of Day
 Revenue Effects of Proposed Rates - FTY 4/30/16**

	Tariff 80, Supplement No. 43			Tariff 81		
	<u>Current Rate</u> (1)	<u>Billing Units</u> (2)	<u>Billed Revenue</u> (3)	<u>Proposed Rate</u> (4)	<u>Billing Units</u> (5)	<u>Proposed Revenue</u> (6)=(4)x(5)
<u>DISTRIBUTION CHARGES</u>						
<u>CUSTOMER CHARGE</u>						
RT (to RS)	\$11.24	260,407	\$2,926,975	\$ 11.92	260,628	\$3,106,686
RT: Solar WH	\$9.61	221	\$2,124			
All Customer Charges		260,628	\$2,929,099			
<u>DEMAND CHARGES</u>						
<u>ENERGY CHARGES</u>						
On Peak kWh	\$0.06887	108,637,320	\$7,481,851			
Off Peak kWh	\$0.01152	210,667,156	\$2,426,886			
All kWh (to RS)		319,304,476	\$9,908,737	\$ 0.04758	319,304,476	\$15,192,507
<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$ 12,837,836			\$ 18,299,193
Smart Meter Technologies Charge (Per Bill)	\$2.34	260,628	\$610,316	\$0.00	260,628	\$0
<u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u>			\$ 13,448,152			\$ 18,299,193
<u>RIDER CHARGES</u>						
NUG	(\$0.00192)	319,304,476	\$654,456	(\$0.00192)	319,304,476	\$654,456
Consumer Education	\$0.00007	319,304,476	\$0	\$0.00007	319,304,476	\$0
Energy Efficiency and Conservation Charge	\$0.00043	319,304,476	\$0	\$0.00043	319,304,476	\$0
Default Service Support Charge	\$0.00236	319,304,476	\$759,280	\$0.00236	319,304,476	\$759,280
Universal Service Charge	\$0.00629	319,304,476	\$2,020,250	\$0.00629	319,304,476	\$2,020,250
Solar Photovoltaic Requirements Charge	\$0.00027	319,304,476	\$86,720	\$0.00027	319,304,476	\$86,720
Phase II Energy Efficiency and Conservation Charge	\$0.00370	319,304,476	\$1,188,382	\$0.00370	319,304,476	\$1,188,382
PTC*	\$0.08081	319,304,476	\$25,802,995	\$0.08081	319,304,476	\$25,802,995
STAS	-0.39%		\$0	0.00%		\$0
Total Energy and Revenue		319,304,476	\$ 43,960,235		319,304,476	\$ 48,811,276
Avg rate per kWh			\$0.13767			\$0.15287
Proposed Increase						\$4,851,041
Percent Increase						11.04%

Pennsylvania Electric Company
Rate GS - Volunteer Fire Company and Non-Profit Ambulance Service, Rescue Squad and Senior Center Service Rate
Revenue Effects of Proposed Rates - FTY 4/30/16

Line No.	Tariff 80, Supplement No. 43			Tariff 81			
	Current Rate	Billing Units	Billed Revenue	Proposed Rate	Billing Units	Proposed Revenue	
	(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)	
<u>DISTRIBUTION CHARGES</u>							
<u>CUSTOMER CHARGES</u>							
1	Time of Day Option	\$11.24	2,681	\$30,134			
2	Non-Time of Day Option	\$7.98	5,515	\$44,010			
3	All Customer Charges		8,196	\$74,144	\$ 11.92	8,196	\$97,696
4	<u>DEMAND CHARGES</u>						
<u>ENERGY CHARGES</u>							
5	Non-Time of Day Option kWh	\$0.02979	9,125,762	\$271,857			
6	On Peak Energy Charge RT	\$0.06887	3,314,770	\$228,288			
7	Off Peak Energy Charge RT	\$0.01152	5,352,862	\$61,665			
8	All kWh		17,793,394	\$561,810	\$0.04758	17,793,394	\$846,610
9	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$635,954			\$944,306
10	Smart Meter Technologies Charge (Per Bill)	\$2.35	8,196	\$19,242	\$0.00	8,196	\$0
11	<u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u>			\$655,196			\$944,306
<u>RIDER CHARGES</u>							
12	NUG	(\$0.00417)	17,793,394	\$36,525	(\$0.00417)	17,793,394	\$36,525
13	Consumer Education	\$0.00007	17,793,394	\$0	\$0.00007	17,793,394	\$0
14	Energy Efficiency and Conservation Charge	\$0.00047	17,793,394	\$0	\$0.00047	17,793,394	\$0
15	RS - Default Service Support Charge	\$0.00248	9,125,762	\$22,834	\$0.00248	9,125,762	\$22,834
16	RT - Default Service Support Charge	\$0.00236	8,667,632	\$20,693	\$0.00236	8,667,632	\$20,693
17	Universal Service Charge	\$0.00629	17,793,394	\$112,925	\$0.00629	17,793,394	\$112,925
18	Solar Photovoltaic Requirements Charge	\$0.00027	17,793,394	\$4,847	\$0.00027	17,793,394	\$4,847
19	Phase II Energy Efficiency and Conservation Charge	\$0.00145	17,793,394	\$26,032	\$0.00145	17,793,394	\$26,032
20	PTC*	\$0.08081	17,793,394	\$1,437,884	\$0.08081	17,793,394	\$1,437,884
21	STAS	-0.39%		\$0	0.0%		\$0
22	Total Energy and Revenue		17,793,394	\$2,316,936		17,793,394	\$2,606,046
23	Avg rate per kWh			\$0.13021			\$0.14646
24	Proposed Increase						\$289,110
25	Percent Increase						12.48%

Pennsylvania Electric Company
Rate GS-Small and GS-Medium - General Service Secondary
Revenue Effects of Proposed Rates - FTY 4/30/16

Penelec Exhibit KMS-5
 Witness: K.M.Siedt
 4 of 14

Line No.	Tariff 80, Supplement No. 43			Tariff 81		
	Current Rate (1)	Billing Units (2)	Billed Revenue (3)	Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	<u>DISTRIBUTION CHARGES</u>					
	<u>CUSTOMER CHARGES</u>					
1	GS - Small	612,156	\$4,731,512	\$ 11.70	612,156	\$7,162,225
2	GS - Medium Single Phase	160,438	\$1,240,197	13.00	160,438	\$2,085,694
3	GS - Medium Single Phase Off Peak Service	3,393	\$40,784	13.00	3,393	\$44,109
4	GS - Medium Three Phase	188,309	\$2,815,246	25.99	188,309	\$4,894,151
5	GS - Medium Three Phase Off Peak Service	8,628	\$152,458	25.99	8,628	\$224,242
	<u>DEMAND CHARGES</u>					
6	GS - Medium Single Phase (Per kW)	1,916,723	\$6,957,769	\$6.35	1,916,723	\$12,171,191
7	GS - Medium Three Phase (Per kW)	8,617,428	\$31,281,554	\$6.35	8,617,428	\$54,720,668
8	GS - Medium Minimum kW	466,090	\$1,691,922	\$6.35	466,090	\$2,959,672
9	GS - Medium Single Phase (Per rkVA)	108,683	\$33,149	\$0.19	108,683	\$20,650
10	GS - Medium Three Phase (Per rkVA)	2,596,969	\$792,083	\$0.19	2,596,969	\$493,424
	<u>ENERGY CHARGES</u>					
11	GS - Small	266,216,712	\$4,336,255	\$0.03600	266,216,712	\$9,583,802
12	GS - Medium Single Phase	542,880,390	\$2,605,850	\$0.00000	542,880,390	\$0
13	GS-Medium Three Phase	2,703,294,314	<u>\$12,975,933</u>	\$0.00000	2,703,294,314	\$0
14	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>					\$94,359,828
15	Smart Meter Technologies Charge (Per Bill) - GS Small	612,156	\$1,485,513		612,156	\$0
16	Smart Meter Technologies Charge (Per Bill) - GS Medium	<u>360,768</u>	<u>\$875,472</u>		<u>360,768</u>	<u>\$0</u>
17	Smart Meter Technologies Charge (Per Bill)	972,924	\$ 2,360,985	\$0	972,924	\$0
18	<u>TOTAL DISTRIBUTION INCLUDING RIDER CHARGES</u>					\$94,359,828
	<u>RIDER CHARGES</u>					
19	NUG	3,512,391,416	\$ 7,144,745	(\$0.00417)	3,512,391,416	\$7,144,745
20	Consumer Education	3,512,391,416	\$0	\$0.00002	3,512,391,416	\$0
21	Energy Efficiency and Conservation Charge	3,512,391,416	\$0	\$0.00039	3,512,391,416	\$0
22	Default Service Support Charge GS - Small	266,216,712	\$394,803	\$0.00147	266,216,712	\$394,803
23	Default Service Support Charge GS - Medium	3,246,174,704	\$ 4,296,841	\$0.00133	3,246,174,704	\$4,296,841
24	Universal Service Charge	0	\$0	\$0.00	0	\$0
25	Solar Photovoltaic Requirements Charge	3,512,391,416	\$ 944,253	\$0.00027	3,512,391,416	\$944,253
26	Phase II Energy Efficiency and Conservation Charge	3,512,391,416	\$ 5,280,802	\$0.00151	3,512,391,416	\$5,280,802
27	PTC*	3,512,391,416	\$267,363,235	\$0.07612	3,512,391,416	\$267,363,235
28	STAS		\$0	-0.39%		\$0
29	Total Energy and Revenue	3,512,391,416	357,440,376		3,512,391,416	379,784,507
30	Total Energy and Revenue - GS Small	266,216,712	32,186,638		266,216,712	38,379,385
31	Total Energy and Revenue - GS Medium	3,246,174,704	325,253,738		3,246,174,704	341,405,122
32	Avg rate per kWh		\$0.10177			\$0.10813
33	Proposed Increase - GS Small					6,192,747
34	Proposed Increase - GS Medium					16,151,384
35	Percent Increase - GS Small					19.24%

Pennsylvania Electric Company
Rate GS-Large - General Service Secondary Time of Day
Revenue Effects of Proposed Rates - FTY 4/30/16

Line No.		Tariff 80, Supplement No. 43			Tariff 81		
		<u>Current Rate</u>	<u>Billing Units</u>	<u>Billed Revenue</u>	<u>Proposed Rate</u>	<u>Billing Units</u>	<u>Proposed Revenue</u>
		(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)
	<u>DISTRIBUTION CHARGES</u>						
	<u>CUSTOMER CHARGES</u>						
1	GS - Large	\$41.29	4,182	\$172,494	\$ 56.07	4,182	\$234,485
2	GS - Large Off Peak Thermal Storage Service	\$41.29	630	\$26,274	\$ 56.07	630	\$35,324
	<u>DEMAND CHARGES</u>						
3	GS - Large (Per kW)	\$4.70	2,522,161	\$11,841,766	\$4.74	2,522,161	\$11,955,043
4	GS - Large Off Peak Thermal Storage Service (Per kW)	\$4.70	183,154	\$873,523	\$4.74	183,154	\$868,150
5	GS - Large rkVA	\$0.254	1,495,938	\$379,571	\$0.19	1,495,938	\$284,228
6	GS - Large Off Peak Thermal Storage Service rkVA	\$0.254	99,512	\$25,649	\$0.19	99,512	\$18,907
7	Minimum kW	\$4.70	73,805	\$346,521	\$4.74	73,805	\$349,836
	<u>ENERGY CHARGES</u>						
8	GS - Large	\$0	1,003,686,645	\$0	\$0	1,003,686,645	\$0
9	GS - Large Off Peak Thermal Storage Service	\$0	66,225,747	\$0	\$0	66,225,747	\$0
10	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$13,665,798			\$13,745,973
11	Smart Meter Technologies Charge (Per Bill)	\$2.40	4,812	\$11,537	\$0.00	4,812	\$0
12	<u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u>			\$13,677,335			\$13,745,973
	<u>RIDER CHARGES</u>						
13	Energy Efficiency and Conservation Charge (Per kW PLC)	\$0.02	2,259,197	\$0	\$0.02	2,259,197	\$0
14	Default Service Support Charge (Per kW NSPL)	\$0.535	2,452,454	\$1,311,867	\$0.535	2,452,454	\$1,311,867
15	Phase II Energy Efficiency and Conservation Charge (Per kW PLC)	\$0.32	2,259,197	\$722,943	\$0.32	2,259,197	\$722,943
17	NUG	(\$0.00417)	1,069,912,392	\$2,232,236	(\$0.00417)	1,069,912,392	\$2,232,236
16	Consumer Education	\$0.00002	1,069,912,392	\$0	\$0.00002	1,069,912,392	\$0
18	Universal Service Charge	\$0.00		\$0	\$0.00	0	\$0
19	Hourly Priced Generation*	\$0.06512	1,069,912,392	\$69,672,695	\$0.06512	1,069,912,392	\$69,672,695
20	Solar Photovoltaic Requirements Charge	\$0.00027	1,069,912,392	\$293,856	\$0.00027	1,069,912,392	\$293,856
21	STAS	-0.39%		\$0	0%		\$0
22	Total Energy and Revenue		1,069,912,392	\$87,910,932		1,069,912,392	\$87,979,570
23	Avg rate per kWh			\$0.08217			\$0.08223
24	Proposed Increase						\$68,638
25	Percent Increase						0.08%

**Pennsylvania Electric Company
 Rate GP - General Primary Service
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.		Tariff 80, Supplement No. 43			Tariff 81		
		Current Rate (1)	Billing Units (2)	Billed Revenue (3)	Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	<u>DISTRIBUTION CHARGES</u>						
	<u>CUSTOMER CHARGES</u>						
1	GP	\$292.49	4,704	\$1,375,873	\$ 397.24	4,704	\$1,868,617
	<u>DEMAND CHARGES</u>						
2	GP (Per kW)	\$2.04	4,976,302	\$10,151,656	\$3.12	4,976,302	\$15,526,062
3	rkVA	\$0.078	3,165,999	\$246,948	\$0.190	3,165,999	\$601,540
4	kVA	\$0	6,018,928	\$0	\$0	6,018,928	\$0
5	Minimum kW	\$2.04	142,677	\$291,061	\$3.12	142,677	\$445,152
	<u>ENERGY CHARGES</u>						
6	All KWH	\$0	2,045,277,719	\$0	\$0.00000	2,045,277,719	\$0
7	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$12,065,538			\$18,441,371
8	Smart Meter Technologies Charge (Per Bill)	\$2.38	4,704	\$11,175	\$0		\$0
9	<u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u>			\$12,076,713			\$18,441,371
	<u>RIDER CHARGES</u>						
10	Energy Efficiency (Per kW PLC)	\$0.02	3,726,789	\$0	\$0.02	3,726,789	\$0
11	Default Service Support (Per kW NSPL)	\$0.520	3,955,534	\$2,053,009	\$0.520	3,955,534	\$2,053,009
12	Phase II Energy Efficiency (Per kW PLC)	\$0.32	3,726,789	\$1,192,572	\$0.32	3,726,789	\$1,192,572
13	NUG	(\$0.00124)	2,045,277,719	\$3,352,253	(\$0.00124)	2,045,277,719	\$3,352,253
14	Consumer Education	\$0	0	\$0	\$0	0	\$0
15	Universal Service Charge	\$0	0	\$0	\$0	0	\$0
16	Hourly Priced Generation- Energy*	\$0.05886	2,045,277,719	\$120,385,047	\$0.05886	2,045,277,719	\$120,385,047
17	Solar Photovoltaic Requirements Charge	\$0.00027	2,045,277,719	\$559,041	\$0.00027	2,045,277,719	\$559,041
18	STAS	-0.39%		\$0	0%		\$0
19	Total Energy and Revenue		2,045,277,719	\$139,618,635		2,045,277,719	\$145,983,293
20	Avg rate per kWh			\$0.06826			\$0.07138
21	Proposed Increase						\$6,364,658
22	Percent Increase						4.56%

**Pennsylvania Electric Company
 Rate LP - Transmission Power Service
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.	Tariff 80, Supplement No. 43			Tariff 81			
	Current Rate	Billing Units	Billed Revenue	Proposed Rate	Billing Units	Proposed Revenue	
	(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)	
<u>DISTRIBUTION CHARGES</u>							
<u>CUSTOMER CHARGES</u>							
1	LP	\$1,238.62	528	\$653,991	\$ 1,674.49	528	\$884,131
<u>DEMAND CHARGES</u>							
2	kW	\$1.52	5,621,261	\$8,544,318	\$1.75	5,621,261	\$9,837,207
3	kW (Transmission 115 kV Credit)	(\$1.31)	644,151	(\$843,838)	(\$0.53)	644,151	(\$341,400)
4	kW (Transmission 230 kV Credit)	(\$1.05)	11,124	(\$11,680)	(\$0.53)	11,124	(\$5,896)
5							
6	rkVA	\$0.061	2,957,774	\$180,424	\$0.190	2,957,774	\$561,977
7	Minimum kW	\$1.52	52,756	\$80,189	\$1.60	52,756	\$84,410
8	Minimum kW (115 kV Credit)	(\$1.31)	48,936	(\$64,106)	(\$0.53)	48,936	(\$25,936)
9	kVA	\$0	6,398,664	\$0	\$0	6,398,664	\$0
10	<u>ENERGY CHARGES</u>						
11	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$8,539,298			\$10,994,493
12	Smart Meter Technologies Charge (Per Bill)	\$2.36	528	\$1,244	\$0	528	\$0
13	<u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u>			\$8,540,542			\$10,994,493
<u>RIDER CHARGES</u>							
14	Energy Efficiency (Per kW PLC)	\$0.02	3,975,792	\$0	\$0.02	3,975,792	\$0
15	Default Service Support (kW NSPL)	\$0.495	4,191,761	\$2,070,801	\$0.495	4,191,761	\$2,070,801
16	Default Service Support Special Provision (kW NSPL)	\$0.328	0	\$0	\$0.328	0	\$0
17	Phase II Energy Efficiency (Per kW PLC)	\$0.32	3,975,792	\$1,272,253	\$0.32	3,975,792	\$1,272,253
18	NUG	(\$0.00414)	2,650,194,536	\$6,019,514	(\$0.00414)	2,650,194,536	\$6,019,514
19	Consumer Education	\$0	0	\$0	\$0	0	\$0
20	Universal Service Charge	\$0	0	\$0	\$0	0	\$0
21	Hourly Priced Generation	\$0.05600	2,650,194,536	\$148,410,894	\$0.05600	2,650,194,536	\$148,410,894
22	Solar Photovoltaic Requirements Charge	\$0.00027	2,650,194,536	\$720,709	\$0.00027	2,650,194,536	\$720,709
23	STAS	-0.39%		\$0	0%		\$0
24	Total Energy and Revenue		2,650,194,536	167,034,713		2,650,194,536	169,488,664
25	Avg rate per kWh			\$0.06303			\$0.06395
26	Proposed Increase						\$2,453,951
27	Percent Increase						1.47%

**Pennsylvania Electric Company
 Rate QF - Qualifying Facility
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.		Tariff 80, Supplement No. 43			Tariff 81		
		<u>Current Rate</u>	<u>Billing Units</u>	<u>Billed Revenue</u>	<u>Proposed Rate</u>	<u>Billing Units</u>	<u>Proposed Revenue</u>
		(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)
	<u>DISTRIBUTION CHARGES</u>						
	<u>CUSTOMER CHARGES</u>						
1	QF	\$86.43	72	\$6,223	\$86.43	72	\$6,223
	<u>DEMAND CHARGES</u>						
2	QF Backup Secondary (Per kW)	\$0.63	0	\$0	\$3.56	0	\$0
3	QF Backup Primary (Per kW)	\$0.35	52,214	\$18,275	\$2.34	52,214	\$122,181
4	QF Backup Transmission (Per kW)	\$0.00	0	\$0	\$1.71	0	\$0
5	QF Maint Secondary (Per kW)	\$0.63	0	\$0	\$2.84	0	\$0
6	QF Maint Primary (Per kW)	\$0.35	0	\$0	\$1.87	0	\$0
7	QF Maint Transmission (Per kW)	\$0.00	0	\$0	\$1.37	0	\$0
	<u>ENERGY CHARGES</u>						
8	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$24,498			\$128,404
9	STAS	0.00%		\$0	5%		\$0
10	Total Energy and Revenue			\$24,498			\$128,404
11	Avg rate per kWh			\$0			\$0
12	Proposed Increase						\$103,906
13	Percent Increase						424%

Pennsylvania Electric Company
Rate H - All Electric School, Church and Hospital Rate
Revenue Effects of Proposed Rates - FTY 4/30/16

Line No.		Tariff 80, Supplement No. 43			Tariff 81		
		<u>Current Rate</u>	<u>Billing Units</u>	<u>Billed Revenue</u>	<u>Proposed Rate</u>	<u>Billing Units</u>	<u>Proposed Revenue</u>
		(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)
	<u>DISTRIBUTION CHARGES</u>						
	<u>CUSTOMER CHARGE</u>						
1	H	\$19.93	1,824	\$36,354	\$ 26.46	1,824	\$48,263
2	<u>DEMAND CHARGES</u>						
	<u>ENERGY CHARGES</u>						
3	All KWH	\$0.02546	30,283,858	<u>\$771,072</u>	\$0.02697	30,283,858	<u>\$816,756</u>
4	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$807,426			\$865,019
5	Smart Meter Technologies Charge (Per Bill)	\$2.54	1,824	<u>\$4,642</u>	\$0	1,824	<u>\$0</u>
6	<u>TOTAL DISTRIBUTION INCLUDING RIDER CHANGES</u>			\$812,068			\$865,019
	<u>RIDER CHARGES</u>						
7	NUG	(\$0.00417)	30,283,858	\$66,885	(\$0.00417)	30,283,858	\$66,885
8	Consumer Education	\$0.00002	30,283,858	\$0	\$0.00002	30,283,858	\$0
9	Energy Efficiency and Conservation Charge	\$0.00047	30,283,858	\$0	\$0.00047	30,283,858	\$0
10	Default Service Support Charge	\$0.00119	30,283,858	\$39,012	\$0.00119	30,283,858	\$39,012
11	Universal Service Charge	\$0.00000	0	\$0	\$0.00000	0	\$0
12	Solar Photovoltaic Requirements Charge	\$0.00027	30,283,858	\$8,859	\$0.00027	30,283,858	\$8,859
13	Phase II Energy Efficiency and Conservation Charge	\$0.00145	30,283,858	\$47,575	\$0.00145	30,283,858	\$47,575
14	PTC*	\$0.07612	30,283,858	\$2,305,207	\$0.07612	30,283,858	\$2,305,207
15	STAS	-0.39%		\$0	0%		\$0
16	Total Energy and Revenue		30,283,858	\$3,279,606		30,283,858	\$3,332,557
17	Avg rate per kWh			\$0.10830			\$0.11004
18	Proposed Increase						\$52,951
19	Percent Increase						1.61%

**Pennsylvania Electric Company
 Outdoor Area Lighting Service
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.	Tariff 80, Supplement No. 43			Tariff 81			
	Current Rate (1)	Billing Units (2)	Billed Revenue (3)	Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)	
<u>HIGH PRESSURE SODIUM VAPOR</u>							
1	70 WATTS	\$11.68	14,709	\$171,801	\$ 15.01	14,709	\$220,782
2	100 WATTS	\$11.72	97,164	\$1,138,763	\$ 15.06	97,164	\$1,463,290
3	200 WATTS	\$17.13	39,394	\$674,820	\$ 22.01	39,394	\$867,062
4	250 WATTS	\$17.87	955	\$17,066	\$ 22.96	955	\$21,927
5	400 WATTS	\$15.46	4,149	\$64,144	\$ 19.86	4,149	\$82,399
6	200 WATTS Floodlights	\$20.79	240	\$4,990	\$ 26.71	240	\$6,410
7	400 WATTS Floodlight	\$20.45	928	\$18,978	\$ 26.28	928	\$24,388
<u>MERCURY VAPOR</u>							
8	100 WATTS	\$4.99	51,399	\$256,481	\$ 6.41	51,399	\$329,468
9	175 WATTS	\$5.29	48,387	\$255,968	\$ 6.80	48,387	\$329,032
10	250 WATTS	\$7.52	5,089	\$38,269	\$ 9.66	5,089	\$49,160
11	400 WATTS	\$8.60	2,505	\$21,543	\$ 11.05	2,505	\$27,680
12	700 WATTS	\$12.04	203	\$2,444	\$ 15.47	203	\$3,140
13	1,000 WATTS	\$12.41	359	\$4,455	\$ 15.94	359	\$5,722
14	400 WATT Floodlight	\$9.74	781	\$7,607	\$ 12.51	781	\$9,770
15	1,000 WATT Floodlight	\$16.03	160	\$2,565	\$ 20.60	160	\$3,296
<u>ADDITIONAL FACILITIES</u>							
16	WOOD POLE - Per Pole Per Lamp (Per Pole a Month)	\$0.97	51,170	\$49,635	\$ 1.25	51,170	\$63,963
17	WOOD POLE - Each Pole in Excess of Oner Per Lamp (Per Pole a Month)	\$2.38	1,485	\$3,534	\$ 3.06	1,485	\$4,544
18	FABRICATED POLE - Per Pole Per Lamp (Per Pole a Month)	\$4.86	3,493	\$16,976	\$ 6.24	3,493	\$21,796
19	FABRICATED POLE - Each Pole in Excess of Oner Per Lamp (Per Pole a Month)	\$6.39	192	<u>\$1,227</u>	\$ 8.21	192	<u>\$1,576</u>
20	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			2,751,266			3,535,405
<u>RIDER CHARGES</u>							
21	NUG	(\$0.00417)	16,556,664	\$20,749	(\$0.00417)	16,556,664	\$20,749
22	Consumer Education	\$0.00002	16,556,664	\$0	\$0.00002	16,556,664	\$0
23	Energy Efficiency and Conservation Charge	\$0.00039	16,556,664	\$0	\$0.00039	16,556,664	\$0
24	Default Service Support Charge	\$0.00108	16,556,664	\$10,903	\$0.00108	16,556,664	\$10,903
25	Universal Service Charge	\$0.00		\$0	\$0.00	0	\$0
26	Solar Photovoltaic Requirements Charge	\$0.00027	16,556,664	\$4,489	\$0.00027	16,556,664	\$4,489
27	Phase II Energy Efficiency and Conservation Charge	\$0.00151	16,556,664	\$15,272	\$0.00151	16,556,664	\$15,272
28	PTC*	\$0.07612	16,556,664	\$1,260,293	\$0.07612	16,556,664	\$1,260,293
29	STAS	-0.39%		\$0	0.00%	0	\$0
30	Total Revenue			4,062,972			4,847,111
31	Proposed Increase						\$784,139
32	Percent Increase						19.30%

**Pennsylvania Electric Company
 High Pressure Sodium Vapor Street Lighting Service
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.	Tariff 51, Supplement No. 44			Tariff 52			
	Current Rate (1)	Billing Units (2)	Billed Revenue (3)	Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)	
Wood Pole							
1	70 WATTS						
2	100 WATTS						
3	150 WATTS						
4	200 WATTS						
5	200 WATTS Prov E						
6	250 WATTS						
7	400 WATTS						
8	400 WATTS Prov E						
Fiberglass Pole Not Over 16 Feet							
9	70 WATTS						
10	100 WATTS						
11	150 WATTS						
12	200 WATTS						
13	250 WATTS						
14	400 WATTS						
Underpass Lighting							
15	70 WATTS						
16	100 WATTS						
17	150 WATTS						
18	200 WATTS						
19	400 WATTS						
20	TOTAL BASE NORMALIZED DISTRIBUTION REVENUES		\$4,205,954			\$4,759,609	
RIDER CHARGES							
21	NUG	(\$0.00417)	23,205,331	\$47,610	(\$0.00417)	23,205,331	\$47,610
22	Consumer Education	\$0.00002	23,205,331	\$0	\$0.00002	23,205,331	\$0
23	Energy Efficiency and Conservation Charge	\$0.00547	23,205,331	\$0	\$0.00547	23,205,331	\$0
24	Default Service Support Charge	\$0.00108	23,205,331	\$25,016	\$0.00108	23,205,331	\$25,016
25	Universal Service Charge	\$0	0	\$0	\$0	0	\$0
26	Solar Photovoltaic Requirements Charge	\$0.00027	23,205,331	\$6,265	\$0.00027	23,205,331	\$6,265
27	Phase II Energy Efficiency and Conservation Charge	\$0.00077	23,205,331	\$17,868	\$0.00077	23,205,331	\$17,868
28	PTC*	\$0.07612	23,205,331	\$1,766,390	\$0.07612	23,205,331	\$1,766,390
29	STAS	-0.39%		\$0	0%		\$0
30	Total Revenue			\$6,069,103			\$6,622,758
31	Proposed Increase						\$553,655
32	Percent Increase						9.12%

**Pennsylvania Electric Company
 Municipal Street Lighting Service
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.		Tariff 51, Supplement No. 44			Tariff 52		
		<u>Current Rate</u>	<u>Billing Units</u>	<u>Billed Revenue</u>	<u>Proposed Rate</u>	<u>Billing Units</u>	<u>Proposed Revenue</u>
		(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)
<u>Standard Mercury Vapor Units</u>							
<u>Wood Pole</u>							
1	100 WATTS	\$4.60	10,557	\$48,564	\$ 5.20	10,557	\$54,896
2	175 WATTS	\$4.64	2,481	\$11,510	\$ 5.25	2,481	\$13,025
3	250 WATTS	\$6.36	860	\$5,472	\$ 7.20	860	\$6,192
4	400 WATTS	\$6.37	112	\$712	\$ 7.19	112	\$805
5	700 WATTS	\$8.18	56	\$456	\$ 9.21	56	\$516
6	1,000 WATTS	\$8.15	11	\$90	\$ 9.26	11	\$102
<u>Fabricated Pole</u>							
7	100 WATTS	\$8.24	1,408	\$11,601	\$ 9.32	1,408	\$13,123
8	175 WATTS	\$8.27	179	\$1,479	\$ 9.35	179	\$1,674
9	250 WATTS	\$9.99	167	\$1,673	\$11.33	167	\$1,892
10	400 WATTS	\$10.00	89	\$894	\$11.36	89	\$1,011
11	700 WATTS	\$11.81	-	\$0	\$13.36	0	\$0
12	1,000 WATTS	\$11.78	-	\$0	\$13.33	0	\$0
<u>Standard High Pressure Sodium Vapor Units</u>							
<u>Wood Pole</u>							
13	250 WATTS	\$8.21	-	\$0	\$ 9.29	0	\$0
<u>Fabricated Pole</u>							
14	250 WATTS	\$11.80	-	\$0	\$13.35	0	\$0
<u>Mercury Vapor Floodlight Units</u>							
<u>Wood Pole</u>							
15	400 WATTS	\$7.69	335	\$2,578	\$ 8.71	335	\$2,918
16	1,000 WATTS	\$9.25	715	\$6,615	\$10.47	715	\$7,486
<u>Fabricated Pole</u>							
17	400 WATTS	\$11.31	33	\$377	\$26.20	33	\$865
<u>Underpass Lighting - Mercury Vapor</u>							
18	175 WATTS	\$5.70	-	\$0	\$ 6.45	0	\$0
<u>Underground System</u>							
19	Earth Construction/Ft	\$0.0212	2,536,545	\$53,775	\$ 0.0200	2,536,545	\$50,731
20	Sidewalk Construction/Ft	\$0.2288	2,496	\$571	\$ 0.2600	2,496	\$649

**Pennsylvania Electric Company
 Municipal Street Lighting Service
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.	Tariff 51, Supplement No. 44			Tariff 52		
	Current Rate (1)	Billing Units (2)	Billed Revenue (3)	Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
<u>Limited Access Highway Lighting</u>						
<u>Mercury Vapor Lamp</u>						
21	250 WATTS	22	\$87	\$ 4.47	22	\$98
22	400 WATTS	78	\$269	\$ 3.90	78	\$304
23	700 WATTS	-	\$0	\$ 9.32	0	\$0
24	1,000 WATTS	-	\$0	\$ 12.99	0	\$0
<u>High Pressure Sodium Vapor Lamp</u>						
25	200 WATTS	-	\$0	\$ 5.77	0	\$0
26	400 WATTS	-	\$0	\$ 2.82	0	\$0
<u>Fluorescent Street Lighting</u>						
27	12,000 Lumen	-	\$0	\$ 20.50	0	\$0
<u>Overhead or Boulevard Street Lighting</u>						
28	Overhead Self-Controlled (Per Unit)	22,294	\$22,071	\$ 1.12	22,294	\$24,969
29	First 100,000 kWh	1,200,000	\$5,052	\$ 0.00476	1,200,000	\$5,712
30	Excess kWh	1,083,586	\$1,203	\$ 0.00126	1,083,586	\$1,365
31	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>		\$175,049			\$188,333
<u>RIDER CHARGES</u>						
32	NUG	15,417,550	\$31,631	(\$0.00417)	15,417,550	\$31,631
33	Consumer Education	15,417,550	\$0	\$0.00002	15,417,550	\$0
34	Energy Efficiency and Conservation Charge	15,417,550	\$0	\$0.00547	15,417,550	\$0
35	Default Service Support Charge	15,417,550	\$16,621	\$0.00108	15,417,550	\$16,621
36	Universal Service Charge	0	\$0	\$0.00	0	\$0
37	Solar Photovoltaic Requirements Charge	15,417,550	\$4,163	\$0.00027	15,417,550	\$4,163
38	Phase II Energy Efficiency and Conservation Charge	15,417,550	\$11,872	\$0.00077	15,417,550	\$11,872
39	PTC*	15,417,550	\$1,173,584	\$0.07612	15,417,550	\$1,173,584
40	STAS		\$0	0.00%		\$0
40	Total Revenue		\$1,412,920			\$1,426,204
41	Proposed Increase					\$13,284
42	Percent Increase					0.94%

**Pennsylvania Electric Company
 Borderline Service
 Revenue Effects of Proposed Rates - FTY 4/30/16**

Line No.		Tariff 80, Supplement No. 43			Tariff 81		
		<u>Current Rate</u> (1)	<u>Billing Units</u> (2)	<u>Billed Revenue</u> (3)	<u>Proposed Rate</u> (4)	<u>Billing Units</u> (5)	<u>Proposed Revenue</u> (6)=(4)x(5)
	<u>DISTRIBUTION CHARGES</u>						
	<u>CUSTOMER CHARGES</u>						
	<u>ENERGY CHARGES</u>						
1	All kWh	\$0.03823	662,248	\$ 25,319	\$0.04495	662,248	\$ 29,768
2	Company Investment Charges	\$0	0	<u>\$3,312</u>	\$0	0	<u>\$ 3,312</u>
3	<u>TOTAL BASE NORMALIZED DISTRIBUTION REVENUES</u>			\$ 28,631			\$ 33,080
	<u>RIDER CHARGES</u>						
4	NUG Charge	(\$0.00417)	662,248	\$0	(\$0.00417)	662,248	\$ -
5	Default Service Support Charge	\$0.00118	662,248	\$0	\$0.00118	662,248	\$ -
6	PTC*	\$0.07612	662,248	\$50,410	\$0.07612	662,248	\$ 50,410
7	Solar Photovoltaic Requirements Charge	\$0.00027	662,248	\$0	\$0.00027	662,248	\$ -
8	STAS	-0.39%		\$0	0%		\$0
9	Total Energy and Revenue		662,248	\$ 79,041		662,248	\$ 83,490
10	Avg rate per kWh			\$0.11935			\$0.12607
11	Proposed Increase						\$4,449
12	Percent Increase						5.63%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES

Penelec Exhibit KMS-6
 Witness: K.M. Siedt
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ENERGY USAGE

All kWh	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000
Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.192 ¢/kWh	\$ -	\$ (0.10)	\$ (0.19)	\$ (0.48)	\$ (0.96)	\$ (1.44)	\$ (1.73)	\$ (1.92)	\$ (2.88)	\$ (3.84)	\$ (4.80)	\$ (5.76)	\$ (6.72)	\$ (7.68)	\$ (8.64)	\$ (9.60)
Distribution																
Distribution Charge @ \$7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98	\$ 7.98
All kWh @ 2.979 ¢/kWh	\$ -	\$ 1.49	\$ 2.98	\$ 7.45	\$ 14.90	\$ 22.34	\$ 26.81	\$ 29.79	\$ 44.69	\$ 59.58	\$ 74.48	\$ 89.37	\$ 104.27	\$ 119.16	\$ 134.06	\$ 148.95
Sub-Total	\$ 7.98	\$ 9.47	\$ 10.96	\$ 15.43	\$ 22.88	\$ 30.32	\$ 34.79	\$ 37.77	\$ 52.67	\$ 67.56	\$ 82.46	\$ 97.35	\$ 112.25	\$ 127.14	\$ 142.04	\$ 156.93
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.370 ¢/kWh	\$ -	\$ 0.19	\$ 0.37	\$ 0.93	\$ 1.85	\$ 2.78	\$ 3.33	\$ 3.70	\$ 5.55	\$ 7.40	\$ 9.25	\$ 11.10	\$ 12.95	\$ 14.80	\$ 16.65	\$ 18.50
Smart Meter Charge @ \$2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34
Default Service Support Charge @ 0.248 ¢/kWh	\$ -	\$ 0.12	\$ 0.25	\$ 0.62	\$ 1.24	\$ 1.86	\$ 2.23	\$ 2.48	\$ 3.72	\$ 4.96	\$ 6.20	\$ 7.44	\$ 8.68	\$ 9.92	\$ 11.16	\$ 12.40
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35
Sub-Total	\$ 2.34	\$ 2.98	\$ 3.61	\$ 5.53	\$ 8.71	\$ 11.90	\$ 13.81	\$ 15.08	\$ 21.45	\$ 27.82	\$ 34.19	\$ 40.56	\$ 46.93	\$ 53.30	\$ 59.67	\$ 66.04
PTC Charge																
All kWh @ \$ 0.08081 /kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05
Sub Total	\$ 10.32	\$ 16.39	\$ 22.46	\$ 40.68	\$ 71.03	\$ 101.39	\$ 119.60	\$ 131.74	\$ 192.45	\$ 253.16	\$ 313.87	\$ 374.58	\$ 435.29	\$ 496.00	\$ 556.71	\$ 617.42
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 10.32	\$ 16.39	\$ 22.46	\$ 40.68	\$ 71.03	\$ 101.39	\$ 119.60	\$ 131.74	\$ 192.45	\$ 253.16	\$ 313.87	\$ 374.58	\$ 435.29	\$ 496.00	\$ 556.71	\$ 617.42

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.192 ¢/kWh	\$ -	\$ (0.10)	\$ (0.19)	\$ (0.48)	\$ (0.96)	\$ (1.44)	\$ (1.73)	\$ (1.92)	\$ (2.88)	\$ (3.84)	\$ (4.80)	\$ (5.76)	\$ (6.72)	\$ (7.68)	\$ (8.64)	\$ (9.60)
Distribution																
Distribution Charge @ \$11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92
All kWh @ 4.758 ¢/kWh	\$ -	\$ 2.38	\$ 4.76	\$ 11.90	\$ 23.79	\$ 35.69	\$ 42.82	\$ 47.58	\$ 71.37	\$ 95.16	\$ 118.95	\$ 142.74	\$ 166.53	\$ 190.32	\$ 214.11	\$ 237.90
Sub-Total	\$ 11.92	\$ 14.30	\$ 16.68	\$ 23.82	\$ 35.71	\$ 47.61	\$ 54.74	\$ 59.50	\$ 83.29	\$ 107.08	\$ 130.87	\$ 154.66	\$ 178.45	\$ 202.24	\$ 226.03	\$ 249.82
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.370 ¢/kWh	\$ -	\$ 0.19	\$ 0.37	\$ 0.93	\$ 1.85	\$ 2.78	\$ 3.33	\$ 3.70	\$ 5.55	\$ 7.40	\$ 9.25	\$ 11.10	\$ 12.95	\$ 14.80	\$ 16.65	\$ 18.50
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ 0.248 ¢/kWh	\$ -	\$ 0.12	\$ 0.25	\$ 0.62	\$ 1.24	\$ 1.86	\$ 2.23	\$ 2.48	\$ 3.72	\$ 4.96	\$ 6.20	\$ 7.44	\$ 8.68	\$ 9.92	\$ 11.16	\$ 12.40
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35
Sub-Total	\$ -	\$ 0.64	\$ 1.27	\$ 3.19	\$ 6.37	\$ 9.56	\$ 11.47	\$ 12.74	\$ 19.11	\$ 25.48	\$ 31.85	\$ 38.22	\$ 44.59	\$ 50.96	\$ 57.33	\$ 63.70
PTC Charge																
All kWh @ \$ 0.08081 /kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05
Sub Total	\$ 11.92	\$ 18.88	\$ 25.84	\$ 46.72	\$ 81.53	\$ 116.33	\$ 137.21	\$ 151.13	\$ 220.74	\$ 290.34	\$ 359.95	\$ 429.55	\$ 499.16	\$ 568.76	\$ 638.37	\$ 707.97
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 11.92	\$ 18.88	\$ 25.84	\$ 46.72	\$ 81.53	\$ 116.33	\$ 137.21	\$ 151.13	\$ 220.74	\$ 290.34	\$ 359.95	\$ 429.55	\$ 499.16	\$ 568.76	\$ 638.37	\$ 707.97
% Increase	15.50%	15.19%	15.04%	14.87%	14.78%	14.74%	14.73%	14.72%	14.70%	14.69%	14.68%	14.68%	14.67%	14.67%	14.67%	14.67%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE RT vs RATE RS
On Peak Usage at 33%

ENERGY USAGE

Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000
On Peak	-	17	33	83	165	248	297	330	495	660	825	990	1,155	1,320	1,485	1,650
Off Peak	-	34	67	168	335	503	603	670	1,005	1,340	1,675	2,010	2,345	2,680	3,015	3,350
Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.192 ¢/kWh	\$ -	\$ (0.10)	\$ (0.19)	\$ (0.48)	\$ (0.96)	\$ (1.44)	\$ (1.73)	\$ (1.92)	\$ (2.88)	\$ (3.84)	\$ (4.80)	\$ (5.76)	\$ (6.72)	\$ (7.68)	\$ (8.64)	\$ (9.60)
Distribution																
Distribution Charge @ \$11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24
On Peak @ 6.887 ¢/kWh	\$ -	\$ 1.14	\$ 2.27	\$ 5.68	\$ 11.36	\$ 17.05	\$ 20.45	\$ 22.73	\$ 34.09	\$ 45.45	\$ 56.82	\$ 68.18	\$ 79.54	\$ 90.91	\$ 102.27	\$ 113.64
Off Peak @ 1.152 ¢/kWh	\$ -	\$ 0.39	\$ 0.77	\$ 1.93	\$ 3.86	\$ 5.79	\$ 6.95	\$ 7.72	\$ 11.58	\$ 15.44	\$ 19.30	\$ 23.16	\$ 27.01	\$ 30.87	\$ 34.73	\$ 38.59
Sub-Total	\$ 11.24	\$ 12.76	\$ 14.28	\$ 18.85	\$ 26.46	\$ 34.07	\$ 38.64	\$ 41.69	\$ 56.91	\$ 72.13	\$ 87.35	\$ 102.58	\$ 117.80	\$ 133.02	\$ 148.24	\$ 163.47
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.370 ¢/kWh	\$ -	\$ 0.19	\$ 0.37	\$ 0.93	\$ 1.85	\$ 2.78	\$ 3.33	\$ 3.70	\$ 5.55	\$ 7.40	\$ 9.25	\$ 11.10	\$ 12.95	\$ 14.80	\$ 16.65	\$ 18.50
Smart Meter Charge @ \$2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34
Default Service Support Charge @ 0.236 ¢/kWh	\$ -	\$ 0.12	\$ 0.24	\$ 0.59	\$ 1.18	\$ 1.77	\$ 2.12	\$ 2.36	\$ 3.54	\$ 4.72	\$ 5.90	\$ 7.08	\$ 8.26	\$ 9.44	\$ 10.62	\$ 11.80
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35
Sub-Total	\$ 2.34	\$ 2.97	\$ 3.60	\$ 5.50	\$ 8.65	\$ 11.81	\$ 13.70	\$ 14.96	\$ 21.27	\$ 27.58	\$ 33.89	\$ 40.20	\$ 46.51	\$ 52.82	\$ 59.13	\$ 65.44
PTC Charge																
All kWh @ \$ 0.08081 /kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05
Sub Total	\$ 13.58	\$ 19.68	\$ 25.78	\$ 44.07	\$ 74.56	\$ 105.05	\$ 123.34	\$ 135.54	\$ 196.51	\$ 257.49	\$ 318.47	\$ 379.45	\$ 440.42	\$ 501.40	\$ 562.38	\$ 623.36
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 13.58	\$ 19.68	\$ 25.78	\$ 44.07	\$ 74.56	\$ 105.05	\$ 123.34	\$ 135.54	\$ 196.51	\$ 257.49	\$ 318.47	\$ 379.45	\$ 440.42	\$ 501.40	\$ 562.38	\$ 623.36

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.192 ¢/kWh	\$ -	\$ (0.10)	\$ (0.19)	\$ (0.48)	\$ (0.96)	\$ (1.44)	\$ (1.73)	\$ (1.92)	\$ (2.88)	\$ (3.84)	\$ (4.80)	\$ (5.76)	\$ (6.72)	\$ (7.68)	\$ (8.64)	\$ (9.60)
Distribution																
Distribution Charge @ \$11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92
All kWh @ 4.758 ¢/kWh	\$ -	\$ 2.38	\$ 4.76	\$ 11.90	\$ 23.79	\$ 35.69	\$ 42.82	\$ 47.58	\$ 71.37	\$ 95.16	\$ 118.95	\$ 142.74	\$ 166.53	\$ 190.32	\$ 214.11	\$ 237.90
Sub-Total	\$ 11.92	\$ 14.30	\$ 16.68	\$ 23.82	\$ 35.71	\$ 47.61	\$ 54.74	\$ 59.50	\$ 83.29	\$ 107.08	\$ 130.87	\$ 154.66	\$ 178.45	\$ 202.24	\$ 226.03	\$ 249.82
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.370 ¢/kWh	\$ -	\$ 0.19	\$ 0.37	\$ 0.93	\$ 1.85	\$ 2.78	\$ 3.33	\$ 3.70	\$ 5.55	\$ 7.40	\$ 9.25	\$ 11.10	\$ 12.95	\$ 14.80	\$ 16.65	\$ 18.50
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ 0.248 ¢/kWh	\$ -	\$ 0.12	\$ 0.25	\$ 0.62	\$ 1.24	\$ 1.86	\$ 2.23	\$ 2.48	\$ 3.72	\$ 4.96	\$ 6.20	\$ 7.44	\$ 8.68	\$ 9.92	\$ 11.16	\$ 12.40
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35
Sub-Total	\$ -	\$ 0.64	\$ 1.27	\$ 3.19	\$ 6.37	\$ 9.56	\$ 11.47	\$ 12.74	\$ 19.11	\$ 25.48	\$ 31.85	\$ 38.22	\$ 44.59	\$ 50.96	\$ 57.33	\$ 63.70
PTC Charge																
All kWh @ \$ 0.08081 /kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05
Sub Total	\$ 11.92	\$ 18.88	\$ 25.84	\$ 46.72	\$ 81.53	\$ 116.33	\$ 137.21	\$ 151.13	\$ 220.74	\$ 290.34	\$ 359.95	\$ 429.55	\$ 499.16	\$ 568.76	\$ 638.37	\$ 707.97
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 11.92	\$ 18.88	\$ 25.84	\$ 46.72	\$ 81.53	\$ 116.33	\$ 137.21	\$ 151.13	\$ 220.74	\$ 290.34	\$ 359.95	\$ 429.55	\$ 499.16	\$ 568.76	\$ 638.37	\$ 707.97
% Increase	-12.22%	-4.05%	0.25%	6.02%	9.34%	10.74%	11.24%	11.51%	12.33%	12.76%	13.02%	13.20%	13.34%	13.43%	13.51%	13.57%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE RT SOLAR WATER HEATING SYSTEM VS RATE RS
On Peak Usage at 33%

Penelec Exhibit KMS-6
 Witness: K.M. Siedt
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ENERGY USAGE

Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000
On Peak	-	17	33	83	165	248	297	330	495	660	825	990	1,155	1,320	1,485	1,650
Off Peak	-	34	67	168	335	503	603	670	1,005	1,340	1,675	2,010	2,345	2,680	3,015	3,350
Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.192 ¢/kWh	\$ -	\$ (0.10)	\$ (0.19)	\$ (0.48)	\$ (0.96)	\$ (1.44)	\$ (1.73)	\$ (1.92)	\$ (2.88)	\$ (3.84)	\$ (4.80)	\$ (5.76)	\$ (6.72)	\$ (7.68)	\$ (8.64)	\$ (9.60)
Distribution																
Distribution Charge @ \$9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61	\$ 9.61
On Peak @ 6.887 ¢/kWh	\$ -	\$ 1.14	\$ 2.27	\$ 5.68	\$ 11.36	\$ 17.05	\$ 20.45	\$ 22.73	\$ 34.09	\$ 45.45	\$ 56.82	\$ 68.18	\$ 79.54	\$ 90.91	\$ 102.27	\$ 113.64
Off Peak @ 1.152 ¢/kWh	\$ -	\$ 0.39	\$ 0.77	\$ 1.93	\$ 3.86	\$ 5.79	\$ 6.95	\$ 7.72	\$ 11.58	\$ 15.44	\$ 19.30	\$ 23.16	\$ 27.01	\$ 30.87	\$ 34.73	\$ 38.59
Sub-Total	\$ 9.61	\$ 11.13	\$ 12.65	\$ 17.22	\$ 24.83	\$ 32.44	\$ 37.01	\$ 40.06	\$ 55.28	\$ 70.50	\$ 85.72	\$ 100.95	\$ 116.17	\$ 131.39	\$ 146.61	\$ 161.84
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.370 ¢/kWh	\$ -	\$ 0.19	\$ 0.37	\$ 0.93	\$ 1.85	\$ 2.78	\$ 3.33	\$ 3.70	\$ 5.55	\$ 7.40	\$ 9.25	\$ 11.10	\$ 12.95	\$ 14.80	\$ 16.65	\$ 18.50
Smart Meter Charge @ \$2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34	\$ 2.34
Default Service Support Charge @ 0.236 ¢/kWh	\$ -	\$ 0.12	\$ 0.24	\$ 0.59	\$ 1.18	\$ 1.77	\$ 2.12	\$ 2.36	\$ 3.54	\$ 4.72	\$ 5.90	\$ 7.08	\$ 8.26	\$ 9.44	\$ 10.62	\$ 11.80
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35
Sub-Total	\$ 2.34	\$ 2.97	\$ 3.60	\$ 5.50	\$ 8.65	\$ 11.81	\$ 13.70	\$ 14.96	\$ 21.27	\$ 27.58	\$ 33.89	\$ 40.20	\$ 46.51	\$ 52.82	\$ 59.13	\$ 65.44
PTC Charge																
All kWh @ \$ 0.08081/kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05
Sub Total	\$ 11.95	\$ 18.05	\$ 24.15	\$ 42.44	\$ 72.93	\$ 103.42	\$ 121.71	\$ 133.91	\$ 194.88	\$ 255.86	\$ 316.84	\$ 377.82	\$ 438.79	\$ 499.77	\$ 560.75	\$ 621.73
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 11.95	\$ 18.05	\$ 24.15	\$ 42.44	\$ 72.93	\$ 103.42	\$ 121.71	\$ 133.91	\$ 194.88	\$ 255.86	\$ 316.84	\$ 377.82	\$ 438.79	\$ 499.77	\$ 560.75	\$ 621.73

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.192 ¢/kWh	\$ -	\$ (0.10)	\$ (0.19)	\$ (0.48)	\$ (0.96)	\$ (1.44)	\$ (1.73)	\$ (1.92)	\$ (2.88)	\$ (3.84)	\$ (4.80)	\$ (5.76)	\$ (6.72)	\$ (7.68)	\$ (8.64)	\$ (9.60)
Distribution																
Distribution Charge @ \$11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92
All kWh @ 4.758 ¢/kWh	\$ -	\$ 2.38	\$ 4.76	\$ 11.90	\$ 23.79	\$ 35.69	\$ 42.82	\$ 47.58	\$ 71.37	\$ 95.16	\$ 118.95	\$ 142.74	\$ 166.53	\$ 190.32	\$ 214.11	\$ 237.90
Sub-Total	\$ 11.92	\$ 14.30	\$ 16.68	\$ 23.82	\$ 35.71	\$ 47.61	\$ 54.74	\$ 59.50	\$ 83.29	\$ 107.08	\$ 130.87	\$ 154.66	\$ 178.45	\$ 202.24	\$ 226.03	\$ 249.82
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.370 ¢/kWh	\$ -	\$ 0.19	\$ 0.37	\$ 0.93	\$ 1.85	\$ 2.78	\$ 3.33	\$ 3.70	\$ 5.55	\$ 7.40	\$ 9.25	\$ 11.10	\$ 12.95	\$ 14.80	\$ 16.65	\$ 18.50
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ 0.248 ¢/kWh	\$ -	\$ 0.12	\$ 0.25	\$ 0.62	\$ 1.24	\$ 1.86	\$ 2.23	\$ 2.48	\$ 3.72	\$ 4.96	\$ 6.20	\$ 7.44	\$ 8.68	\$ 9.92	\$ 11.16	\$ 12.40
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35
Sub-Total	\$ -	\$ 0.64	\$ 1.27	\$ 3.19	\$ 6.37	\$ 9.56	\$ 11.47	\$ 12.74	\$ 19.11	\$ 25.48	\$ 31.85	\$ 38.22	\$ 44.59	\$ 50.96	\$ 57.33	\$ 63.70
PTC Charge																
All kWh @ \$ 0.08081/kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05
Sub Total	\$ 11.92	\$ 18.88	\$ 25.84	\$ 46.72	\$ 81.53	\$ 116.33	\$ 137.21	\$ 151.13	\$ 220.74	\$ 290.34	\$ 359.95	\$ 429.55	\$ 499.16	\$ 568.76	\$ 638.37	\$ 707.97
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 11.92	\$ 18.88	\$ 25.84	\$ 46.72	\$ 81.53	\$ 116.33	\$ 137.21	\$ 151.13	\$ 220.74	\$ 290.34	\$ 359.95	\$ 429.55	\$ 499.16	\$ 568.76	\$ 638.37	\$ 707.97
% Increase	-0.25%	4.61%	7.02%	10.09%	11.79%	12.48%	12.73%	12.86%	13.27%	13.48%	13.61%	13.69%	13.76%	13.80%	13.84%	13.87%

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS-V TIME OF DAY vs RATE GS-V**

Penelec Exhibit KMS-6
Witness: K.M. Siedt
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ENERGY USAGE																	
Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000	
On Peak	-	17	33	83	165	248	297	330	495	660	825	990	1,155	1,320	1,485	1,650	
Off Peak	-	34	67	168	335	503	603	670	1,005	1,340	1,675	2,010	2,345	2,680	3,015	3,350	
Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000	

UNBUNDLED RATES - CURRENT

NUG Charge																	
All kWh @ -0.417 ¢/kWh	\$ -	\$ (0.21)	\$ (0.42)	\$ (1.04)	\$ (2.09)	\$ (3.13)	\$ (3.75)	\$ (4.17)	\$ (6.26)	\$ (8.34)	\$ (10.43)	\$ (12.51)	\$ (14.60)	\$ (16.68)	\$ (18.77)	\$ (20.85)	
Distribution																	
Distribution Charge @ \$11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24	\$ 11.24
On Peak @ 6.887 ¢/kWh	\$ -	\$ 1.14	\$ 2.27	\$ 5.68	\$ 11.36	\$ 17.05	\$ 20.45	\$ 22.73	\$ 34.09	\$ 45.45	\$ 56.82	\$ 68.18	\$ 79.54	\$ 90.91	\$ 102.27	\$ 113.64	
Off Peak @ 1.152 ¢/kWh	\$ -	\$ 0.39	\$ 0.77	\$ 1.93	\$ 3.86	\$ 5.79	\$ 6.95	\$ 7.72	\$ 11.58	\$ 15.44	\$ 19.30	\$ 23.16	\$ 27.01	\$ 30.87	\$ 34.73	\$ 38.59	
Sub-Total	\$ 11.24	\$ 12.76	\$ 14.28	\$ 18.85	\$ 26.46	\$ 34.07	\$ 38.64	\$ 41.69	\$ 56.91	\$ 72.13	\$ 87.35	\$ 102.58	\$ 117.80	\$ 133.02	\$ 148.24	\$ 163.47	
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ 0.145 ¢/kWh	\$ -	\$ 0.07	\$ 0.15	\$ 0.36	\$ 0.73	\$ 1.09	\$ 1.31	\$ 1.45	\$ 2.18	\$ 2.90	\$ 3.63	\$ 4.35	\$ 5.08	\$ 5.80	\$ 6.53	\$ 7.25	
Smart Meter Charge @ \$2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	
Default Service Support Charge @ 0.236 ¢/kWh	\$ -	\$ 0.12	\$ 0.24	\$ 0.59	\$ 1.18	\$ 1.77	\$ 2.12	\$ 2.36	\$ 3.54	\$ 4.72	\$ 5.90	\$ 7.08	\$ 8.26	\$ 9.44	\$ 10.62	\$ 11.80	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35	
Sub-Total	\$ 2.35	\$ 2.87	\$ 3.39	\$ 4.94	\$ 7.54	\$ 10.13	\$ 11.68	\$ 12.72	\$ 17.91	\$ 23.09	\$ 28.28	\$ 33.46	\$ 38.65	\$ 43.83	\$ 49.02	\$ 54.20	
PTC Charge																	
All kWh @ \$ 0.08081 /kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05	
Sub Total	\$ 13.59	\$ 19.46	\$ 25.34	\$ 42.95	\$ 72.32	\$ 101.68	\$ 119.30	\$ 131.05	\$ 189.77	\$ 248.50	\$ 307.23	\$ 365.96	\$ 424.68	\$ 483.41	\$ 542.14	\$ 600.87	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 13.59	\$ 19.46	\$ 25.34	\$ 42.95	\$ 72.32	\$ 101.68	\$ 119.30	\$ 131.05	\$ 189.77	\$ 248.50	\$ 307.23	\$ 365.96	\$ 424.68	\$ 483.41	\$ 542.14	\$ 600.87	

UNBUNDLED RATES - PROPOSED

NUG Charge																	
All kWh @ -0.417 ¢/kWh	\$ -	\$ (0.21)	\$ (0.42)	\$ (1.04)	\$ (2.09)	\$ (3.13)	\$ (3.75)	\$ (4.17)	\$ (6.26)	\$ (8.34)	\$ (10.43)	\$ (12.51)	\$ (14.60)	\$ (16.68)	\$ (18.77)	\$ (20.85)	
Distribution																	
Distribution Charge @ \$11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92	\$ 11.92
All kWh @ 4.758 ¢/kWh	\$ -	\$ 2.38	\$ 4.76	\$ 11.90	\$ 23.79	\$ 35.69	\$ 42.82	\$ 47.58	\$ 71.37	\$ 95.16	\$ 118.95	\$ 142.74	\$ 166.53	\$ 190.32	\$ 214.11	\$ 237.90	
Sub-Total	\$ 11.92	\$ 14.30	\$ 16.68	\$ 23.82	\$ 35.71	\$ 47.61	\$ 54.74	\$ 59.50	\$ 83.29	\$ 107.08	\$ 130.87	\$ 154.66	\$ 178.45	\$ 202.24	\$ 226.03	\$ 249.82	
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Universal Service Charge @ 0.629 ¢/kWh	\$ -	\$ 0.31	\$ 0.63	\$ 1.57	\$ 3.15	\$ 4.72	\$ 5.66	\$ 6.29	\$ 9.44	\$ 12.58	\$ 15.73	\$ 18.87	\$ 22.02	\$ 25.16	\$ 28.31	\$ 31.45	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ 0.145 ¢/kWh	\$ -	\$ 0.07	\$ 0.15	\$ 0.36	\$ 0.73	\$ 1.09	\$ 1.31	\$ 1.45	\$ 2.18	\$ 2.90	\$ 3.63	\$ 4.35	\$ 5.08	\$ 5.80	\$ 6.53	\$ 7.25	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ 0.248 ¢/kWh	\$ -	\$ 0.12	\$ 0.25	\$ 0.62	\$ 1.24	\$ 1.86	\$ 2.23	\$ 2.48	\$ 3.72	\$ 4.96	\$ 6.20	\$ 7.44	\$ 8.68	\$ 9.92	\$ 11.16	\$ 12.40	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.01	\$ 0.03	\$ 0.07	\$ 0.14	\$ 0.20	\$ 0.24	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.68	\$ 0.81	\$ 0.95	\$ 1.08	\$ 1.22	\$ 1.35	
Sub-Total	\$ -	\$ 0.52	\$ 1.05	\$ 2.62	\$ 5.25	\$ 7.87	\$ 9.44	\$ 10.49	\$ 15.74	\$ 20.98	\$ 26.23	\$ 31.47	\$ 36.72	\$ 41.96	\$ 47.21	\$ 52.45	
PTC Charge																	
All kWh @ \$ 0.08081 /kWh	\$ -	\$ 4.04	\$ 8.08	\$ 20.20	\$ 40.41	\$ 60.61	\$ 72.73	\$ 80.81	\$ 121.22	\$ 161.62	\$ 202.03	\$ 242.43	\$ 282.84	\$ 323.24	\$ 363.65	\$ 404.05	
Sub Total	\$ 11.92	\$ 18.66	\$ 25.39	\$ 45.60	\$ 79.28	\$ 112.95	\$ 133.16	\$ 146.63	\$ 213.99	\$ 281.34	\$ 348.70	\$ 416.05	\$ 483.41	\$ 550.76	\$ 618.12	\$ 685.47	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 11.92	\$ 18.66	\$ 25.39	\$ 45.60	\$ 79.28	\$ 112.95	\$ 133.16	\$ 146.63	\$ 213.99	\$ 281.34	\$ 348.70	\$ 416.05	\$ 483.41	\$ 550.76	\$ 618.12	\$ 685.47	
% Increase	-12.29%	-4.15%	0.22%	6.15%	9.62%	11.08%	11.62%	11.89%	12.76%	13.21%	13.50%	13.69%	13.83%	13.93%	14.01%	14.08%	

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS - SMALL - SINGLE PHASE
With No Billed Demand
At Average Levels of kWh Use**

KW Demand

Total kW	0	1	1	1	1	1	1	1	3	3	3	3	3	5	5
Hrs Use	0	100	200	300	400	500	600	730	100	200	300	400	500	100	200
ENERGY USAGE															
All kWh	0	100	200	300	400	500	600	730	300	600	900	1,200	1,500	500	1,000
Total Energy Usage	0	100	200	300	400	500	600	730	300	600	900	1,200	1,500	500	1,000

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (0.42)	\$ (0.83)	\$ (1.25)	\$ (1.67)	\$ (2.09)	\$ (2.50)	\$ (3.04)	\$ (1.25)	\$ (2.50)	\$ (3.75)	\$ (5.00)	\$ (6.26)	\$ (2.09)	\$ (4.17)	
Distribution																
Distribution Charge @ \$7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	
All kWh @ 1.629 ¢/kWh	\$ -	\$ 1.63	\$ 3.26	\$ 4.89	\$ 6.52	\$ 8.15	\$ 9.77	\$ 11.89	\$ 4.89	\$ 9.77	\$ 14.66	\$ 19.55	\$ 24.44	\$ 8.15	\$ 16.29	
Sub-Total	\$ 7.73	\$ 9.36	\$ 10.99	\$ 12.62	\$ 14.25	\$ 15.88	\$ 17.50	\$ 19.62	\$ 12.62	\$ 17.50	\$ 22.39	\$ 27.28	\$ 32.17	\$ 15.88	\$ 24.02	
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 0.15	\$ 0.30	\$ 0.45	\$ 0.60	\$ 0.76	\$ 0.91	\$ 1.10	\$ 0.45	\$ 0.91	\$ 1.36	\$ 1.81	\$ 2.27	\$ 0.76	\$ 1.51	
Smart Meter Charge @ \$2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	
Default Service Support Charge @ 0.147 ¢/kWh	\$ -	\$ 0.15	\$ 0.29	\$ 0.44	\$ 0.59	\$ 0.74	\$ 0.88	\$ 1.07	\$ 0.44	\$ 0.88	\$ 1.32	\$ 1.76	\$ 2.21	\$ 0.74	\$ 1.47	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.03	\$ 0.05	\$ 0.08	\$ 0.11	\$ 0.14	\$ 0.16	\$ 0.20	\$ 0.08	\$ 0.16	\$ 0.24	\$ 0.32	\$ 0.41	\$ 0.14	\$ 0.27	
Sub-Total	\$ 2.43	\$ 2.76	\$ 3.08	\$ 3.41	\$ 3.73	\$ 4.06	\$ 4.38	\$ 4.80	\$ 3.41	\$ 4.38	\$ 5.36	\$ 6.33	\$ 7.31	\$ 4.06	\$ 5.68	
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 7.61	\$ 15.22	\$ 22.84	\$ 30.45	\$ 38.06	\$ 45.67	\$ 55.57	\$ 22.84	\$ 45.67	\$ 68.51	\$ 91.34	\$ 114.18	\$ 38.06	\$ 76.12	
Sub Total	\$ 10.16	\$ 19.31	\$ 28.46	\$ 37.61	\$ 46.76	\$ 55.91	\$ 65.05	\$ 76.95	\$ 37.61	\$ 65.05	\$ 92.50	\$ 119.95	\$ 147.40	\$ 55.91	\$ 101.65	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 10.16	\$ 19.31	\$ 28.46	\$ 37.61	\$ 46.76	\$ 55.91	\$ 65.05	\$ 76.95	\$ 37.61	\$ 65.05	\$ 92.50	\$ 119.95	\$ 147.40	\$ 55.91	\$ 101.65	

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (0.42)	\$ (0.83)	\$ (1.25)	\$ (1.67)	\$ (2.09)	\$ (2.50)	\$ (3.04)	\$ (1.25)	\$ (2.50)	\$ (3.75)	\$ (5.00)	\$ (6.26)	\$ (2.09)	\$ (4.17)	
Distribution																
Distribution Charge @ \$11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	\$ 11.70	
All kWh @ 3.600 ¢/kWh	\$ -	\$ 3.60	\$ 7.20	\$ 10.80	\$ 14.40	\$ 18.00	\$ 21.60	\$ 26.28	\$ 10.80	\$ 21.60	\$ 32.40	\$ 43.20	\$ 54.00	\$ 18.00	\$ 36.00	
Sub-Total	\$ 11.70	\$ 15.30	\$ 18.90	\$ 22.50	\$ 26.10	\$ 29.70	\$ 33.30	\$ 37.98	\$ 22.50	\$ 33.30	\$ 44.10	\$ 54.90	\$ 65.70	\$ 29.70	\$ 47.70	
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 0.15	\$ 0.30	\$ 0.45	\$ 0.60	\$ 0.76	\$ 0.91	\$ 1.10	\$ 0.45	\$ 0.91	\$ 1.36	\$ 1.81	\$ 2.27	\$ 0.76	\$ 1.51	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ 0.147 ¢/kWh	\$ -	\$ 0.15	\$ 0.29	\$ 0.44	\$ 0.59	\$ 0.74	\$ 0.88	\$ 1.07	\$ 0.44	\$ 0.88	\$ 1.32	\$ 1.76	\$ 2.21	\$ 0.74	\$ 1.47	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.03	\$ 0.05	\$ 0.08	\$ 0.11	\$ 0.14	\$ 0.16	\$ 0.20	\$ 0.08	\$ 0.16	\$ 0.24	\$ 0.32	\$ 0.41	\$ 0.14	\$ 0.27	
Sub-Total	\$ -	\$ 0.33	\$ 0.65	\$ 0.98	\$ 1.30	\$ 1.63	\$ 1.95	\$ 2.37	\$ 0.98	\$ 1.95	\$ 2.93	\$ 3.90	\$ 4.88	\$ 1.63	\$ 3.25	
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 7.61	\$ 15.22	\$ 22.84	\$ 30.45	\$ 38.06	\$ 45.67	\$ 55.57	\$ 22.84	\$ 45.67	\$ 68.51	\$ 91.34	\$ 114.18	\$ 38.06	\$ 76.12	
Sub Total	\$ 11.70	\$ 22.82	\$ 33.94	\$ 45.06	\$ 56.18	\$ 67.30	\$ 78.42	\$ 92.88	\$ 45.06	\$ 78.42	\$ 111.78	\$ 145.14	\$ 178.50	\$ 67.30	\$ 122.90	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 11.70	\$ 22.82	\$ 33.94	\$ 45.06	\$ 56.18	\$ 67.30	\$ 78.42	\$ 92.88	\$ 45.06	\$ 78.42	\$ 111.78	\$ 145.14	\$ 178.50	\$ 67.30	\$ 122.90	
% Increase	15.16%	18.18%	19.26%	19.82%	20.16%	20.38%	20.55%	20.70%	19.82%	20.55%	20.84%	21.00%	21.10%	20.38%	20.91%	

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS-MEDIUM - SINGLE PHASE
With Demands 10 - 20 KW
At Average Levels of kWh Use

Penelec Exhibit KMS-6
 Witness: K.M. Siedt
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KW Demand																
Total kW	0	10	10	10	10	10	10	10	20	20	20	20	20	20	20	
Hrs Use	0	100	200	300	400	500	600	730	100	200	300	400	500	600	730	
REACTIVE DEMAND																
rKVA	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ENERGY USAGE																
Monthly Energy Usage	0	1,000	2,000	3,000	4,000	5,000	6,000	7,300	2,000	4,000	6,000	8,000	10,000	12,000	14,600	
Total Energy Usage	0	1,000	2,000	3,000	4,000	5,000	6,000	7,300	2,000	4,000	6,000	8,000	10,000	12,000	14,600	

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (4.17)	\$ (8.34)	\$ (12.51)	\$ (16.68)	\$ (20.85)	\$ (25.02)	\$ (30.44)	\$ (8.34)	\$ (16.68)	\$ (25.02)	\$ (33.36)	\$ (41.70)	\$ (50.04)	\$ (60.88)	
Distribution																
Distribution Charge @ \$7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	\$ 7.73	
All kW @ \$3.63/kWh	\$ -	\$ 36.30	\$ 36.30	\$ 36.30	\$ 36.30	\$ 36.30	\$ 36.30	\$ 36.30	\$ 72.60	\$ 72.60	\$ 72.60	\$ 72.60	\$ 72.60	\$ 72.60	\$ 72.60	
All kWh @ 0.480 ¢/kWh	\$ -	\$ 4.80	\$ 9.60	\$ 14.40	\$ 19.20	\$ 24.00	\$ 28.80	\$ 35.04	\$ 9.60	\$ 19.20	\$ 28.80	\$ 38.40	\$ 48.00	\$ 57.60	\$ 70.08	
All rKVA @ \$ 0.305 /rKVA	\$ -	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.35	\$ 0.35	\$ 0.35	\$ 0.35	\$ 0.35	\$ 0.35	\$ 0.35	
Sub-Total	\$ 7.73	\$ 49.00	\$ 53.80	\$ 58.60	\$ 63.40	\$ 68.20	\$ 73.00	\$ 79.24	\$ 90.28	\$ 99.88	\$ 109.48	\$ 119.08	\$ 128.68	\$ 138.28	\$ 150.76	
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 1.51	\$ 3.02	\$ 4.53	\$ 6.04	\$ 7.55	\$ 9.06	\$ 11.02	\$ 3.02	\$ 6.04	\$ 9.06	\$ 12.08	\$ 15.10	\$ 18.12	\$ 22.05	
Smart Meter Charge @ \$2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 1.33	\$ 2.66	\$ 3.99	\$ 5.32	\$ 6.65	\$ 7.98	\$ 9.71	\$ 2.66	\$ 5.32	\$ 7.98	\$ 10.64	\$ 13.30	\$ 15.96	\$ 19.42	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.27	\$ 0.54	\$ 0.81	\$ 1.08	\$ 1.35	\$ 1.62	\$ 1.97	\$ 0.54	\$ 1.08	\$ 1.62	\$ 2.16	\$ 2.70	\$ 3.24	\$ 3.94	
Sub-Total	\$ 2.43	\$ 5.54	\$ 8.65	\$ 11.76	\$ 14.87	\$ 17.98	\$ 21.09	\$ 25.13	\$ 8.65	\$ 14.87	\$ 21.09	\$ 27.31	\$ 33.53	\$ 39.75	\$ 47.84	
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 76.12	\$ 152.24	\$ 228.36	\$ 304.48	\$ 380.60	\$ 456.72	\$ 555.68	\$ 152.24	\$ 304.48	\$ 456.72	\$ 608.96	\$ 761.20	\$ 913.44	\$ 1,111.35	
Sub Total	\$ 10.16	\$ 126.49	\$ 206.35	\$ 286.21	\$ 366.07	\$ 445.93	\$ 525.79	\$ 629.61	\$ 242.83	\$ 402.55	\$ 562.27	\$ 721.99	\$ 881.71	\$ 1,041.43	\$ 1,249.06	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 10.16	\$ 126.49	\$ 206.35	\$ 286.21	\$ 366.07	\$ 445.93	\$ 525.79	\$ 629.61	\$ 242.83	\$ 402.55	\$ 562.27	\$ 721.99	\$ 881.71	\$ 1,041.43	\$ 1,249.06	

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (4.17)	\$ (8.34)	\$ (12.51)	\$ (16.68)	\$ (20.85)	\$ (25.02)	\$ (30.44)	\$ (8.34)	\$ (16.68)	\$ (25.02)	\$ (33.36)	\$ (41.70)	\$ (50.04)	\$ (60.88)	
Distribution																
Distribution Charge @ \$13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	
All kW @ \$6.35/kWh	\$ -	\$ 63.50	\$ 63.50	\$ 63.50	\$ 63.50	\$ 63.50	\$ 63.50	\$ 63.50	\$ 127.00	\$ 127.00	\$ 127.00	\$ 127.00	\$ 127.00	\$ 127.00	\$ 127.00	
All rKVA @ \$0.190 /rKVA	\$ -	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	
Sub-Total	\$ 13.00	\$ 76.61	\$ 76.61	\$ 76.61	\$ 76.61	\$ 76.61	\$ 76.61	\$ 76.61	\$ 140.22	\$ 140.22	\$ 140.22	\$ 140.22	\$ 140.22	\$ 140.22	\$ 140.22	
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 1.51	\$ 3.02	\$ 4.53	\$ 6.04	\$ 7.55	\$ 9.06	\$ 11.02	\$ 3.02	\$ 6.04	\$ 9.06	\$ 12.08	\$ 15.10	\$ 18.12	\$ 22.05	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 1.33	\$ 2.66	\$ 3.99	\$ 5.32	\$ 6.65	\$ 7.98	\$ 9.71	\$ 2.66	\$ 5.32	\$ 7.98	\$ 10.64	\$ 13.30	\$ 15.96	\$ 19.42	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.27	\$ 0.54	\$ 0.81	\$ 1.08	\$ 1.35	\$ 1.62	\$ 1.97	\$ 0.54	\$ 1.08	\$ 1.62	\$ 2.16	\$ 2.70	\$ 3.24	\$ 3.94	
Sub-Total	\$ -	\$ 3.11	\$ 6.22	\$ 9.33	\$ 12.44	\$ 15.55	\$ 18.66	\$ 22.70	\$ 6.22	\$ 12.44	\$ 18.66	\$ 24.88	\$ 31.10	\$ 37.32	\$ 45.41	
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 76.12	\$ 152.24	\$ 228.36	\$ 304.48	\$ 380.60	\$ 456.72	\$ 555.68	\$ 152.24	\$ 304.48	\$ 456.72	\$ 608.96	\$ 761.20	\$ 913.44	\$ 1,111.35	
Sub Total	\$ 13.00	\$ 151.67	\$ 226.73	\$ 301.79	\$ 376.85	\$ 451.91	\$ 526.97	\$ 624.55	\$ 290.34	\$ 440.46	\$ 590.58	\$ 740.70	\$ 890.82	\$ 1,040.94	\$ 1,236.09	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 13.00	\$ 151.67	\$ 226.73	\$ 301.79	\$ 376.85	\$ 451.91	\$ 526.97	\$ 624.55	\$ 290.34	\$ 440.46	\$ 590.58	\$ 740.70	\$ 890.82	\$ 1,040.94	\$ 1,236.09	
% Increase		27.95%	19.90%	9.87%	5.44%	2.94%	1.34%	0.22%	-0.80%	19.57%	9.42%	5.03%	2.59%	1.03%	-0.05%	-1.04%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS-MEDIUM - THREE PHASE
 With Demands 25-100 KW
 At Average Levels of kWh Use

KW Demand		25	25	25	25	25	50	50	50	50	75	75	75	75	100	100	100	100
Total kW		25	25	25	25	25	50	50	50	50	75	75	75	75	100	100	100	100
Hrs Use		0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																		
rkVA		8	8	8	8	8	15	15	15	15	23	23	23	23	30	30	30	30
ENERGY USAGE																		
Monthly Energy Usage		0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	7,500	22,500	37,500	54,750	10,000	30,000	50,000	73,000
Total Energy Usage		0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	7,500	22,500	37,500	54,750	10,000	30,000	50,000	73,000

UNBUNDLED RATES - CURRENT

NUG Charge																		
All kWh @ -.417 ¢/kWh	\$ -	\$ (10.43)	\$ (31.28)	\$ (52.13)	\$ (76.10)	\$ (20.85)	\$ (62.55)	\$ (104.25)	\$ (152.21)	\$ (31.28)	\$ (93.83)	\$ (156.38)	\$ (228.31)	\$ (41.70)	\$ (125.10)	\$ (208.50)	\$ (304.41)	
Distribution																		
Distribution Charge @ \$14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95
All kW @ \$3.63/kW	\$ 90.75	\$ 90.75	\$ 90.75	\$ 90.75	\$ 90.75	\$ 181.50	\$ 181.50	\$ 181.50	\$ 181.50	\$ 272.25	\$ 272.25	\$ 272.25	\$ 272.25	\$ 363.00	\$ 363.00	\$ 363.00	\$ 363.00	\$ 363.00
All kWh @ 0.480 ¢/kWh	\$ -	\$ 12.00	\$ 36.00	\$ 60.00	\$ 87.60	\$ 24.00	\$ 72.00	\$ 120.00	\$ 175.20	\$ 36.00	\$ 108.00	\$ 180.00	\$ 262.80	\$ 48.00	\$ 144.00	\$ 240.00	\$ 350.40	
All rkVA @ \$ 0.305 /rkVA	\$ 2.30	\$ 2.30	\$ 2.30	\$ 2.30	\$ 2.30	\$ 4.60	\$ 4.60	\$ 4.60	\$ 4.60	\$ 6.89	\$ 6.89	\$ 6.89	\$ 6.89	\$ 9.19	\$ 9.19	\$ 9.19	\$ 9.19	\$ 9.19
Sub-Total	\$ 108.00	\$ 120.00	\$ 144.00	\$ 168.00	\$ 195.60	\$ 225.05	\$ 273.05	\$ 321.05	\$ 376.25	\$ 330.09	\$ 402.09	\$ 474.09	\$ 556.89	\$ 435.14	\$ 531.14	\$ 627.14	\$ 737.54	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 3.78	\$ 11.33	\$ 18.88	\$ 27.56	\$ 7.55	\$ 22.65	\$ 37.75	\$ 55.12	\$ 11.33	\$ 33.98	\$ 56.63	\$ 82.67	\$ 15.10	\$ 45.30	\$ 75.50	\$ 110.23	
Smart Meter Charge @ \$2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 3.33	\$ 9.98	\$ 16.63	\$ 24.27	\$ 6.65	\$ 19.95	\$ 33.25	\$ 48.55	\$ 9.98	\$ 29.93	\$ 49.88	\$ 72.82	\$ 13.30	\$ 39.90	\$ 66.50	\$ 97.09	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.68	\$ 2.03	\$ 3.38	\$ 4.93	\$ 1.35	\$ 4.05	\$ 6.75	\$ 9.86	\$ 2.03	\$ 6.08	\$ 10.13	\$ 14.78	\$ 2.70	\$ 8.10	\$ 13.50	\$ 19.71	
Sub-Total	\$ 2.43	\$ 10.21	\$ 25.76	\$ 41.31	\$ 59.19	\$ 17.98	\$ 49.08	\$ 80.18	\$ 115.95	\$ 25.76	\$ 72.41	\$ 119.06	\$ 172.70	\$ 33.53	\$ 95.73	\$ 157.93	\$ 229.46	
PTC Charge																		
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 190.30	\$ 570.90	\$ 951.50	\$ 1,389.19	\$ 380.60	\$ 1,141.80	\$ 1,903.00	\$ 2,778.38	\$ 570.90	\$ 1,712.70	\$ 2,854.50	\$ 4,167.57	\$ 761.20	\$ 2,283.60	\$ 3,806.00	\$ 5,556.76	
Sub Total	\$ 110.43	\$ 310.08	\$ 709.38	\$ 1,108.68	\$ 1,567.87	\$ 602.78	\$ 1,401.38	\$ 2,199.98	\$ 3,118.37	\$ 895.47	\$ 2,093.37	\$ 3,291.27	\$ 4,668.86	\$ 1,188.17	\$ 2,785.37	\$ 4,382.57	\$ 6,219.35	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 110.43	\$ 310.08	\$ 709.38	\$ 1,108.68	\$ 1,567.87	\$ 602.78	\$ 1,401.38	\$ 2,199.98	\$ 3,118.37	\$ 895.47	\$ 2,093.37	\$ 3,291.27	\$ 4,668.86	\$ 1,188.17	\$ 2,785.37	\$ 4,382.57	\$ 6,219.35	

UNBUNDLED RATES - PROPOSED

NUG Charge																		
All kWh @ -.417 ¢/kWh	\$ -	\$ (10.43)	\$ (31.28)	\$ (52.13)	\$ (76.10)	\$ (20.85)	\$ (62.55)	\$ (104.25)	\$ (152.21)	\$ (31.28)	\$ (93.83)	\$ (156.38)	\$ (228.31)	\$ (41.70)	\$ (125.10)	\$ (208.50)	\$ (304.41)	
Distribution																		
Distribution Charge @ \$25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99
All kW @ \$6.35/kW	\$ 158.75	\$ 158.75	\$ 158.75	\$ 158.75	\$ 158.75	\$ 317.50	\$ 317.50	\$ 317.50	\$ 317.50	\$ 476.25	\$ 476.25	\$ 476.25	\$ 476.25	\$ 635.00	\$ 635.00	\$ 635.00	\$ 635.00	\$ 635.00
All rkVA @ \$0.190 /rkVA	\$ 1.43	\$ 1.43	\$ 1.43	\$ 1.43	\$ 1.43	\$ 2.86	\$ 2.86	\$ 2.86	\$ 2.86	\$ 4.29	\$ 4.29	\$ 4.29	\$ 4.29	\$ 5.73	\$ 5.73	\$ 5.73	\$ 5.73	\$ 5.73
Sub-Total	\$ 186.17	\$ 186.17	\$ 186.17	\$ 186.17	\$ 186.17	\$ 346.35	\$ 346.35	\$ 346.35	\$ 346.35	\$ 506.53	\$ 506.53	\$ 506.53	\$ 506.53	\$ 666.72	\$ 666.72	\$ 666.72	\$ 666.72	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 3.78	\$ 11.33	\$ 18.88	\$ 27.56	\$ 7.55	\$ 22.65	\$ 37.75	\$ 55.12	\$ 11.33	\$ 33.98	\$ 56.63	\$ 82.67	\$ 15.10	\$ 45.30	\$ 75.50	\$ 110.23	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 3.33	\$ 9.98	\$ 16.63	\$ 24.27	\$ 6.65	\$ 19.95	\$ 33.25	\$ 48.55	\$ 9.98	\$ 29.93	\$ 49.88	\$ 72.82	\$ 13.30	\$ 39.90	\$ 66.50	\$ 97.09	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.68	\$ 2.03	\$ 3.38	\$ 4.93	\$ 1.35	\$ 4.05	\$ 6.75	\$ 9.86	\$ 2.03	\$ 6.08	\$ 10.13	\$ 14.78	\$ 2.70	\$ 8.10	\$ 13.50	\$ 19.71	
Sub-Total	\$ -	\$ 7.78	\$ 23.33	\$ 38.88	\$ 56.76	\$ 15.55	\$ 46.65	\$ 77.75	\$ 113.52	\$ 23.33	\$ 69.98	\$ 116.63	\$ 170.27	\$ 31.10	\$ 93.30	\$ 155.50	\$ 227.03	
PTC Charge																		
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 190.30	\$ 570.90	\$ 951.50	\$ 1,389.19	\$ 380.60	\$ 1,141.80	\$ 1,903.00	\$ 2,778.38	\$ 570.90	\$ 1,712.70	\$ 2,854.50	\$ 4,167.57	\$ 761.20	\$ 2,283.60	\$ 3,806.00	\$ 5,556.76	
Sub Total	\$ 186.17	\$ 373.82	\$ 749.12	\$ 1,124.42	\$ 1,556.02	\$ 721.65	\$ 1,472.25	\$ 2,222.85	\$ 3,086.04	\$ 1,069.48	\$ 2,195.38	\$ 3,321.28	\$ 4,616.07	\$ 1,417.32	\$ 2,918.52	\$ 4,419.72	\$ 6,146.10	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 186.17	\$ 373.82	\$ 749.12	\$ 1,124.42	\$ 1,556.02	\$ 721.65	\$ 1,472.25	\$ 2,222.85	\$ 3,086.04	\$ 1,069.48	\$ 2,195.38	\$ 3,321.28	\$ 4,616.07	\$ 1,417.32	\$ 2,918.52	\$ 4,419.72	\$ 6,146.10	
% Increase	68.59%	20.56%	5.60%	1.42%	-0.76%	19.72%	5.06%	1.04%	-1.04%	19.43%	4.87%	0.91%	-1.13%	19.29%	4.78%	0.85%	-1.18%	

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS-MEDIUM - THREE PHASE
With Demands 250-400 Kw
At Average Levels of kWh Use**

Penelec Exhibit KMS-6
Witness: K.M. Siedt
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KW Demand																
Total kW	250	250	250	250	250	250	250	250	400	400	400	400	400	400	400	400
Hrs Use	0	100	200	300	400	500	600	730	100	200	300	400	500	600	730	
REACTIVE DEMAND																
rkVA	75	75	75	75	75	75	75	75	121	121	121	121	121	121	121	121
ENERGY USAGE																
Monthly Energy Usage	0	25,000	50,000	75,000	100,000	125,000	150,000	182,500	40,000	80,000	120,000	160,000	200,000	240,000	292,000	
Total Energy Usage	0	25,000	50,000	75,000	100,000	125,000	150,000	182,500	40,000	80,000	120,000	160,000	200,000	240,000	292,000	

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (104.25)	\$ (208.50)	\$ (312.75)	\$ (417.00)	\$ (521.25)	\$ (625.50)	\$ (761.03)	\$ (166.80)	\$ (333.60)	\$ (500.40)	\$ (667.20)	\$ (834.00)	\$ (1,000.80)	\$ (1,217.64)	
Distribution																
Distribution Charge @ \$14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95	\$ 14.95
All kW @ \$3.63/kW	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00
All kWh @ 0.480 ¢/kWh	\$ -	\$ 120.00	\$ 240.00	\$ 360.00	\$ 480.00	\$ 600.00	\$ 720.00	\$ 876.00	\$ 192.00	\$ 384.00	\$ 576.00	\$ 768.00	\$ 960.00	\$ 1,152.00	\$ 1,401.60	
All rkVA @ \$ 0.305 /rkVA	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77
Sub-Total	\$ 945.43	\$ 1,065.43	\$ 1,185.43	\$ 1,305.43	\$ 1,425.43	\$ 1,545.43	\$ 1,665.43	\$ 1,821.43	\$ 1,695.72	\$ 1,887.72	\$ 2,079.72	\$ 2,271.72	\$ 2,463.72	\$ 2,655.72	\$ 2,905.32	
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 37.75	\$ 75.50	\$ 113.25	\$ 151.00	\$ 188.75	\$ 226.50	\$ 275.58	\$ 60.40	\$ 120.80	\$ 181.20	\$ 241.60	\$ 302.00	\$ 362.40	\$ 440.92	
Smart Meter Charge @ \$2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 33.25	\$ 66.50	\$ 99.75	\$ 133.00	\$ 166.25	\$ 199.50	\$ 242.73	\$ 53.20	\$ 106.40	\$ 159.60	\$ 212.80	\$ 266.00	\$ 319.20	\$ 388.36	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 6.75	\$ 13.50	\$ 20.25	\$ 27.00	\$ 33.75	\$ 40.50	\$ 49.28	\$ 10.80	\$ 21.60	\$ 32.40	\$ 43.20	\$ 54.00	\$ 64.80	\$ 78.84	
Sub-Total	\$ 2.43	\$ 80.18	\$ 157.93	\$ 235.68	\$ 313.43	\$ 391.18	\$ 468.93	\$ 570.01	\$ 126.83	\$ 251.23	\$ 375.63	\$ 500.03	\$ 624.43	\$ 748.83	\$ 910.55	
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 1,903.00	\$ 3,806.00	\$ 5,709.00	\$ 7,612.00	\$ 9,515.00	\$ 11,418.00	\$ 13,891.90	\$ 3,044.80	\$ 6,089.60	\$ 9,134.40	\$ 12,179.20	\$ 15,224.00	\$ 18,268.80	\$ 22,227.04	
Sub Total	\$ 947.86	\$ 2,944.36	\$ 4,940.86	\$ 6,937.36	\$ 8,933.86	\$ 10,930.36	\$ 12,926.86	\$ 15,522.31	\$ 4,700.55	\$ 7,894.95	\$ 11,089.35	\$ 14,283.75	\$ 17,478.15	\$ 20,672.55	\$ 24,825.27	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 947.86	\$ 2,944.36	\$ 4,940.86	\$ 6,937.36	\$ 8,933.86	\$ 10,930.36	\$ 12,926.86	\$ 15,522.31	\$ 4,700.55	\$ 7,894.95	\$ 11,089.35	\$ 14,283.75	\$ 17,478.15	\$ 20,672.55	\$ 24,825.27	

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (104.25)	\$ (208.50)	\$ (312.75)	\$ (417.00)	\$ (521.25)	\$ (625.50)	\$ (761.03)	\$ (166.80)	\$ (333.60)	\$ (500.40)	\$ (667.20)	\$ (834.00)	\$ (1,000.80)	\$ (1,217.64)	
Distribution																
Distribution Charge @ \$25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99
All kW @ \$6.35/kW	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00
All rkVA @ \$0.190 /rkVA	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90
Sub-Total	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 37.75	\$ 75.50	\$ 113.25	\$ 151.00	\$ 188.75	\$ 226.50	\$ 275.58	\$ 60.40	\$ 120.80	\$ 181.20	\$ 241.60	\$ 302.00	\$ 362.40	\$ 440.92	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 33.25	\$ 66.50	\$ 99.75	\$ 133.00	\$ 166.25	\$ 199.50	\$ 242.73	\$ 53.20	\$ 106.40	\$ 159.60	\$ 212.80	\$ 266.00	\$ 319.20	\$ 388.36	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 6.75	\$ 13.50	\$ 20.25	\$ 27.00	\$ 33.75	\$ 40.50	\$ 49.28	\$ 10.80	\$ 21.60	\$ 32.40	\$ 43.20	\$ 54.00	\$ 64.80	\$ 78.84	
Sub-Total	\$ -	\$ 77.75	\$ 155.50	\$ 233.25	\$ 311.00	\$ 388.75	\$ 466.50	\$ 567.58	\$ 124.40	\$ 248.80	\$ 373.20	\$ 497.60	\$ 622.00	\$ 746.40	\$ 908.12	
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 1,903.00	\$ 3,806.00	\$ 5,709.00	\$ 7,612.00	\$ 9,515.00	\$ 11,418.00	\$ 13,891.90	\$ 3,044.80	\$ 6,089.60	\$ 9,134.40	\$ 12,179.20	\$ 15,224.00	\$ 18,268.80	\$ 22,227.04	
Sub Total	\$ 1,627.80	\$ 3,504.30	\$ 5,380.80	\$ 7,257.30	\$ 9,133.80	\$ 11,010.30	\$ 12,886.80	\$ 15,326.25	\$ 5,591.29	\$ 8,593.69	\$ 11,596.09	\$ 14,598.49	\$ 17,600.89	\$ 20,603.29	\$ 24,506.41	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 1,627.80	\$ 3,504.30	\$ 5,380.80	\$ 7,257.30	\$ 9,133.80	\$ 11,010.30	\$ 12,886.80	\$ 15,326.25	\$ 5,591.29	\$ 8,593.69	\$ 11,596.09	\$ 14,598.49	\$ 17,600.89	\$ 20,603.29	\$ 24,506.41	
% Increase		71.73%	19.02%	8.90%	4.61%	2.24%	0.73%	-0.31%	-1.26%	18.95%	8.85%	4.57%	2.20%	0.70%	-0.33%	-1.28%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS-MEDIUM - SINGLE PHASE - OFF-PEAK THERMAL STORAGE SERVICE vs RATE GS-MEDIUM - SINGLE PHASE
With Demands 10 - 20 KW
At Average Levels of kWh Use

KW Demand		0	10	10	10	10	10	10	10	20	20	20	20	20	20	
Total kW		0	10	10	10	10	10	10	10	20	20	20	20	20	20	
Hrs Use		0	100	200	300	400	500	600	730	100	200	300	400	500	600	730
REACTIVE DEMAND																
rkVA		0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ENERGY USAGE																
Monthly Energy Usage		0	1,000	2,000	3,000	4,000	5,000	6,000	7,300	2,000	4,000	6,000	8,000	10,000	12,000	14,600
Total Energy Usage		0	1,000	2,000	3,000	4,000	5,000	6,000	7,300	2,000	4,000	6,000	8,000	10,000	12,000	14,600

UNBUNDLED RATES - CURRENT

NUG Charge																	
All kWh @ -0.417 ¢/kWh	\$	-	(4.17)	(8.34)	(12.51)	(16.68)	(20.85)	(25.02)	(30.44)	(8.34)	(16.68)	(25.02)	(33.36)	(41.70)	(50.04)	(60.88)	
Distribution																	
Distribution Charge @ \$12.02	\$	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02	
All kW @ \$3.63/kW	\$	-	36.30	36.30	36.30	36.30	36.30	36.30	36.30	72.60	72.60	72.60	72.60	72.60	72.60	72.60	
All kWh @ 0.480 ¢/kWh	\$	-	4.80	9.60	14.40	19.20	24.00	28.80	35.04	9.60	19.20	28.80	38.40	48.00	57.60	70.08	
All rkVA @ \$ 0.305 /rkVA	\$	-	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.35	0.35	0.35	0.35	0.35	0.35	0.35	
Sub-Total	\$	12.02	53.29	58.09	62.89	67.69	72.49	77.29	83.53	94.57	104.17	113.77	123.37	132.97	142.57	155.05	
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$	-	1.51	3.02	4.53	6.04	7.55	9.06	11.02	3.02	6.04	9.06	12.08	15.10	18.12	22.05	
Smart Meter Charge @ \$2.43	\$	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	
Default Service Support Charge @ 0.133 ¢/kWh	\$	-	1.33	2.66	3.99	5.32	6.65	7.98	9.71	2.66	5.32	7.98	10.64	13.30	15.96	19.42	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$	-	0.27	0.54	0.81	1.08	1.35	1.62	1.97	0.54	1.08	1.62	2.16	2.70	3.24	3.94	
Sub-Total	\$	2.43	5.54	8.65	11.76	14.87	17.98	21.09	25.13	8.65	14.87	21.09	27.31	33.53	39.75	47.84	
PTC Charge																	
All kWh @ \$ 0.07612 /kWh	\$	-	76.12	152.24	228.36	304.48	380.60	456.72	555.68	152.24	304.48	456.72	608.96	761.20	913.44	1,111.35	
Sub Total	\$	14.45	130.78	210.64	290.50	370.36	450.22	530.08	633.90	247.12	406.84	566.56	726.28	886.00	1,045.72	1,253.35	
STAS @ 0.00 %	\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Bill	\$	14.45	130.78	210.64	290.50	370.36	450.22	530.08	633.90	247.12	406.84	566.56	726.28	886.00	1,045.72	1,253.35	

UNBUNDLED RATES - PROPOSED

NUG Charge																	
All kWh @ -0.417 ¢/kWh	\$	-	(4.17)	(8.34)	(12.51)	(16.68)	(20.85)	(25.02)	(30.44)	(8.34)	(16.68)	(25.02)	(33.36)	(41.70)	(50.04)	(60.88)	
Distribution																	
Distribution Charge @ \$13.00	\$	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	
All kW @ \$6.35/kW	\$	-	63.50	63.50	63.50	63.50	63.50	63.50	63.50	127.00	127.00	127.00	127.00	127.00	127.00	127.00	
All rkVA @ \$0.190 /rkVA	\$	-	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.22	0.22	0.22	0.22	0.22	0.22	0.22	
Sub-Total	\$	13.00	76.61	76.61	76.61	76.61	76.61	76.61	76.61	140.22	140.22	140.22	140.22	140.22	140.22	140.22	
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Energy Efficiency Charge @ 0.000 ¢/kWh	\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$	-	1.51	3.02	4.53	6.04	7.55	9.06	11.02	3.02	6.04	9.06	12.08	15.10	18.12	22.05	
Smart Meter Charge @ \$0.00	\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Default Service Support Charge @ 0.133 ¢/kWh	\$	-	1.33	2.66	3.99	5.32	6.65	7.98	9.71	2.66	5.32	7.98	10.64	13.30	15.96	19.42	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$	-	0.27	0.54	0.81	1.08	1.35	1.62	1.97	0.54	1.08	1.62	2.16	2.70	3.24	3.94	
Sub-Total	\$	-	3.11	6.22	9.33	12.44	15.55	18.66	22.70	6.22	12.44	18.66	24.88	31.10	37.32	45.41	
PTC Charge																	
All kWh @ \$ 0.07612 /kWh	\$	-	76.12	152.24	228.36	304.48	380.60	456.72	555.68	152.24	304.48	456.72	608.96	761.20	913.44	1,111.35	
Sub Total	\$	13.00	151.67	226.73	301.79	376.85	451.91	526.97	624.55	290.34	440.46	590.58	740.70	890.82	1,040.94	1,236.09	
STAS @ 0.00 %	\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Bill	\$	13.00	151.67	226.73	301.79	376.85	451.91	526.97	624.55	290.34	440.46	590.58	740.70	890.82	1,040.94	1,236.09	
% Increase			-10.03%	15.97%	7.64%	3.88%	1.75%	0.37%	-0.59%	-1.48%	17.49%	8.26%	4.24%	1.99%	0.54%	-0.46%	-1.38%

PENNSYLVANIA ELECTRIC COMPANY
 COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS-MEDIUM - THREE PHASE - OFF-PEAK THERMAL STORAGE SERVICE vs RATE GS-MEDIUM - THREE PHASE
 With Demands 25-100 KW
 At Average Levels of kWh Use

KW Demand																			
Total kW	25	25	25	25	25	50	50	50	50	75	75	75	75	100	100	100	100		
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730		
REACTIVE DEMAND																			
rkVA	8	8	8	8	8	15	15	15	15	23	23	23	23	30	30	30	30		
ENERGY USAGE																			
Monthly Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	7,500	22,500	37,500	54,750	10,000	30,000	50,000	73,000		
Total Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	7,500	22,500	37,500	54,750	10,000	30,000	50,000	73,000		

UNBUNDLED RATES - CURRENT

NUG Charge																			
All kWh @ -0.417 ¢/kWh	\$ -	\$ (10.43)	\$ (31.28)	\$ (52.13)	\$ (76.10)	\$ (20.85)	\$ (62.55)	\$ (104.25)	\$ (152.21)	\$ (31.28)	\$ (93.83)	\$ (156.38)	\$ (228.31)	\$ (41.70)	\$ (125.10)	\$ (208.50)	\$ (304.41)		
Distribution																			
Distribution Charge @ \$17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67		
All kW @ \$3.63/kW	\$ 90.75	\$ 90.75	\$ 90.75	\$ 90.75	\$ 90.75	\$ 181.50	\$ 181.50	\$ 181.50	\$ 181.50	\$ 272.25	\$ 272.25	\$ 272.25	\$ 272.25	\$ 363.00	\$ 363.00	\$ 363.00	\$ 363.00		
All kWh @ 0.480 ¢/kWh	\$ -	\$ 12.00	\$ 36.00	\$ 60.00	\$ 87.60	\$ 24.00	\$ 72.00	\$ 120.00	\$ 175.20	\$ 36.00	\$ 108.00	\$ 180.00	\$ 262.80	\$ 48.00	\$ 144.00	\$ 240.00	\$ 350.40		
All rkVA @ \$ 0.305 /rkVA	\$ 2.30	\$ 2.30	\$ 2.30	\$ 2.30	\$ 2.30	\$ 4.60	\$ 4.60	\$ 4.60	\$ 4.60	\$ 6.89	\$ 6.89	\$ 6.89	\$ 6.89	\$ 9.19	\$ 9.19	\$ 9.19	\$ 9.19		
Sub-Total	\$ 110.72	\$ 122.72	\$ 146.72	\$ 170.72	\$ 198.32	\$ 227.77	\$ 275.77	\$ 323.77	\$ 378.97	\$ 332.81	\$ 404.81	\$ 476.81	\$ 559.61	\$ 437.86	\$ 533.86	\$ 629.86	\$ 740.26		
Riders																			
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 3.78	\$ 11.33	\$ 18.88	\$ 27.56	\$ 7.55	\$ 22.65	\$ 37.75	\$ 55.12	\$ 11.33	\$ 33.98	\$ 56.63	\$ 82.67	\$ 15.10	\$ 45.30	\$ 75.50	\$ 110.23		
Smart Meter Charge @ \$2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43		
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 3.33	\$ 9.98	\$ 16.63	\$ 24.27	\$ 6.65	\$ 19.95	\$ 33.25	\$ 48.55	\$ 9.98	\$ 29.93	\$ 49.88	\$ 72.82	\$ 13.30	\$ 39.90	\$ 66.50	\$ 97.09		
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.68	\$ 2.03	\$ 3.38	\$ 4.93	\$ 1.35	\$ 4.05	\$ 6.75	\$ 9.86	\$ 2.03	\$ 6.08	\$ 10.13	\$ 14.78	\$ 2.70	\$ 8.10	\$ 13.50	\$ 19.71		
Sub-Total	\$ 2.43	\$ 10.21	\$ 25.76	\$ 41.31	\$ 59.19	\$ 17.98	\$ 49.08	\$ 80.18	\$ 115.95	\$ 25.76	\$ 72.41	\$ 119.06	\$ 172.70	\$ 33.53	\$ 95.73	\$ 157.93	\$ 229.46		
PTC Charge																			
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 190.30	\$ 570.90	\$ 951.50	\$ 1,389.19	\$ 380.60	\$ 1,141.80	\$ 1,903.00	\$ 2,778.38	\$ 570.90	\$ 1,712.70	\$ 2,854.50	\$ 4,167.57	\$ 761.20	\$ 2,283.60	\$ 3,806.00	\$ 5,556.76		
Sub Total	\$ 113.15	\$ 312.80	\$ 712.10	\$ 1,111.40	\$ 1,570.59	\$ 605.50	\$ 1,404.10	\$ 2,202.70	\$ 3,121.09	\$ 898.19	\$ 2,096.09	\$ 3,293.99	\$ 4,671.58	\$ 1,190.89	\$ 2,788.09	\$ 4,385.29	\$ 6,222.07		
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Total Bill	\$ 113.15	\$ 312.80	\$ 712.10	\$ 1,111.40	\$ 1,570.59	\$ 605.50	\$ 1,404.10	\$ 2,202.70	\$ 3,121.09	\$ 898.19	\$ 2,096.09	\$ 3,293.99	\$ 4,671.58	\$ 1,190.89	\$ 2,788.09	\$ 4,385.29	\$ 6,222.07		

UNBUNDLED RATES - PROPOSED

NUG Charge																			
All kWh @ -0.417 ¢/kWh	\$ -	\$ (10.43)	\$ (31.28)	\$ (52.13)	\$ (76.10)	\$ (20.85)	\$ (62.55)	\$ (104.25)	\$ (152.21)	\$ (31.28)	\$ (93.83)	\$ (156.38)	\$ (228.31)	\$ (41.70)	\$ (125.10)	\$ (208.50)	\$ (304.41)		
Distribution																			
Distribution Charge @ \$25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99		
All kW @ \$6.35/kW	\$ 158.75	\$ 158.75	\$ 158.75	\$ 158.75	\$ 158.75	\$ 317.50	\$ 317.50	\$ 317.50	\$ 317.50	\$ 476.25	\$ 476.25	\$ 476.25	\$ 476.25	\$ 635.00	\$ 635.00	\$ 635.00	\$ 635.00		
All rkVA @ \$0.190 /rkVA	\$ 1.43	\$ 1.43	\$ 1.43	\$ 1.43	\$ 1.43	\$ 2.86	\$ 2.86	\$ 2.86	\$ 2.86	\$ 4.29	\$ 4.29	\$ 4.29	\$ 4.29	\$ 5.73	\$ 5.73	\$ 5.73	\$ 5.73		
Sub-Total	\$ 186.17	\$ 186.17	\$ 186.17	\$ 186.17	\$ 186.17	\$ 346.35	\$ 346.35	\$ 346.35	\$ 346.35	\$ 506.53	\$ 506.53	\$ 506.53	\$ 506.53	\$ 666.72	\$ 666.72	\$ 666.72	\$ 666.72		
Riders																			
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 3.78	\$ 11.33	\$ 18.88	\$ 27.56	\$ 7.55	\$ 22.65	\$ 37.75	\$ 55.12	\$ 11.33	\$ 33.98	\$ 56.63	\$ 82.67	\$ 15.10	\$ 45.30	\$ 75.50	\$ 110.23		
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 3.33	\$ 9.98	\$ 16.63	\$ 24.27	\$ 6.65	\$ 19.95	\$ 33.25	\$ 48.55	\$ 9.98	\$ 29.93	\$ 49.88	\$ 72.82	\$ 13.30	\$ 39.90	\$ 66.50	\$ 97.09		
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.68	\$ 2.03	\$ 3.38	\$ 4.93	\$ 1.35	\$ 4.05	\$ 6.75	\$ 9.86	\$ 2.03	\$ 6.08	\$ 10.13	\$ 14.78	\$ 2.70	\$ 8.10	\$ 13.50	\$ 19.71		
Sub-Total	\$ -	\$ 7.78	\$ 23.33	\$ 38.88	\$ 56.76	\$ 15.55	\$ 46.65	\$ 77.75	\$ 113.52	\$ 23.33	\$ 69.98	\$ 116.63	\$ 170.27	\$ 31.10	\$ 93.30	\$ 155.50	\$ 227.03		
PTC Charge																			
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 190.30	\$ 570.90	\$ 951.50	\$ 1,389.19	\$ 380.60	\$ 1,141.80	\$ 1,903.00	\$ 2,778.38	\$ 570.90	\$ 1,712.70	\$ 2,854.50	\$ 4,167.57	\$ 761.20	\$ 2,283.60	\$ 3,806.00	\$ 5,556.76		
Sub Total	\$ 186.17	\$ 373.82	\$ 749.12	\$ 1,124.42	\$ 1,556.02	\$ 721.65	\$ 1,472.25	\$ 2,222.85	\$ 3,086.04	\$ 1,069.48	\$ 2,195.38	\$ 3,321.28	\$ 4,616.07	\$ 1,417.32	\$ 2,918.52	\$ 4,419.72	\$ 6,146.10		
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Total Bill	\$ 186.17	\$ 373.82	\$ 749.12	\$ 1,124.42	\$ 1,556.02	\$ 721.65	\$ 1,472.25	\$ 2,222.85	\$ 3,086.04	\$ 1,069.48	\$ 2,195.38	\$ 3,321.28	\$ 4,616.07	\$ 1,417.32	\$ 2,918.52	\$ 4,419.72	\$ 6,146.10		
% Increase	64.54%	19.51%	5.20%	1.17%	-0.93%	19.18%	4.85%	0.92%	-1.12%	19.07%	4.74%	0.83%	-1.19%	19.01%	4.68%	0.78%	-1.22%		

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS-MEDIUM - THREE PHASE - OFF-PEAK THERMAL STORAGE SERVICE vs GS-MEDIUM - THREE PHASE
With Demands 250-400 kW
At Average Levels of kWh Use

KW Demand															
Total kW	250	250	250	250	250	250	250	250	400	400	400	400	400	400	400
Hrs Use	0	100	200	300	400	500	600	730	100	200	300	400	500	600	730
REACTIVE DEMAND															
rkVA	75	75	75	75	75	75	75	75	121	121	121	121	121	121	121
ENERGY USAGE															
Monthly Energy Usage	0	25,000	50,000	75,000	100,000	125,000	150,000	182,500	40,000	80,000	120,000	160,000	200,000	240,000	292,000
Total Energy Usage	0	25,000	50,000	75,000	100,000	125,000	150,000	182,500	40,000	80,000	120,000	160,000	200,000	240,000	292,000

UNBUNDLED RATES - CURRENT

NUG Charge															
All kWh @ -0.417 ¢/kWh	\$ -	\$ (104.25)	\$ (208.50)	\$ (312.75)	\$ (417.00)	\$ (521.25)	\$ (625.50)	\$ (761.03)	\$ (166.80)	\$ (333.60)	\$ (500.40)	\$ (667.20)	\$ (834.00)	\$ (1,000.80)	\$ (1,217.64)
Distribution															
Distribution Charge @ \$17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67	\$ 17.67
All kW @ \$3.63/kW	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 907.50	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00	\$ 1,452.00
All kWh @ 0.480 ¢/kWh	\$ -	\$ 120.00	\$ 240.00	\$ 360.00	\$ 480.00	\$ 600.00	\$ 720.00	\$ 876.00	\$ 192.00	\$ 384.00	\$ 576.00	\$ 768.00	\$ 960.00	\$ 1,152.00	\$ 1,401.60
All rkVA @ \$ 0.305 /rkVA	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 22.98	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77	\$ 36.77
Sub-Total	\$ 948.15	\$ 1,068.15	\$ 1,188.15	\$ 1,308.15	\$ 1,428.15	\$ 1,548.15	\$ 1,668.15	\$ 1,824.15	\$ 1,698.44	\$ 1,890.44	\$ 2,082.44	\$ 2,274.44	\$ 2,466.44	\$ 2,658.44	\$ 2,908.04
Riders															
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 37.75	\$ 75.50	\$ 113.25	\$ 151.00	\$ 188.75	\$ 226.50	\$ 275.58	\$ 60.40	\$ 120.80	\$ 181.20	\$ 241.60	\$ 302.00	\$ 362.40	\$ 440.92
Smart Meter Charge @ \$2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43	\$ 2.43
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 33.25	\$ 66.50	\$ 99.75	\$ 133.00	\$ 166.25	\$ 199.50	\$ 242.73	\$ 53.20	\$ 106.40	\$ 159.60	\$ 212.80	\$ 266.00	\$ 319.20	\$ 388.36
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 6.75	\$ 13.50	\$ 20.25	\$ 27.00	\$ 33.75	\$ 40.50	\$ 49.28	\$ 10.80	\$ 21.60	\$ 32.40	\$ 43.20	\$ 54.00	\$ 64.80	\$ 78.84
Sub-Total	\$ 2.43	\$ 80.18	\$ 157.93	\$ 235.68	\$ 313.43	\$ 391.18	\$ 468.93	\$ 570.01	\$ 126.83	\$ 251.23	\$ 375.63	\$ 500.03	\$ 624.43	\$ 748.83	\$ 910.55
PTC Charge															
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 1,903.00	\$ 3,806.00	\$ 5,709.00	\$ 7,612.00	\$ 9,515.00	\$ 11,418.00	\$ 13,891.90	\$ 3,044.80	\$ 6,089.60	\$ 9,134.40	\$ 12,179.20	\$ 15,224.00	\$ 18,268.80	\$ 22,227.04
Sub Total	\$ 950.58	\$ 2,947.08	\$ 4,943.58	\$ 6,940.08	\$ 8,936.58	\$ 10,933.08	\$ 12,929.58	\$ 15,525.03	\$ 4,703.27	\$ 7,897.67	\$ 11,092.07	\$ 14,286.47	\$ 17,480.87	\$ 20,675.27	\$ 24,827.99
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 950.58	\$ 2,947.08	\$ 4,943.58	\$ 6,940.08	\$ 8,936.58	\$ 10,933.08	\$ 12,929.58	\$ 15,525.03	\$ 4,703.27	\$ 7,897.67	\$ 11,092.07	\$ 14,286.47	\$ 17,480.87	\$ 20,675.27	\$ 24,827.99

UNBUNDLED RATES - PROPOSED

NUG Charge															
All kWh @ -0.417 ¢/kWh	\$ -	\$ (104.25)	\$ (208.50)	\$ (312.75)	\$ (417.00)	\$ (521.25)	\$ (625.50)	\$ (761.03)	\$ (166.80)	\$ (333.60)	\$ (500.40)	\$ (667.20)	\$ (834.00)	\$ (1,000.80)	\$ (1,217.64)
Distribution															
Distribution Charge @ \$25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99	\$ 25.99
All kW @ \$6.35/kW	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 1,587.50	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00	\$ 2,540.00
All rkVA @ \$0.190 /rkVA	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 14.31	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90	\$ 22.90
Sub-Total	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 1,627.80	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89	\$ 2,588.89
Riders															
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.151 ¢/kWh	\$ -	\$ 37.75	\$ 75.50	\$ 113.25	\$ 151.00	\$ 188.75	\$ 226.50	\$ 275.58	\$ 60.40	\$ 120.80	\$ 181.20	\$ 241.60	\$ 302.00	\$ 362.40	\$ 440.92
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ 0.133 ¢/kWh	\$ -	\$ 33.25	\$ 66.50	\$ 99.75	\$ 133.00	\$ 166.25	\$ 199.50	\$ 242.73	\$ 53.20	\$ 106.40	\$ 159.60	\$ 212.80	\$ 266.00	\$ 319.20	\$ 388.36
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 6.75	\$ 13.50	\$ 20.25	\$ 27.00	\$ 33.75	\$ 40.50	\$ 49.28	\$ 10.80	\$ 21.60	\$ 32.40	\$ 43.20	\$ 54.00	\$ 64.80	\$ 78.84
Sub-Total	\$ -	\$ 77.75	\$ 155.50	\$ 233.25	\$ 311.00	\$ 388.75	\$ 466.50	\$ 567.58	\$ 124.40	\$ 248.80	\$ 373.20	\$ 497.60	\$ 622.00	\$ 746.40	\$ 908.12
PTC Charge															
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 1,903.00	\$ 3,806.00	\$ 5,709.00	\$ 7,612.00	\$ 9,515.00	\$ 11,418.00	\$ 13,891.90	\$ 3,044.80	\$ 6,089.60	\$ 9,134.40	\$ 12,179.20	\$ 15,224.00	\$ 18,268.80	\$ 22,227.04
Sub Total	\$ 1,627.80	\$ 3,504.30	\$ 5,380.80	\$ 7,257.30	\$ 9,133.80	\$ 11,010.30	\$ 12,886.80	\$ 15,326.25	\$ 5,591.29	\$ 8,593.69	\$ 11,596.09	\$ 14,598.49	\$ 17,600.89	\$ 20,603.29	\$ 24,506.41
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 1,627.80	\$ 3,504.30	\$ 5,380.80	\$ 7,257.30	\$ 9,133.80	\$ 11,010.30	\$ 12,886.80	\$ 15,326.25	\$ 5,591.29	\$ 8,593.69	\$ 11,596.09	\$ 14,598.49	\$ 17,600.89	\$ 20,603.29	\$ 24,506.41
% Increase	71.24%	18.91%	8.84%	4.57%	2.21%	0.71%	-0.33%	-1.28%	18.88%	8.81%	4.54%	2.18%	0.69%	-0.35%	-1.30%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS - LARGE
With Demands of 500 - 1,000 KW
At Average Levels of kWh Use

KW Demand	500	500	500	500	500	500	750	750	750	750	750	1,000	1,000	1,000	1,000	1,000
Total kW	500	500	500	500	500	500	750	750	750	750	750	1,000	1,000	1,000	1,000	1,000
Hrs Use	0	200	300	400	500	730	200	300	400	500	730	200	300	400	500	730
REACTIVE DEMAND																
rkVA	297	297	297	297	297	297	445	445	445	445	445	593	593	593	593	593
ENERGY USAGE																
Monthly Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000
Total Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (417.00)	\$ (625.50)	\$ (834.00)	\$ (1,042.50)	\$ (1,522.05)	\$ (625.50)	\$ (938.25)	\$ (1,251.00)	\$ (1,563.75)	\$ (2,283.08)	\$ (834.00)	\$ (1,251.00)	\$ (1,668.00)	\$ (2,085.00)	\$ (3,044.10)
Distribution																
Distribution Charge @ \$41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29
All kW @ \$4.70/kW	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 3,525.00	\$ 3,525.00	\$ 3,525.00	\$ 3,525.00	\$ 3,525.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00
All rkVA @ \$ 0.254 /rkVA	\$ 75.33	\$ 75.33	\$ 75.33	\$ 75.33	\$ 75.33	\$ 75.33	\$ 112.99	\$ 112.99	\$ 112.99	\$ 112.99	\$ 112.99	\$ 150.65	\$ 150.65	\$ 150.65	\$ 150.65	\$ 150.65
Sub-Total	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 3,679.28	\$ 3,679.28	\$ 3,679.28	\$ 3,679.28	\$ 3,679.28	\$ 4,891.94	\$ 4,891.94	\$ 4,891.94	\$ 4,891.94	\$ 4,891.94
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00
Smart Meter Charge @ \$2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 27.00	\$ 40.50	\$ 54.00	\$ 67.50	\$ 98.55	\$ 40.50	\$ 60.75	\$ 81.00	\$ 101.25	\$ 147.83	\$ 54.00	\$ 81.00	\$ 108.00	\$ 135.00	\$ 197.10
Sub-Total	\$ 429.90	\$ 456.90	\$ 470.40	\$ 483.90	\$ 497.40	\$ 528.45	\$ 684.15	\$ 704.40	\$ 724.65	\$ 744.90	\$ 791.48	\$ 911.40	\$ 938.40	\$ 965.40	\$ 992.40	\$ 1,054.50
PTC Charge																
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 6,512.00	\$ 9,768.00	\$ 13,024.00	\$ 16,280.00	\$ 23,768.80	\$ 9,768.00	\$ 14,652.00	\$ 19,536.00	\$ 24,420.00	\$ 35,653.20	\$ 13,024.00	\$ 19,536.00	\$ 26,048.00	\$ 32,560.00	\$ 47,537.60
Sub Total	\$ 2,896.52	\$ 9,018.52	\$ 12,079.52	\$ 15,140.52	\$ 18,201.52	\$ 25,241.82	\$ 13,505.93	\$ 18,097.43	\$ 22,688.93	\$ 27,280.43	\$ 37,840.88	\$ 17,993.34	\$ 24,115.34	\$ 30,237.34	\$ 36,359.34	\$ 50,439.94
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 2,896.52	\$ 9,018.52	\$ 12,079.52	\$ 15,140.52	\$ 18,201.52	\$ 25,241.82	\$ 13,505.93	\$ 18,097.43	\$ 22,688.93	\$ 27,280.43	\$ 37,840.88	\$ 17,993.34	\$ 24,115.34	\$ 30,237.34	\$ 36,359.34	\$ 50,439.94

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (417.00)	\$ (625.50)	\$ (834.00)	\$ (1,042.50)	\$ (1,522.05)	\$ (625.50)	\$ (938.25)	\$ (1,251.00)	\$ (1,563.75)	\$ (2,283.08)	\$ (834.00)	\$ (1,251.00)	\$ (1,668.00)	\$ (2,085.00)	\$ (3,044.10)
Distribution																
Distribution Charge @ \$56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07
All kW @ \$4.74/kW	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 3,555.00	\$ 3,555.00	\$ 3,555.00	\$ 3,555.00	\$ 3,555.00	\$ 4,740.00	\$ 4,740.00	\$ 4,740.00	\$ 4,740.00	\$ 4,740.00
All rkVA @ \$0.190 /rkVA	\$ 56.35	\$ 56.35	\$ 56.35	\$ 56.35	\$ 56.35	\$ 56.35	\$ 84.52	\$ 84.52	\$ 84.52	\$ 84.52	\$ 84.52	\$ 112.69	\$ 112.69	\$ 112.69	\$ 112.69	\$ 112.69
Sub-Total	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 3,695.59	\$ 3,695.59	\$ 3,695.59	\$ 3,695.59	\$ 3,695.59	\$ 4,908.76	\$ 4,908.76	\$ 4,908.76	\$ 4,908.76	\$ 4,908.76
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 27.00	\$ 40.50	\$ 54.00	\$ 67.50	\$ 98.55	\$ 40.50	\$ 60.75	\$ 81.00	\$ 101.25	\$ 147.83	\$ 54.00	\$ 81.00	\$ 108.00	\$ 135.00	\$ 197.10
Sub-Total	\$ 427.50	\$ 454.50	\$ 468.00	\$ 481.50	\$ 495.00	\$ 526.05	\$ 681.75	\$ 702.00	\$ 722.25	\$ 742.50	\$ 789.08	\$ 909.00	\$ 936.00	\$ 963.00	\$ 990.00	\$ 1,052.10
PTC Charge																
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 6,512.00	\$ 9,768.00	\$ 13,024.00	\$ 16,280.00	\$ 23,768.80	\$ 9,768.00	\$ 14,652.00	\$ 19,536.00	\$ 24,420.00	\$ 35,653.20	\$ 13,024.00	\$ 19,536.00	\$ 26,048.00	\$ 32,560.00	\$ 47,537.60
Sub Total	\$ 2,909.92	\$ 9,031.92	\$ 12,092.92	\$ 15,153.92	\$ 18,214.92	\$ 25,255.22	\$ 13,519.84	\$ 18,111.34	\$ 22,702.84	\$ 27,294.34	\$ 37,854.79	\$ 18,007.76	\$ 24,129.76	\$ 30,251.76	\$ 36,373.76	\$ 50,454.36
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 2,909.92	\$ 9,031.92	\$ 12,092.92	\$ 15,153.92	\$ 18,214.92	\$ 25,255.22	\$ 13,519.84	\$ 18,111.34	\$ 22,702.84	\$ 27,294.34	\$ 37,854.79	\$ 18,007.76	\$ 24,129.76	\$ 30,251.76	\$ 36,373.76	\$ 50,454.36
% Increase	0.46%	0.15%	0.11%	0.09%	0.07%	0.05%	0.10%	0.08%	0.06%	0.05%	0.04%	0.08%	0.06%	0.05%	0.04%	0.03%

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS - LARGE
With Demands of 1,500 - 3,000 KW
At Average Levels of kWh Use**

KW Demand																		
Total kW	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000	
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730	
REACTIVE DEMAND																		
rkVA	890	890	890	890	890	1,186	1,186	1,186	1,186	1,483	1,483	1,483	1,483	1,779	1,779	1,779	1,779	
ENERGY USAGE																		
Monthly Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000	
Total Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000	

UNBUNDLED RATES - CURRENT

NUG Charge																		
All kWh @ -0.417 ¢/kWh	\$ -	\$ (625.50)	\$ (1,876.50)	\$ (3,127.50)	\$ (4,566.15)	\$ (834.00)	\$ (2,502.00)	\$ (4,170.00)	\$ (6,088.20)	\$ (1,042.50)	\$ (3,127.50)	\$ (5,212.50)	\$ (7,610.25)	\$ (1,251.00)	\$ (3,753.00)	\$ (6,255.00)	\$ (9,132.30)	
Distribution																		
Distribution Charge @ \$41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	
All kW @ \$4.70/kW	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 9,400.00	\$ 9,400.00	\$ 9,400.00	\$ 9,400.00	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	\$ 14,100.00	\$ 14,100.00	\$ 14,100.00	\$ 14,100.00	
All rkVA @ \$ 0.254 /rkVA	\$ 225.98	\$ 225.98	\$ 225.98	\$ 225.98	\$ 225.98	\$ 301.30	\$ 301.30	\$ 301.30	\$ 301.30	\$ 376.63	\$ 376.63	\$ 376.63	\$ 376.63	\$ 451.96	\$ 451.96	\$ 451.96	\$ 451.96	
Sub-Total	\$ 7,317.27	\$ 7,317.27	\$ 7,317.27	\$ 7,317.27	\$ 7,317.27	\$ 9,742.59	\$ 9,742.59	\$ 9,742.59	\$ 9,742.59	\$ 12,167.92	\$ 12,167.92	\$ 12,167.92	\$ 12,167.92	\$ 14,593.25	\$ 14,593.25	\$ 14,593.25	\$ 14,593.25	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 960.00	\$ 960.00	\$ 960.00	\$ 960.00	
Smart Meter Charge @ \$2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 40.50	\$ 121.50	\$ 202.50	\$ 295.65	\$ 54.00	\$ 162.00	\$ 270.00	\$ 394.20	\$ 67.50	\$ 202.50	\$ 337.50	\$ 492.75	\$ 81.00	\$ 243.00	\$ 405.00	\$ 591.30	
Sub-Total	\$ 1,284.90	\$ 1,325.40	\$ 1,406.40	\$ 1,487.40	\$ 1,580.55	\$ 1,766.40	\$ 1,874.40	\$ 1,982.40	\$ 2,106.60	\$ 2,207.40	\$ 2,342.40	\$ 2,477.40	\$ 2,632.65	\$ 2,648.40	\$ 2,810.40	\$ 2,972.40	\$ 3,158.70	
PTC Charge																		
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 9,768.00	\$ 29,304.00	\$ 48,840.00	\$ 71,306.40	\$ 13,024.00	\$ 39,072.00	\$ 65,120.00	\$ 95,075.20	\$ 16,280.00	\$ 48,840.00	\$ 81,400.00	\$ 118,844.00	\$ 19,536.00	\$ 58,608.00	\$ 97,680.00	\$ 142,612.80	
Sub Total	\$ 8,602.17	\$ 17,785.17	\$ 36,151.17	\$ 54,517.17	\$ 75,638.07	\$ 23,698.99	\$ 48,186.99	\$ 72,674.99	\$ 100,836.19	\$ 29,612.82	\$ 60,222.82	\$ 90,832.82	\$ 126,034.32	\$ 35,526.65	\$ 72,258.65	\$ 108,990.65	\$ 151,232.45	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 8,602.17	\$ 17,785.17	\$ 36,151.17	\$ 54,517.17	\$ 75,638.07	\$ 23,698.99	\$ 48,186.99	\$ 72,674.99	\$ 100,836.19	\$ 29,612.82	\$ 60,222.82	\$ 90,832.82	\$ 126,034.32	\$ 35,526.65	\$ 72,258.65	\$ 108,990.65	\$ 151,232.45	

UNBUNDLED RATES - PROPOSED

NUG Charge																		
All kWh @ -0.417 ¢/kWh	\$ -	\$ (625.50)	\$ (1,876.50)	\$ (3,127.50)	\$ (4,566.15)	\$ (834.00)	\$ (2,502.00)	\$ (4,170.00)	\$ (6,088.20)	\$ (1,042.50)	\$ (3,127.50)	\$ (5,212.50)	\$ (7,610.25)	\$ (1,251.00)	\$ (3,753.00)	\$ (6,255.00)	\$ (9,132.30)	
Distribution																		
Distribution Charge @ \$56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	
All kW @ \$4.74/kW	\$ 7,110.00	\$ 7,110.00	\$ 7,110.00	\$ 7,110.00	\$ 7,110.00	\$ 9,480.00	\$ 9,480.00	\$ 9,480.00	\$ 9,480.00	\$ 11,850.00	\$ 11,850.00	\$ 11,850.00	\$ 11,850.00	\$ 14,220.00	\$ 14,220.00	\$ 14,220.00	\$ 14,220.00	
All rkVA @ \$0.190 /rkVA	\$ 169.04	\$ 169.04	\$ 169.04	\$ 169.04	\$ 169.04	\$ 225.38	\$ 225.38	\$ 225.38	\$ 225.38	\$ 281.73	\$ 281.73	\$ 281.73	\$ 281.73	\$ 338.08	\$ 338.08	\$ 338.08	\$ 338.08	
Sub-Total	\$ 7,335.11	\$ 7,335.11	\$ 7,335.11	\$ 7,335.11	\$ 7,335.11	\$ 9,761.45	\$ 9,761.45	\$ 9,761.45	\$ 9,761.45	\$ 12,187.80	\$ 12,187.80	\$ 12,187.80	\$ 12,187.80	\$ 14,614.15	\$ 14,614.15	\$ 14,614.15	\$ 14,614.15	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 960.00	\$ 960.00	\$ 960.00	\$ 960.00	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 40.50	\$ 121.50	\$ 202.50	\$ 295.65	\$ 54.00	\$ 162.00	\$ 270.00	\$ 394.20	\$ 67.50	\$ 202.50	\$ 337.50	\$ 492.75	\$ 81.00	\$ 243.00	\$ 405.00	\$ 591.30	
Sub-Total	\$ 1,282.50	\$ 1,323.00	\$ 1,404.00	\$ 1,485.00	\$ 1,578.15	\$ 1,764.00	\$ 1,872.00	\$ 1,980.00	\$ 2,104.20	\$ 2,205.00	\$ 2,340.00	\$ 2,475.00	\$ 2,630.25	\$ 2,646.00	\$ 2,808.00	\$ 2,970.00	\$ 3,156.30	
PTC Charge																		
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 9,768.00	\$ 29,304.00	\$ 48,840.00	\$ 71,306.40	\$ 13,024.00	\$ 39,072.00	\$ 65,120.00	\$ 95,075.20	\$ 16,280.00	\$ 48,840.00	\$ 81,400.00	\$ 118,844.00	\$ 19,536.00	\$ 58,608.00	\$ 97,680.00	\$ 142,612.80	
Sub Total	\$ 8,617.61	\$ 17,800.61	\$ 36,166.61	\$ 54,532.61	\$ 75,653.51	\$ 23,715.45	\$ 48,203.45	\$ 72,691.45	\$ 100,852.65	\$ 29,630.30	\$ 60,240.30	\$ 90,850.30	\$ 126,051.80	\$ 35,545.15	\$ 72,277.15	\$ 109,009.15	\$ 151,250.95	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 8,617.61	\$ 17,800.61	\$ 36,166.61	\$ 54,532.61	\$ 75,653.51	\$ 23,715.45	\$ 48,203.45	\$ 72,691.45	\$ 100,852.65	\$ 29,630.30	\$ 60,240.30	\$ 90,850.30	\$ 126,051.80	\$ 35,545.15	\$ 72,277.15	\$ 109,009.15	\$ 151,250.95	
% Increase	0.18%	0.09%	0.04%	0.03%	0.02%	0.07%	0.03%	0.02%	0.02%	0.06%	0.03%	0.02%	0.01%	0.05%	0.03%	0.02%	0.01%	

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GS - LARGE - OFF-PEAK THERMAL STORAGE SERVICE vs GS-LARGE
With Demands of 500 - 1,000 KW
At Average Levels of kWh Use

KW Demand	500	500	500	500	500	500	750	750	750	750	750	1,000	1,000	1,000	1,000	1,000
Total kW	500	500	500	500	500	500	750	750	750	750	750	1,000	1,000	1,000	1,000	1,000
Hrs Use	0	200	300	400	500	730	200	300	400	500	730	200	300	400	500	730
REACTIVE DEMAND																
rkVA	297	297	297	297	297	297	445	445	445	445	445	593	593	593	593	593
ENERGY USAGE																
Monthly Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000
Total Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000

UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (417.00)	\$ (625.50)	\$ (834.00)	\$ (1,042.50)	\$ (1,522.05)	\$ (625.50)	\$ (938.25)	\$ (1,251.00)	\$ (1,563.75)	\$ (2,283.08)	\$ (834.00)	\$ (1,251.00)	\$ (1,668.00)	\$ (2,085.00)	\$ (3,044.10)
Distribution																
Distribution Charge @ \$41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29
All kW @ \$4.70/kW	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 3,525.00	\$ 3,525.00	\$ 3,525.00	\$ 3,525.00	\$ 3,525.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00
All rkVA @ \$ 0.254 /rkVA	\$ 75.33	\$ 75.33	\$ 75.33	\$ 75.33	\$ 75.33	\$ 75.33	\$ 112.99	\$ 112.99	\$ 112.99	\$ 112.99	\$ 112.99	\$ 150.65	\$ 150.65	\$ 150.65	\$ 150.65	\$ 150.65
Sub-Total	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 2,466.62	\$ 3,679.28	\$ 3,679.28	\$ 3,679.28	\$ 3,679.28	\$ 3,679.28	\$ 4,891.94	\$ 4,891.94	\$ 4,891.94	\$ 4,891.94	\$ 4,891.94
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00
Smart Meter Charge @ \$2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 27.00	\$ 40.50	\$ 54.00	\$ 67.50	\$ 98.55	\$ 40.50	\$ 60.75	\$ 81.00	\$ 101.25	\$ 147.83	\$ 54.00	\$ 81.00	\$ 108.00	\$ 135.00	\$ 197.10
Sub-Total	\$ 429.90	\$ 456.90	\$ 470.40	\$ 483.90	\$ 497.40	\$ 528.45	\$ 684.15	\$ 704.40	\$ 724.65	\$ 744.90	\$ 791.48	\$ 911.40	\$ 938.40	\$ 965.40	\$ 992.40	\$ 1,054.50
PTC Charge																
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 6,512.00	\$ 9,768.00	\$ 13,024.00	\$ 16,280.00	\$ 23,768.80	\$ 9,768.00	\$ 14,652.00	\$ 19,536.00	\$ 24,420.00	\$ 35,653.20	\$ 13,024.00	\$ 19,536.00	\$ 26,048.00	\$ 32,560.00	\$ 47,537.60
Sub Total	\$ 2,896.52	\$ 9,018.52	\$ 12,079.52	\$ 15,140.52	\$ 18,201.52	\$ 25,241.82	\$ 13,505.93	\$ 18,097.43	\$ 22,688.93	\$ 27,280.43	\$ 37,840.88	\$ 17,993.34	\$ 24,115.34	\$ 30,237.34	\$ 36,359.34	\$ 50,439.94
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 2,896.52	\$ 9,018.52	\$ 12,079.52	\$ 15,140.52	\$ 18,201.52	\$ 25,241.82	\$ 13,505.93	\$ 18,097.43	\$ 22,688.93	\$ 27,280.43	\$ 37,840.88	\$ 17,993.34	\$ 24,115.34	\$ 30,237.34	\$ 36,359.34	\$ 50,439.94

UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (417.00)	\$ (625.50)	\$ (834.00)	\$ (1,042.50)	\$ (1,522.05)	\$ (625.50)	\$ (938.25)	\$ (1,251.00)	\$ (1,563.75)	\$ (2,283.08)	\$ (834.00)	\$ (1,251.00)	\$ (1,668.00)	\$ (2,085.00)	\$ (3,044.10)
Distribution																
Distribution Charge @ \$56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07
All kW @ \$4.74/kW	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 2,370.00	\$ 3,555.00	\$ 3,555.00	\$ 3,555.00	\$ 3,555.00	\$ 3,555.00	\$ 4,740.00	\$ 4,740.00	\$ 4,740.00	\$ 4,740.00	\$ 4,740.00
All rkVA @ \$0.190 /rkVA	\$ 56.35	\$ 56.35	\$ 56.35	\$ 56.35	\$ 56.35	\$ 56.35	\$ 84.52	\$ 84.52	\$ 84.52	\$ 84.52	\$ 84.52	\$ 112.69	\$ 112.69	\$ 112.69	\$ 112.69	\$ 112.69
Sub-Total	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 2,482.42	\$ 3,695.59	\$ 3,695.59	\$ 3,695.59	\$ 3,695.59	\$ 3,695.59	\$ 4,908.76	\$ 4,908.76	\$ 4,908.76	\$ 4,908.76	\$ 4,908.76
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 267.50	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 401.25	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00	\$ 535.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 27.00	\$ 40.50	\$ 54.00	\$ 67.50	\$ 98.55	\$ 40.50	\$ 60.75	\$ 81.00	\$ 101.25	\$ 147.83	\$ 54.00	\$ 81.00	\$ 108.00	\$ 135.00	\$ 197.10
Sub-Total	\$ 427.50	\$ 454.50	\$ 468.00	\$ 481.50	\$ 495.00	\$ 526.05	\$ 681.75	\$ 702.00	\$ 722.25	\$ 742.50	\$ 789.08	\$ 909.00	\$ 936.00	\$ 963.00	\$ 990.00	\$ 1,052.10
PTC Charge																
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 6,512.00	\$ 9,768.00	\$ 13,024.00	\$ 16,280.00	\$ 23,768.80	\$ 9,768.00	\$ 14,652.00	\$ 19,536.00	\$ 24,420.00	\$ 35,653.20	\$ 13,024.00	\$ 19,536.00	\$ 26,048.00	\$ 32,560.00	\$ 47,537.60
Sub Total	\$ 2,909.92	\$ 9,031.92	\$ 12,092.92	\$ 15,153.92	\$ 18,214.92	\$ 25,255.22	\$ 13,519.84	\$ 18,111.34	\$ 22,702.84	\$ 27,294.34	\$ 37,854.79	\$ 18,007.76	\$ 24,129.76	\$ 30,251.76	\$ 36,373.76	\$ 50,454.36
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 2,909.92	\$ 9,031.92	\$ 12,092.92	\$ 15,153.92	\$ 18,214.92	\$ 25,255.22	\$ 13,519.84	\$ 18,111.34	\$ 22,702.84	\$ 27,294.34	\$ 37,854.79	\$ 18,007.76	\$ 24,129.76	\$ 30,251.76	\$ 36,373.76	\$ 50,454.36
% Increase	0.46%	0.15%	0.11%	0.09%	0.07%	0.05%	0.10%	0.08%	0.06%	0.05%	0.04%	0.08%	0.06%	0.05%	0.04%	0.03%

PENNSYLVANIA ELECTRIC COMPANY
 COMPARISON BETWEEN PRESENT AND PROPOSED RATES
 RATE GS - LARGE - OFF-PEAK THERMAL STORAGE SERVICE vs GS-LARGE
 With Demands of 1,500 - 3,000 KW
 At Average Levels of kWh Use

KW Demand	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000
Total kW	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																	
rKVA	890	890	890	890	890	1,186	1,186	1,186	1,186	1,483	1,483	1,483	1,483	1,779	1,779	1,779	1,779
ENERGY USAGE																	
Monthly Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000
Total Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000

UNBUNDLED RATES - CURRENT

NUG Charge																	
All kWh @ -0.417 ¢/kWh	\$ -	\$ (625.50)	\$ (1,876.50)	\$ (3,127.50)	\$ (4,566.15)	\$ (834.00)	\$ (2,502.00)	\$ (4,170.00)	\$ (6,088.20)	\$ (1,042.50)	\$ (3,127.50)	\$ (5,212.50)	\$ (7,610.25)	\$ (1,251.00)	\$ (3,753.00)	\$ (6,255.00)	\$ (9,132.30)
Distribution																	
Distribution Charge @ \$41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29	\$ 41.29
All kW @ \$4.70/kW	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 9,400.00	\$ 9,400.00	\$ 9,400.00	\$ 9,400.00	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	\$ 14,100.00	\$ 14,100.00	\$ 14,100.00	\$ 14,100.00
All rKVA @ \$ 0.254 /rKVA	\$ 225.98	\$ 225.98	\$ 225.98	\$ 225.98	\$ 225.98	\$ 301.30	\$ 301.30	\$ 301.30	\$ 301.30	\$ 376.63	\$ 376.63	\$ 376.63	\$ 376.63	\$ 451.96	\$ 451.96	\$ 451.96	\$ 451.96
Sub-Total	\$ 7,317.27	\$ 7,317.27	\$ 7,317.27	\$ 7,317.27	\$ 7,317.27	\$ 9,742.59	\$ 9,742.59	\$ 9,742.59	\$ 9,742.59	\$ 12,167.92	\$ 12,167.92	\$ 12,167.92	\$ 12,167.92	\$ 14,593.25	\$ 14,593.25	\$ 14,593.25	\$ 14,593.25
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 960.00	\$ 960.00	\$ 960.00	\$ 960.00
Smart Meter Charge @ \$2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40	\$ 2.40
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 40.50	\$ 121.50	\$ 202.50	\$ 295.65	\$ 54.00	\$ 162.00	\$ 270.00	\$ 394.20	\$ 67.50	\$ 202.50	\$ 337.50	\$ 492.75	\$ 81.00	\$ 243.00	\$ 405.00	\$ 591.30
Sub-Total	\$ 1,284.90	\$ 1,325.40	\$ 1,406.40	\$ 1,487.40	\$ 1,580.55	\$ 1,766.40	\$ 1,874.40	\$ 1,982.40	\$ 2,106.60	\$ 2,207.40	\$ 2,342.40	\$ 2,477.40	\$ 2,632.65	\$ 2,648.40	\$ 2,810.40	\$ 2,972.40	\$ 3,158.70
PTC Charge																	
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 9,768.00	\$ 29,304.00	\$ 48,840.00	\$ 71,306.40	\$ 13,024.00	\$ 39,072.00	\$ 65,120.00	\$ 95,075.20	\$ 16,280.00	\$ 48,840.00	\$ 81,400.00	\$ 118,844.00	\$ 19,536.00	\$ 58,608.00	\$ 97,680.00	\$ 142,612.80
Sub Total	\$ 8,602.17	\$ 17,785.17	\$ 36,151.17	\$ 54,517.17	\$ 75,638.07	\$ 23,698.99	\$ 48,186.99	\$ 72,674.99	\$ 100,836.19	\$ 29,612.82	\$ 60,222.82	\$ 90,832.82	\$ 126,034.32	\$ 35,526.65	\$ 72,258.65	\$ 108,990.65	\$ 151,232.45
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 8,602.17	\$ 17,785.17	\$ 36,151.17	\$ 54,517.17	\$ 75,638.07	\$ 23,698.99	\$ 48,186.99	\$ 72,674.99	\$ 100,836.19	\$ 29,612.82	\$ 60,222.82	\$ 90,832.82	\$ 126,034.32	\$ 35,526.65	\$ 72,258.65	\$ 108,990.65	\$ 151,232.45

UNBUNDLED RATES - PROPOSED

NUG Charge																	
All kWh @ -0.417 ¢/kWh	\$ -	\$ (625.50)	\$ (1,876.50)	\$ (3,127.50)	\$ (4,566.15)	\$ (834.00)	\$ (2,502.00)	\$ (4,170.00)	\$ (6,088.20)	\$ (1,042.50)	\$ (3,127.50)	\$ (5,212.50)	\$ (7,610.25)	\$ (1,251.00)	\$ (3,753.00)	\$ (6,255.00)	\$ (9,132.30)
Distribution																	
Distribution Charge @ \$56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07	\$ 56.07
All kW @ \$4.74/kW	\$ 7,110.00	\$ 7,110.00	\$ 7,110.00	\$ 7,110.00	\$ 7,110.00	\$ 9,480.00	\$ 9,480.00	\$ 9,480.00	\$ 9,480.00	\$ 11,850.00	\$ 11,850.00	\$ 11,850.00	\$ 11,850.00	\$ 14,220.00	\$ 14,220.00	\$ 14,220.00	\$ 14,220.00
All rKVA @ \$0.190 /rKVA	\$ 169.04	\$ 169.04	\$ 169.04	\$ 169.04	\$ 169.04	\$ 225.38	\$ 225.38	\$ 225.38	\$ 225.38	\$ 281.73	\$ 281.73	\$ 281.73	\$ 281.73	\$ 338.08	\$ 338.08	\$ 338.08	\$ 338.08
Sub-Total	\$ 7,335.11	\$ 7,335.11	\$ 7,335.11	\$ 7,335.11	\$ 7,335.11	\$ 9,761.45	\$ 9,761.45	\$ 9,761.45	\$ 9,761.45	\$ 12,187.80	\$ 12,187.80	\$ 12,187.80	\$ 12,187.80	\$ 14,614.15	\$ 14,614.15	\$ 14,614.15	\$ 14,614.15
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 960.00	\$ 960.00	\$ 960.00	\$ 960.00
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ \$ 0.535 /kW NSPL	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 802.50	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,070.00	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,337.50	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00	\$ 1,605.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 40.50	\$ 121.50	\$ 202.50	\$ 295.65	\$ 54.00	\$ 162.00	\$ 270.00	\$ 394.20	\$ 67.50	\$ 202.50	\$ 337.50	\$ 492.75	\$ 81.00	\$ 243.00	\$ 405.00	\$ 591.30
Sub-Total	\$ 1,282.50	\$ 1,323.00	\$ 1,404.00	\$ 1,485.00	\$ 1,578.15	\$ 1,764.00	\$ 1,872.00	\$ 1,980.00	\$ 2,104.20	\$ 2,205.00	\$ 2,340.00	\$ 2,475.00	\$ 2,630.25	\$ 2,646.00	\$ 2,808.00	\$ 2,970.00	\$ 3,156.30
PTC Charge																	
All kWh @ \$ 0.06512 /kWh	\$ -	\$ 9,768.00	\$ 29,304.00	\$ 48,840.00	\$ 71,306.40	\$ 13,024.00	\$ 39,072.00	\$ 65,120.00	\$ 95,075.20	\$ 16,280.00	\$ 48,840.00	\$ 81,400.00	\$ 118,844.00	\$ 19,536.00	\$ 58,608.00	\$ 97,680.00	\$ 142,612.80
Sub Total	\$ 8,617.61	\$ 17,800.61	\$ 36,166.61	\$ 54,532.61	\$ 75,653.51	\$ 23,715.45	\$ 48,203.45	\$ 72,691.45	\$ 100,852.65	\$ 29,630.30	\$ 60,240.30	\$ 90,850.30	\$ 126,051.80	\$ 35,545.15	\$ 72,277.15	\$ 109,009.15	\$ 151,250.95
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 8,617.61	\$ 17,800.61	\$ 36,166.61	\$ 54,532.61	\$ 75,653.51	\$ 23,715.45	\$ 48,203.45	\$ 72,691.45	\$ 100,852.65	\$ 29,630.30	\$ 60,240.30	\$ 90,850.30	\$ 126,051.80	\$ 35,545.15	\$ 72,277.15	\$ 109,009.15	\$ 151,250.95
% Increase	0.18%	0.09%	0.04%	0.03%	0.02%	0.07%	0.03%	0.02%	0.02%	0.06%	0.03%	0.02%	0.01%	0.05%	0.03%	0.02%	0.01%

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES**

**RATE GP
With Demands of 250 - 1000 KW
At Average Levels of kWh Use**

KW Demand	25	25	25	25	25	50	50	50	50	100	100	100	100	150	150	150	150
Total kW	25	25	25	25	25	50	50	50	50	100	100	100	100	150	150	150	150
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																	
rkVA	16	16	16	16	16	32	32	32	32	64	64	64	64	95	95	95	95
ENERGY USAGE																	
Monthly Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	10,000	30,000	50,000	73,000	15,000	45,000	75,000	109,500
Total Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	10,000	30,000	50,000	73,000	15,000	45,000	75,000	109,500

UNBUNDLED RATES - CURRENT

NUG Charge																	
All kWh @ -0.124 ¢/kWh	\$ -	\$ (3.10)	\$ (9.30)	\$ (15.50)	\$ (22.63)	\$ (6.20)	\$ (18.60)	\$ (31.00)	\$ (45.26)	\$ (12.40)	\$ (37.20)	\$ (62.00)	\$ (90.52)	\$ (18.60)	\$ (55.80)	\$ (93.00)	\$ (135.78)
Distribution																	
Distribution Charge @ \$292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49
All kW @ \$2.04/kW	\$ 51.00	\$ 51.00	\$ 51.00	\$ 51.00	\$ 51.00	\$ 102.00	\$ 102.00	\$ 102.00	\$ 102.00	\$ 204.00	\$ 204.00	\$ 204.00	\$ 204.00	\$ 306.00	\$ 306.00	\$ 306.00	\$ 306.00
All rkVA @ \$ 0.078 /rkVA	\$ 1.24	\$ 1.24	\$ 1.24	\$ 1.24	\$ 1.24	\$ 2.48	\$ 2.48	\$ 2.48	\$ 2.48	\$ 4.96	\$ 4.96	\$ 4.96	\$ 4.96	\$ 7.44	\$ 7.44	\$ 7.44	\$ 7.44
Sub-Total	\$ 344.73	\$ 344.73	\$ 344.73	\$ 344.73	\$ 344.73	\$ 396.97	\$ 396.97	\$ 396.97	\$ 396.97	\$ 501.45	\$ 501.45	\$ 501.45	\$ 501.45	\$ 605.93	\$ 605.93	\$ 605.93	\$ 605.93
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 32.00	\$ 32.00	\$ 32.00	\$ 32.00	\$ 48.00	\$ 48.00	\$ 48.00	\$ 48.00
Smart Meter Charge @ \$2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38
Default Service Support Charge @ \$ 0.520 /kW NSPL	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 26.00	\$ 26.00	\$ 26.00	\$ 26.00	\$ 52.00	\$ 52.00	\$ 52.00	\$ 52.00	\$ 78.00	\$ 78.00	\$ 78.00	\$ 78.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.68	\$ 2.03	\$ 3.38	\$ 4.93	\$ 1.35	\$ 4.05	\$ 6.75	\$ 9.86	\$ 2.70	\$ 8.10	\$ 13.50	\$ 19.71	\$ 4.05	\$ 12.15	\$ 20.25	\$ 29.57
Sub-Total	\$ 23.38	\$ 24.06	\$ 25.41	\$ 26.76	\$ 28.31	\$ 45.73	\$ 48.43	\$ 51.13	\$ 54.24	\$ 89.08	\$ 94.48	\$ 99.88	\$ 106.09	\$ 132.43	\$ 140.53	\$ 148.63	\$ 157.95
PTC Charge																	
All kWh @ \$ 0.05886 /kWh	\$ -	\$ 147.15	\$ 441.45	\$ 735.75	\$ 1,074.20	\$ 294.30	\$ 882.90	\$ 1,471.50	\$ 2,148.39	\$ 588.60	\$ 1,765.80	\$ 2,943.00	\$ 4,296.78	\$ 882.90	\$ 2,648.70	\$ 4,414.50	\$ 6,445.17
Sub Total	\$ 368.11	\$ 512.84	\$ 802.29	\$ 1,091.74	\$ 1,424.60	\$ 730.80	\$ 1,309.70	\$ 1,888.60	\$ 2,554.34	\$ 1,166.73	\$ 2,324.53	\$ 3,482.33	\$ 4,813.80	\$ 1,602.66	\$ 3,339.36	\$ 5,076.06	\$ 7,073.27
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 368.11	\$ 512.84	\$ 802.29	\$ 1,091.74	\$ 1,424.60	\$ 730.80	\$ 1,309.70	\$ 1,888.60	\$ 2,554.34	\$ 1,166.73	\$ 2,324.53	\$ 3,482.33	\$ 4,813.80	\$ 1,602.66	\$ 3,339.36	\$ 5,076.06	\$ 7,073.27

UNBUNDLED RATES - PROPOSED

NUG Charge																	
All kWh @ -0.124 ¢/kWh	\$ -	\$ (3.10)	\$ (9.30)	\$ (15.50)	\$ (22.63)	\$ (6.20)	\$ (18.60)	\$ (31.00)	\$ (45.26)	\$ (12.40)	\$ (37.20)	\$ (62.00)	\$ (90.52)	\$ (18.60)	\$ (55.80)	\$ (93.00)	\$ (135.78)
Distribution																	
Distribution Charge @ \$397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24
All kW @ \$3.12/kW	\$ 78.00	\$ 78.00	\$ 78.00	\$ 78.00	\$ 78.00	\$ 156.00	\$ 156.00	\$ 156.00	\$ 156.00	\$ 312.00	\$ 312.00	\$ 312.00	\$ 312.00	\$ 468.00	\$ 468.00	\$ 468.00	\$ 468.00
All rkVA @ \$0.190 /rkVA	\$ 3.02	\$ 3.02	\$ 3.02	\$ 3.02	\$ 3.02	\$ 6.04	\$ 6.04	\$ 6.04	\$ 6.04	\$ 12.09	\$ 12.09	\$ 12.09	\$ 12.09	\$ 18.13	\$ 18.13	\$ 18.13	\$ 18.13
Sub-Total	\$ 478.26	\$ 478.26	\$ 478.26	\$ 478.26	\$ 478.26	\$ 559.28	\$ 559.28	\$ 559.28	\$ 559.28	\$ 721.33	\$ 721.33	\$ 721.33	\$ 721.33	\$ 883.37	\$ 883.37	\$ 883.37	\$ 883.37
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 32.00	\$ 32.00	\$ 32.00	\$ 32.00	\$ 48.00	\$ 48.00	\$ 48.00	\$ 48.00
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ \$ 0.520 /kW NSPL	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 13.00	\$ 26.00	\$ 26.00	\$ 26.00	\$ 26.00	\$ 52.00	\$ 52.00	\$ 52.00	\$ 52.00	\$ 78.00	\$ 78.00	\$ 78.00	\$ 78.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.68	\$ 2.03	\$ 3.38	\$ 4.93	\$ 1.35	\$ 4.05	\$ 6.75	\$ 9.86	\$ 2.70	\$ 8.10	\$ 13.50	\$ 19.71	\$ 4.05	\$ 12.15	\$ 20.25	\$ 29.57
Sub-Total	\$ 21.00	\$ 21.68	\$ 23.03	\$ 24.38	\$ 25.93	\$ 43.35	\$ 46.05	\$ 48.75	\$ 51.86	\$ 86.70	\$ 92.10	\$ 97.50	\$ 103.71	\$ 130.05	\$ 138.15	\$ 146.25	\$ 155.57
PTC Charge																	
All kWh @ \$ 0.05886 /kWh	\$ -	\$ 147.15	\$ 441.45	\$ 735.75	\$ 1,074.20	\$ 294.30	\$ 882.90	\$ 1,471.50	\$ 2,148.39	\$ 588.60	\$ 1,765.80	\$ 2,943.00	\$ 4,296.78	\$ 882.90	\$ 2,648.70	\$ 4,414.50	\$ 6,445.17
Sub Total	\$ 499.26	\$ 643.99	\$ 933.44	\$ 1,222.89	\$ 1,555.75	\$ 890.73	\$ 1,469.63	\$ 2,048.53	\$ 2,714.27	\$ 1,384.23	\$ 2,542.03	\$ 3,699.83	\$ 5,031.30	\$ 1,877.72	\$ 3,614.42	\$ 5,351.12	\$ 7,348.33
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 499.26	\$ 643.99	\$ 933.44	\$ 1,222.89	\$ 1,555.75	\$ 890.73	\$ 1,469.63	\$ 2,048.53	\$ 2,714.27	\$ 1,384.23	\$ 2,542.03	\$ 3,699.83	\$ 5,031.30	\$ 1,877.72	\$ 3,614.42	\$ 5,351.12	\$ 7,348.33
% Increase	35.63%	25.57%	16.35%	12.01%	9.21%	21.88%	12.21%	8.47%	6.26%	18.64%	9.36%	6.25%	4.52%	17.16%	8.24%	5.42%	3.89%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE GP
With Demands of 250 - 1,000 KW
At Average Levels of kWh Use

KW Demand	250	250	250	250	250	500	500	500	500	750	750	750	750	1,000	1,000	1,000	1,000
Total kW	250	250	250	250	250	500	500	500	500	750	750	750	750	1,000	1,000	1,000	1,000
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																	
rkVA	159	159	159	159	159	318	318	318	318	477	477	477	477	636	636	636	636
ENERGY USAGE																	
Monthly Energy Usage	0	25,000	75,000	125,000	182,500	50,000	150,000	250,000	365,000	75,000	225,000	375,000	547,500	100,000	300,000	500,000	730,000
Total Energy Usage	0	25,000	75,000	125,000	182,500	50,000	150,000	250,000	365,000	75,000	225,000	375,000	547,500	100,000	300,000	500,000	730,000

UNBUNDLED RATES - CURRENT

NUG Charge																	
All kWh @ -0.124 ¢/kWh	\$ -	\$ (31.00)	\$ (93.00)	\$ (155.00)	\$ (226.30)	\$ (62.00)	\$ (186.00)	\$ (310.00)	\$ (452.60)	\$ (93.00)	\$ (279.00)	\$ (465.00)	\$ (678.90)	\$ (124.00)	\$ (372.00)	\$ (620.00)	\$ (905.20)
Distribution																	
Distribution Charge @ \$292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49
All kW @ \$2.04/kW	\$ 510.00	\$ 510.00	\$ 510.00	\$ 510.00	\$ 510.00	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00	\$ 1,020.00	\$ 1,530.00	\$ 1,530.00	\$ 1,530.00	\$ 1,530.00	\$ 2,040.00	\$ 2,040.00	\$ 2,040.00	\$ 2,040.00
All rkVA @ \$ 0.078 /rkVA	\$ 12.41	\$ 12.41	\$ 12.41	\$ 12.41	\$ 12.41	\$ 24.81	\$ 24.81	\$ 24.81	\$ 24.81	\$ 37.22	\$ 37.22	\$ 37.22	\$ 37.22	\$ 49.62	\$ 49.62	\$ 49.62	\$ 49.62
Sub-Total	\$814.90	\$814.90	\$814.90	\$814.90	\$814.90	\$1,337.30	\$1,337.30	\$1,337.30	\$1,337.30	\$1,859.71	\$1,859.71	\$1,859.71	\$1,859.71	\$2,382.11	\$2,382.11	\$2,382.11	\$2,382.11
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00
Smart Meter Charge @ \$2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38
Default Service Support Charge @ \$ 0.520 /kW NSPL	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 260.00	\$ 260.00	\$ 260.00	\$ 260.00	\$ 390.00	\$ 390.00	\$ 390.00	\$ 390.00	\$ 520.00	\$ 520.00	\$ 520.00	\$ 520.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 6.75	\$ 20.25	\$ 33.75	\$ 49.28	\$ 13.50	\$ 40.50	\$ 67.50	\$ 98.55	\$ 20.25	\$ 60.75	\$ 101.25	\$ 147.83	\$ 27.00	\$ 81.00	\$ 135.00	\$ 197.10
Sub-Total	\$ 212.38	\$ 219.13	\$ 232.63	\$ 246.13	\$ 261.66	\$ 435.88	\$ 462.88	\$ 489.88	\$ 520.93	\$ 652.63	\$ 693.13	\$ 733.63	\$ 780.21	\$ 869.38	\$ 923.38	\$ 977.38	\$ 1,039.48
PTC Charge																	
All kWh @ \$ 0.05886 /kWh	\$ -	\$ 1,471.50	\$ 4,414.50	\$ 7,357.50	\$ 10,741.95	\$ 2,943.00	\$ 8,829.00	\$ 14,715.00	\$ 21,483.90	\$ 4,414.50	\$ 13,243.50	\$ 22,072.50	\$ 32,225.85	\$ 5,886.00	\$ 17,658.00	\$ 29,430.00	\$ 42,967.80
Sub Total	\$ 1,027.28	\$ 2,474.53	\$ 5,369.03	\$ 8,263.53	\$ 11,592.20	\$ 4,654.18	\$ 10,443.18	\$ 16,232.18	\$ 22,889.53	\$ 6,833.84	\$ 15,517.34	\$ 24,200.84	\$ 34,186.86	\$ 9,013.49	\$ 20,591.49	\$ 32,169.49	\$ 45,484.19
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 1,027.28	\$ 2,474.53	\$ 5,369.03	\$ 8,263.53	\$ 11,592.20	\$ 4,654.18	\$ 10,443.18	\$ 16,232.18	\$ 22,889.53	\$ 6,833.84	\$ 15,517.34	\$ 24,200.84	\$ 34,186.86	\$ 9,013.49	\$ 20,591.49	\$ 32,169.49	\$ 45,484.19

UNBUNDLED RATES - PROPOSED

NUG Charge																	
All kWh @ -0.124 ¢/kWh	\$ -	\$ (31.00)	\$ (93.00)	\$ (155.00)	\$ (226.30)	\$ (62.00)	\$ (186.00)	\$ (310.00)	\$ (452.60)	\$ (93.00)	\$ (279.00)	\$ (465.00)	\$ (678.90)	\$ (124.00)	\$ (372.00)	\$ (620.00)	\$ (905.20)
Distribution																	
Distribution Charge @ \$397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24
All kW @ \$3.12/kW	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	\$ 2,340.00	\$ 2,340.00	\$ 2,340.00	\$ 2,340.00	\$ 3,120.00	\$ 3,120.00	\$ 3,120.00	\$ 3,120.00
All rkVA @ \$0.190 /rkVA	\$ 30.22	\$ 30.22	\$ 30.22	\$ 30.22	\$ 30.22	\$ 60.44	\$ 60.44	\$ 60.44	\$ 60.44	\$ 90.66	\$ 90.66	\$ 90.66	\$ 90.66	\$ 120.88	\$ 120.88	\$ 120.88	\$ 120.88
Sub-Total	\$1,207.46	\$1,207.46	\$1,207.46	\$1,207.46	\$1,207.46	\$2,017.68	\$2,017.68	\$2,017.68	\$2,017.68	\$2,827.90	\$2,827.90	\$2,827.90	\$2,827.90	\$3,638.12	\$3,638.12	\$3,638.12	\$3,638.12
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 80.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 240.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ \$ 0.520 /kW NSPL	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 260.00	\$ 260.00	\$ 260.00	\$ 260.00	\$ 390.00	\$ 390.00	\$ 390.00	\$ 390.00	\$ 520.00	\$ 520.00	\$ 520.00	\$ 520.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 6.75	\$ 20.25	\$ 33.75	\$ 49.28	\$ 13.50	\$ 40.50	\$ 67.50	\$ 98.55	\$ 20.25	\$ 60.75	\$ 101.25	\$ 147.83	\$ 27.00	\$ 81.00	\$ 135.00	\$ 197.10
Sub-Total	\$ 210.00	\$ 216.75	\$ 230.25	\$ 243.75	\$ 259.28	\$ 433.50	\$ 460.50	\$ 487.50	\$ 518.55	\$ 650.25	\$ 690.75	\$ 731.25	\$ 777.83	\$ 867.00	\$ 921.00	\$ 975.00	\$ 1,037.10
PTC Charge																	
All kWh @ \$ 0.05886 /kWh	\$ -	\$ 1,471.50	\$ 4,414.50	\$ 7,357.50	\$ 10,741.95	\$ 2,943.00	\$ 8,829.00	\$ 14,715.00	\$ 21,483.90	\$ 4,414.50	\$ 13,243.50	\$ 22,072.50	\$ 32,225.85	\$ 5,886.00	\$ 17,658.00	\$ 29,430.00	\$ 42,967.80
Sub Total	\$ 1,417.46	\$ 2,864.71	\$ 5,759.21	\$ 8,653.71	\$ 11,982.39	\$ 5,332.18	\$ 11,121.18	\$ 16,910.18	\$ 23,567.53	\$ 7,799.65	\$ 16,483.15	\$ 25,166.65	\$ 35,152.68	\$ 10,267.12	\$ 21,845.12	\$ 33,423.12	\$ 46,737.82
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 1,417.46	\$ 2,864.71	\$ 5,759.21	\$ 8,653.71	\$ 11,982.39	\$ 5,332.18	\$ 11,121.18	\$ 16,910.18	\$ 23,567.53	\$ 7,799.65	\$ 16,483.15	\$ 25,166.65	\$ 35,152.68	\$ 10,267.12	\$ 21,845.12	\$ 33,423.12	\$ 46,737.82
% Increase	37.98%	15.77%	7.27%	4.72%	3.37%	14.57%	6.49%	4.18%	2.96%	14.13%	6.22%	3.99%	2.83%	13.91%	6.09%	3.90%	2.76%

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES**

**RATE GP
With Demands of 1,500 - 3,000 KW
At Average Levels of kWh Use**

KW Demand	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000	
Total kW	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000	
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730	
REACTIVE DEMAND																		
rkVA	954	954	954	954	954	1,272	1,272	1,272	1,272	1,591	1,591	1,591	1,591	1,909	1,909	1,909	1,909	
ENERGY USAGE																		
Monthly Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000	
Total Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000	
UNBUNDLED RATES - CURRENT																		
NUG Charge																		
All kWh @ -0.124 ¢/kWh	\$ -	\$ (186.00)	\$ (558.00)	\$ (930.00)	\$ (1,357.80)	\$ (248.00)	\$ (744.00)	\$ (1,240.00)	\$ (1,810.40)	\$ (310.00)	\$ (930.00)	\$ (1,550.00)	\$ (2,263.00)	\$ (372.00)	\$ (1,116.00)	\$ (1,860.00)	\$ (2,715.60)	
Distribution																		
Distribution Charge @ \$292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	\$ 292.49	
All kW @ \$2.04/kW	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 3,060.00	\$ 4,080.00	\$ 4,080.00	\$ 4,080.00	\$ 4,080.00	\$ 5,100.00	\$ 5,100.00	\$ 5,100.00	\$ 5,100.00	\$ 6,120.00	\$ 6,120.00	\$ 6,120.00	\$ 6,120.00	
All rkVA @ \$ 0.078 /rkVA	\$ 74.44	\$ 74.44	\$ 74.44	\$ 74.44	\$ 74.44	\$ 99.25	\$ 99.25	\$ 99.25	\$ 99.25	\$ 124.06	\$ 124.06	\$ 124.06	\$ 124.06	\$ 148.87	\$ 148.87	\$ 148.87	\$ 148.87	
Sub-Total	\$ 3,426.93	\$ 3,426.93	\$ 3,426.93	\$ 3,426.93	\$ 3,426.93	\$ 4,471.74	\$ 4,471.74	\$ 4,471.74	\$ 4,471.74	\$ 5,516.55	\$ 5,516.55	\$ 5,516.55	\$ 5,516.55	\$ 6,561.36	\$ 6,561.36	\$ 6,561.36	\$ 6,561.36	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 960.00	\$ 960.00	\$ 960.00	\$ 960.00	
Smart Meter Charge @ \$2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	\$ 2.38	
Default Service Support Charge @ \$ 0.520 /kW NSPL	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00	\$ 1,040.00	\$ 1,040.00	\$ 1,040.00	\$ 1,040.00	\$ 1,300.00	\$ 1,300.00	\$ 1,300.00	\$ 1,300.00	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 40.50	\$ 121.50	\$ 202.50	\$ 295.65	\$ 54.00	\$ 162.00	\$ 270.00	\$ 394.20	\$ 67.50	\$ 202.50	\$ 337.50	\$ 492.75	\$ 81.00	\$ 243.00	\$ 405.00	\$ 591.30	
Sub-Total	\$ 1,262.38	\$ 1,302.88	\$ 1,383.88	\$ 1,464.88	\$ 1,558.03	\$ 1,736.38	\$ 1,844.38	\$ 1,952.38	\$ 2,076.58	\$ 2,169.88	\$ 2,304.88	\$ 2,439.88	\$ 2,595.13	\$ 2,603.38	\$ 2,765.38	\$ 2,927.38	\$ 3,113.68	
PTC Charge																		
All kWh @ \$ 0.05886 /kWh	\$ -	\$ 8,829.00	\$ 26,487.00	\$ 44,145.00	\$ 64,451.70	\$ 11,772.00	\$ 35,316.00	\$ 58,860.00	\$ 85,935.60	\$ 14,715.00	\$ 44,145.00	\$ 73,575.00	\$ 107,419.50	\$ 17,658.00	\$ 52,974.00	\$ 88,290.00	\$ 128,903.40	
Sub Total	\$ 4,689.31	\$ 13,372.81	\$ 30,739.81	\$ 48,106.81	\$ 68,078.86	\$ 17,732.12	\$ 40,888.12	\$ 64,044.12	\$ 90,673.52	\$ 22,091.43	\$ 51,036.43	\$ 79,981.43	\$ 113,268.18	\$ 26,450.74	\$ 61,184.74	\$ 95,918.74	\$ 135,862.84	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 4,689.31	\$ 13,372.81	\$ 30,739.81	\$ 48,106.81	\$ 68,078.86	\$ 17,732.12	\$ 40,888.12	\$ 64,044.12	\$ 90,673.52	\$ 22,091.43	\$ 51,036.43	\$ 79,981.43	\$ 113,268.18	\$ 26,450.74	\$ 61,184.74	\$ 95,918.74	\$ 135,862.84	
UNBUNDLED RATES - PROPOSED																		
NUG Charge																		
All kWh @ -0.124 ¢/kWh	\$ -	\$ (186.00)	\$ (558.00)	\$ (930.00)	\$ (1,357.80)	\$ (248.00)	\$ (744.00)	\$ (1,240.00)	\$ (1,810.40)	\$ (310.00)	\$ (930.00)	\$ (1,550.00)	\$ (2,263.00)	\$ (372.00)	\$ (1,116.00)	\$ (1,860.00)	\$ (2,715.60)	
Distribution																		
Distribution Charge @ \$397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	\$ 397.24	
All kW @ \$3.12/kW	\$ 4,680.00	\$ 4,680.00	\$ 4,680.00	\$ 4,680.00	\$ 4,680.00	\$ 6,240.00	\$ 6,240.00	\$ 6,240.00	\$ 6,240.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 9,360.00	\$ 9,360.00	\$ 9,360.00	\$ 9,360.00	
All rkVA @ \$0.190 /rkVA	\$ 181.32	\$ 181.32	\$ 181.32	\$ 181.32	\$ 181.32	\$ 241.76	\$ 241.76	\$ 241.76	\$ 241.76	\$ 302.20	\$ 302.20	\$ 302.20	\$ 302.20	\$ 362.64	\$ 362.64	\$ 362.64	\$ 362.64	
Sub-Total	\$ 5,258.56	\$ 5,258.56	\$ 5,258.56	\$ 5,258.56	\$ 5,258.56	\$ 6,879.00	\$ 6,879.00	\$ 6,879.00	\$ 6,879.00	\$ 8,499.44	\$ 8,499.44	\$ 8,499.44	\$ 8,499.44	\$ 10,119.88	\$ 10,119.88	\$ 10,119.88	\$ 10,119.88	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 640.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 960.00	\$ 960.00	\$ 960.00	\$ 960.00	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ \$ 0.520 /kW NSPL	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00	\$ 1,040.00	\$ 1,040.00	\$ 1,040.00	\$ 1,040.00	\$ 1,300.00	\$ 1,300.00	\$ 1,300.00	\$ 1,300.00	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	\$ 1,560.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 40.50	\$ 121.50	\$ 202.50	\$ 295.65	\$ 54.00	\$ 162.00	\$ 270.00	\$ 394.20	\$ 67.50	\$ 202.50	\$ 337.50	\$ 492.75	\$ 81.00	\$ 243.00	\$ 405.00	\$ 591.30	
Sub-Total	\$ 1,260.00	\$ 1,300.50	\$ 1,381.50	\$ 1,462.50	\$ 1,555.65	\$ 1,734.00	\$ 1,842.00	\$ 1,950.00	\$ 2,074.20	\$ 2,167.50	\$ 2,302.50	\$ 2,437.50	\$ 2,592.75	\$ 2,601.00	\$ 2,763.00	\$ 2,925.00	\$ 3,111.30	
PTC Charge																		
All kWh @ \$ 0.05886 /kWh	\$ -	\$ 8,829.00	\$ 26,487.00	\$ 44,145.00	\$ 64,451.70	\$ 11,772.00	\$ 35,316.00	\$ 58,860.00	\$ 85,935.60	\$ 14,715.00	\$ 44,145.00	\$ 73,575.00	\$ 107,419.50	\$ 17,658.00	\$ 52,974.00	\$ 88,290.00	\$ 128,903.40	
Sub Total	\$ 6,518.56	\$ 15,202.06	\$ 32,569.06	\$ 49,936.06	\$ 69,908.11	\$ 20,137.00	\$ 43,293.00	\$ 66,449.00	\$ 93,078.40	\$ 25,071.94	\$ 54,016.94	\$ 82,961.94	\$ 116,248.69	\$ 30,006.88	\$ 64,740.88	\$ 99,474.88	\$ 139,418.98	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 6,518.56	\$ 15,202.06	\$ 32,569.06	\$ 49,936.06	\$ 69,908.11	\$ 20,137.00	\$ 43,293.00	\$ 66,449.00	\$ 93,078.40	\$ 25,071.94	\$ 54,016.94	\$ 82,961.94	\$ 116,248.69	\$ 30,006.88	\$ 64,740.88	\$ 99,474.88	\$ 139,418.98	
% Increase	39.01%	13.68%	5.95%	3.80%	2.69%	13.56%	5.88%	3.76%	2.65%	13.49%	5.84%	3.73%	2.63%	13.44%	5.81%	3.71%	2.62%	

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE LP
With Demands Up to 20,000 KW
At Average Levels of kWh Us:**

KW Demand																	
Total kW	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																	
rkVA	2,356	2,356	2,356	2,356	2,356	4,712	4,712	4,712	4,712	7,069	7,069	7,069	7,069	9,425	9,425	9,425	9,425
ENERGY USAGE																	
Monthly Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
Total Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000

UNBUNDLED RATES - CURRENT

NUG Charge																	
All kWh @ -0.414 ¢/kWh	\$ -	\$ (2,070.00)	\$ (6,210.00)	\$ (10,350.00)	\$ (15,111.00)	\$ (4,140.00)	\$ (12,420.00)	\$ (20,700.00)	\$ (30,222.00)	\$ (6,210.00)	\$ (18,630.00)	\$ (31,050.00)	\$ (45,333.00)	\$ (8,280.00)	\$ (24,840.00)	\$ (41,400.00)	\$ (60,444.00)
Distribution																	
Distribution Charge @ \$1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62
All kW @ \$1.52/kW	\$ 7,600.00	\$ 7,600.00	\$ 7,600.00	\$ 7,600.00	\$ 7,600.00	\$ 15,200.00	\$ 15,200.00	\$ 15,200.00	\$ 15,200.00	\$ 22,800.00	\$ 22,800.00	\$ 22,800.00	\$ 22,800.00	\$ 30,400.00	\$ 30,400.00	\$ 30,400.00	\$ 30,400.00
All rkVA @ \$0.061/rkVA	\$ 143.73	\$ 143.73	\$ 143.73	\$ 143.73	\$ 143.73	\$ 287.46	\$ 287.46	\$ 287.46	\$ 287.46	\$ 431.19	\$ 431.19	\$ 431.19	\$ 431.19	\$ 574.92	\$ 574.92	\$ 574.92	\$ 574.92
Sub-Total	\$ 8,982.35	\$ 8,982.35	\$ 8,982.35	\$ 8,982.35	\$ 8,982.35	\$ 16,726.08	\$ 16,726.08	\$ 16,726.08	\$ 16,726.08	\$ 24,469.81	\$ 24,469.81	\$ 24,469.81	\$ 24,469.81	\$ 32,213.54	\$ 32,213.54	\$ 32,213.54	\$ 32,213.54
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$0.00/kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$0.32/kW PLC	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00
Smart Meter Charge @ \$2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36
Default Service Support Charge @ \$0.495/kW NSPL	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 135.00	\$ 405.00	\$ 675.00	\$ 985.50	\$ 270.00	\$ 810.00	\$ 1,350.00	\$ 1,971.00	\$ 405.00	\$ 1,215.00	\$ 2,025.00	\$ 2,956.50	\$ 540.00	\$ 1,620.00	\$ 2,700.00	\$ 3,942.00
Sub-Total	\$ 4,077.36	\$ 4,212.36	\$ 4,482.36	\$ 4,752.36	\$ 5,062.86	\$ 8,422.36	\$ 8,962.36	\$ 9,502.36	\$ 10,123.36	\$ 12,632.36	\$ 13,442.36	\$ 14,252.36	\$ 15,183.86	\$ 16,842.36	\$ 17,922.36	\$ 19,002.36	\$ 20,244.36
PTC Charge																	
All kWh @ \$0.05600/kWh	\$ -	\$ 28,000.00	\$ 84,000.00	\$ 140,000.00	\$ 204,400.00	\$ 56,000.00	\$ 168,000.00	\$ 280,000.00	\$ 408,800.00	\$ 84,000.00	\$ 252,000.00	\$ 420,000.00	\$ 613,200.00	\$ 112,000.00	\$ 336,000.00	\$ 560,000.00	\$ 817,600.00
Sub Total	\$ 13,059.71	\$ 39,124.71	\$ 91,254.71	\$ 143,384.71	\$ 203,334.21	\$ 77,008.44	\$ 181,268.44	\$ 285,528.44	\$ 405,427.44	\$ 114,892.17	\$ 271,282.17	\$ 427,672.17	\$ 607,520.67	\$ 152,775.90	\$ 361,295.90	\$ 569,815.90	\$ 809,613.90
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 13,059.71	\$ 39,124.71	\$ 91,254.71	\$ 143,384.71	\$ 203,334.21	\$ 77,008.44	\$ 181,268.44	\$ 285,528.44	\$ 405,427.44	\$ 114,892.17	\$ 271,282.17	\$ 427,672.17	\$ 607,520.67	\$ 152,775.90	\$ 361,295.90	\$ 569,815.90	\$ 809,613.90

UNBUNDLED RATES - PROPOSED

NUG Charge																	
All kWh @ -0.414 ¢/kWh	\$ -	\$ (2,070.00)	\$ (6,210.00)	\$ (10,350.00)	\$ (15,111.00)	\$ (4,140.00)	\$ (12,420.00)	\$ (20,700.00)	\$ (30,222.00)	\$ (6,210.00)	\$ (18,630.00)	\$ (31,050.00)	\$ (45,333.00)	\$ (8,280.00)	\$ (24,840.00)	\$ (41,400.00)	\$ (60,444.00)
Distribution																	
Distribution Charge @ \$1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49
All kW @ \$1.75/kW	\$ 8,750.00	\$ 8,750.00	\$ 8,750.00	\$ 8,750.00	\$ 8,750.00	\$ 17,500.00	\$ 17,500.00	\$ 17,500.00	\$ 17,500.00	\$ 26,250.00	\$ 26,250.00	\$ 26,250.00	\$ 26,250.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00
All rkVA @ \$0.190/rkVA	\$ 447.68	\$ 447.68	\$ 447.68	\$ 447.68	\$ 447.68	\$ 895.36	\$ 895.36	\$ 895.36	\$ 895.36	\$ 1,343.04	\$ 1,343.04	\$ 1,343.04	\$ 1,343.04	\$ 1,790.72	\$ 1,790.72	\$ 1,790.72	\$ 1,790.72
Sub-Total	\$ 10,872.17	\$ 10,872.17	\$ 10,872.17	\$ 10,872.17	\$ 10,872.17	\$ 20,069.85	\$ 20,069.85	\$ 20,069.85	\$ 20,069.85	\$ 29,267.53	\$ 29,267.53	\$ 29,267.53	\$ 29,267.53	\$ 38,465.21	\$ 38,465.21	\$ 38,465.21	\$ 38,465.21
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$0.00/kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$0.32/kW PLC	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ \$0.495/kW NSPL	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 135.00	\$ 405.00	\$ 675.00	\$ 985.50	\$ 270.00	\$ 810.00	\$ 1,350.00	\$ 1,971.00	\$ 405.00	\$ 1,215.00	\$ 2,025.00	\$ 2,956.50	\$ 540.00	\$ 1,620.00	\$ 2,700.00	\$ 3,942.00
Sub-Total	\$ 4,075.00	\$ 4,210.00	\$ 4,480.00	\$ 4,750.00	\$ 5,060.50	\$ 8,420.00	\$ 8,960.00	\$ 9,500.00	\$ 10,121.00	\$ 12,630.00	\$ 13,440.00	\$ 14,250.00	\$ 15,181.50	\$ 16,840.00	\$ 17,920.00	\$ 19,000.00	\$ 20,242.00
PTC Charge																	
All kWh @ \$0.05600/kWh	\$ -	\$ 28,000.00	\$ 84,000.00	\$ 140,000.00	\$ 204,400.00	\$ 56,000.00	\$ 168,000.00	\$ 280,000.00	\$ 408,800.00	\$ 84,000.00	\$ 252,000.00	\$ 420,000.00	\$ 613,200.00	\$ 112,000.00	\$ 336,000.00	\$ 560,000.00	\$ 817,600.00
Sub Total	\$ 14,947.17	\$ 41,012.17	\$ 93,142.17	\$ 145,272.17	\$ 205,221.67	\$ 80,349.85	\$ 184,609.85	\$ 288,869.85	\$ 408,768.85	\$ 119,687.53	\$ 276,077.53	\$ 432,467.53	\$ 612,316.03	\$ 159,025.21	\$ 367,545.21	\$ 576,065.21	\$ 815,863.21
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 14,947.17	\$ 41,012.17	\$ 93,142.17	\$ 145,272.17	\$ 205,221.67	\$ 80,349.85	\$ 184,609.85	\$ 288,869.85	\$ 408,768.85	\$ 119,687.53	\$ 276,077.53	\$ 432,467.53	\$ 612,316.03	\$ 159,025.21	\$ 367,545.21	\$ 576,065.21	\$ 815,863.21
% Increase	14.45%	4.82%	2.07%	1.32%	0.93%	4.34%	1.84%	1.17%	0.82%	4.17%	1.77%	1.12%	0.79%	4.09%	1.73%	1.10%	0.77%

PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE LP
With Demands Over 20,000 KW
At Average Levels of kWh Use:

Penelec Exhibit KMS-6
 Witness: K.M. Siedt
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KW Demand																		
Total kW	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730	
REACTIVE DEMAND																		
rkVA	11,781	11,781	11,781	11,781	11,781	14,137	14,137	14,137	14,137	16,494	16,494	16,494	16,494	18,850	18,850	18,850	18,850	
ENERGY USAGE																		
Monthly Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000	
Total Energy Usage	-	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000	

UNBUNDLED RATES - CURRENT

NUG Charge																	
All kWh @ -0.414 ¢/kWh	\$ -	\$ (10,350.00)	\$ (31,050.00)	\$ (51,750.00)	\$ (75,555.00)	\$ (12,420.00)	\$ (37,260.00)	\$ (62,100.00)	\$ (90,666.00)	\$ (14,490.00)	\$ (43,470.00)	\$ (72,450.00)	\$ (105,777.00)	\$ (16,560.00)	\$ (49,680.00)	\$ (82,800.00)	\$ (120,888.00)
Distribution																	
Distribution Charge @ \$1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62
All kW @ \$1.52/kW	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00	\$ 45,600.00	\$ 45,600.00	\$ 45,600.00	\$ 45,600.00	\$ 53,200.00	\$ 53,200.00	\$ 53,200.00	\$ 53,200.00	\$ 60,800.00	\$ 60,800.00	\$ 60,800.00	\$ 60,800.00
All rKVA @ \$ 0.061 /rKVA	\$ 718.65	\$ 718.65	\$ 718.65	\$ 718.65	\$ 718.65	\$ 862.37	\$ 862.37	\$ 862.37	\$ 862.37	\$ 1,006.10	\$ 1,006.10	\$ 1,006.10	\$ 1,006.10	\$ 1,149.83	\$ 1,149.83	\$ 1,149.83	\$ 1,149.83
Sub-Total	\$ 39,957.27	\$ 39,957.27	\$ 39,957.27	\$ 39,957.27	\$ 39,957.27	\$ 47,700.99	\$ 47,700.99	\$ 47,700.99	\$ 47,700.99	\$ 55,444.72	\$ 55,444.72	\$ 55,444.72	\$ 55,444.72	\$ 63,188.45	\$ 63,188.45	\$ 63,188.45	\$ 63,188.45
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00
Smart Meter Charge @ \$2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 675.00	\$ 2,025.00	\$ 3,375.00	\$ 4,927.50	\$ 810.00	\$ 2,430.00	\$ 4,050.00	\$ 5,913.00	\$ 945.00	\$ 2,835.00	\$ 4,725.00	\$ 6,898.50	\$ 1,080.00	\$ 3,240.00	\$ 5,400.00	\$ 7,884.00
Sub-Total	\$ 20,377.36	\$ 21,052.36	\$ 22,402.36	\$ 23,752.36	\$ 25,304.86	\$ 25,262.36	\$ 26,882.36	\$ 28,502.36	\$ 30,363.36	\$ 29,472.36	\$ 31,362.36	\$ 33,252.36	\$ 35,425.86	\$ 33,682.36	\$ 35,842.36	\$ 38,002.36	\$ 40,486.36
PTC Charge																	
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 140,000.00	\$ 420,000.00	\$ 700,000.00	\$ 1,022,000.00	\$ 168,000.00	\$ 504,000.00	\$ 840,000.00	\$ 1,226,400.00	\$ 196,000.00	\$ 588,000.00	\$ 980,000.00	\$ 1,430,800.00	\$ 224,000.00	\$ 672,000.00	\$ 1,120,000.00	\$ 1,635,200.00
Sub Total	\$ 60,334.63	\$ 190,659.63	\$ 451,309.63	\$ 711,959.63	\$ 1,011,707.13	\$ 228,543.35	\$ 541,323.35	\$ 854,103.35	\$ 1,213,800.35	\$ 266,427.08	\$ 631,337.08	\$ 996,247.08	\$ 1,415,893.58	\$ 304,310.81	\$ 721,350.81	\$ 1,138,390.81	\$ 1,617,986.81
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 60,334.63	\$ 190,659.63	\$ 451,309.63	\$ 711,959.63	\$ 1,011,707.13	\$ 228,543.35	\$ 541,323.35	\$ 854,103.35	\$ 1,213,800.35	\$ 266,427.08	\$ 631,337.08	\$ 996,247.08	\$ 1,415,893.58	\$ 304,310.81	\$ 721,350.81	\$ 1,138,390.81	\$ 1,617,986.81

UNBUNDLED RATES - PROPOSED

NUG Charge																	
All kWh @ -0.414 ¢/kWh	\$ -	\$ (10,350.00)	\$ (31,050.00)	\$ (51,750.00)	\$ (75,555.00)	\$ (12,420.00)	\$ (37,260.00)	\$ (62,100.00)	\$ (90,666.00)	\$ (14,490.00)	\$ (43,470.00)	\$ (72,450.00)	\$ (105,777.00)	\$ (16,560.00)	\$ (49,680.00)	\$ (82,800.00)	\$ (120,888.00)
Distribution																	
Distribution Charge @ \$1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49
All kW @ \$1.75/kW	\$ 43,750.00	\$ 43,750.00	\$ 43,750.00	\$ 43,750.00	\$ 43,750.00	\$ 52,500.00	\$ 52,500.00	\$ 52,500.00	\$ 52,500.00	\$ 61,250.00	\$ 61,250.00	\$ 61,250.00	\$ 61,250.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00
All rKVA @ \$ 0.190 /rKVA	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,686.09	\$ 2,686.09	\$ 2,686.09	\$ 2,686.09	\$ 3,133.77	\$ 3,133.77	\$ 3,133.77	\$ 3,133.77	\$ 3,581.45	\$ 3,581.45	\$ 3,581.45	\$ 3,581.45
Sub-Total	\$ 47,662.89	\$ 47,662.89	\$ 47,662.89	\$ 47,662.89	\$ 47,662.89	\$ 56,860.58	\$ 56,860.58	\$ 56,860.58	\$ 56,860.58	\$ 66,058.26	\$ 66,058.26	\$ 66,058.26	\$ 66,058.26	\$ 75,255.94	\$ 75,255.94	\$ 75,255.94	\$ 75,255.94
Riders																	
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 675.00	\$ 2,025.00	\$ 3,375.00	\$ 4,927.50	\$ 810.00	\$ 2,430.00	\$ 4,050.00	\$ 5,913.00	\$ 945.00	\$ 2,835.00	\$ 4,725.00	\$ 6,898.50	\$ 1,080.00	\$ 3,240.00	\$ 5,400.00	\$ 7,884.00
Sub-Total	\$ 20,375.00	\$ 21,050.00	\$ 22,400.00	\$ 23,750.00	\$ 25,302.50	\$ 25,260.00	\$ 26,880.00	\$ 28,500.00	\$ 30,363.00	\$ 29,470.00	\$ 31,360.00	\$ 33,250.00	\$ 35,423.50	\$ 33,680.00	\$ 35,840.00	\$ 38,000.00	\$ 40,484.00
PTC Charge																	
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 140,000.00	\$ 420,000.00	\$ 700,000.00	\$ 1,022,000.00	\$ 168,000.00	\$ 504,000.00	\$ 840,000.00	\$ 1,226,400.00	\$ 196,000.00	\$ 588,000.00	\$ 980,000.00	\$ 1,430,800.00	\$ 224,000.00	\$ 672,000.00	\$ 1,120,000.00	\$ 1,635,200.00
Sub Total	\$ 68,037.89	\$ 198,362.89	\$ 459,012.89	\$ 719,662.89	\$ 1,019,410.39	\$ 237,700.58	\$ 550,480.58	\$ 863,260.58	\$ 1,222,957.58	\$ 277,038.26	\$ 641,948.26	\$ 1,006,858.26	\$ 1,426,504.76	\$ 316,375.94	\$ 733,415.94	\$ 1,150,455.94	\$ 1,630,051.94
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 68,037.89	\$ 198,362.89	\$ 459,012.89	\$ 719,662.89	\$ 1,019,410.39	\$ 237,700.58	\$ 550,480.58	\$ 863,260.58	\$ 1,222,957.58	\$ 277,038.26	\$ 641,948.26	\$ 1,006,858.26	\$ 1,426,504.76	\$ 316,375.94	\$ 733,415.94	\$ 1,150,455.94	\$ 1,630,051.94
% Increase	12.77%	4.04%	1.71%	1.08%	0.76%	4.01%	1.69%	1.07%	0.75%	3.98%	1.68%	1.07%	0.75%	3.96%	1.67%	1.06%	0.75%

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE LP 115 KV OR GREATER DISCOUNT
With Demands Up to 20,000 KW
At Average Levels of kWh Use**

KW Demand	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	
Total kW	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730	
REACTIVE DEMAND																		
rkVA	2,356	2,356	2,356	2,356	2,356	4,712	4,712	4,712	4,712	7,069	7,069	7,069	7,069	9,425	9,425	9,425	9,425	
ENERGY USAGE																		
Monthly Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000	
Total Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000	
UNBUNDLED RATES - CURRENT																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (2,070.00)	\$ (6,210.00)	\$ (10,350.00)	\$ (15,111.00)	\$ (4,140.00)	\$ (12,420.00)	\$ (20,700.00)	\$ (30,222.00)	\$ (6,210.00)	\$ (18,630.00)	\$ (31,050.00)	\$ (45,333.00)	\$ (8,280.00)	\$ (24,840.00)	\$ (41,400.00)	\$ (60,444.00)	
Distribution																		
Distribution Charge @ \$1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	
All kW @ \$0.21/kW	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 2,100.00	\$ 2,100.00	\$ 2,100.00	\$ 2,100.00	\$ 3,150.00	\$ 3,150.00	\$ 3,150.00	\$ 3,150.00	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	
All rkVA @ \$ 0.061 /rkVA	\$ 143.73	\$ 143.73	\$ 143.73	\$ 143.73	\$ 143.73	\$ 287.46	\$ 287.46	\$ 287.46	\$ 287.46	\$ 431.19	\$ 431.19	\$ 431.19	\$ 431.19	\$ 574.92	\$ 574.92	\$ 574.92	\$ 574.92	
Sub-Total	\$ 2,432.35	\$ 2,432.35	\$ 2,432.35	\$ 2,432.35	\$ 2,432.35	\$ 3,626.08	\$ 3,626.08	\$ 3,626.08	\$ 3,626.08	\$ 4,819.81	\$ 4,819.81	\$ 4,819.81	\$ 4,819.81	\$ 6,013.54	\$ 6,013.54	\$ 6,013.54	\$ 6,013.54	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	
Smart Meter Charge @ \$2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 135.00	\$ 405.00	\$ 675.00	\$ 985.50	\$ 270.00	\$ 810.00	\$ 1,350.00	\$ 1,971.00	\$ 405.00	\$ 1,215.00	\$ 2,025.00	\$ 2,956.50	\$ 540.00	\$ 1,620.00	\$ 2,700.00	\$ 3,942.00	
Sub-Total	\$ 4,077.36	\$ 4,212.36	\$ 4,482.36	\$ 4,752.36	\$ 5,062.86	\$ 8,422.36	\$ 8,962.36	\$ 9,502.36	\$ 10,123.36	\$ 12,632.36	\$ 13,442.36	\$ 14,252.36	\$ 15,183.86	\$ 16,842.36	\$ 17,922.36	\$ 19,002.36	\$ 20,244.36	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 28,000.00	\$ 84,000.00	\$ 140,000.00	\$ 204,400.00	\$ 56,000.00	\$ 168,000.00	\$ 280,000.00	\$ 408,800.00	\$ 84,000.00	\$ 252,000.00	\$ 420,000.00	\$ 613,200.00	\$ 112,000.00	\$ 336,000.00	\$ 560,000.00	\$ 817,600.00	
Sub Total	\$ 6,509.71	\$ 32,574.71	\$ 84,704.71	\$ 136,834.71	\$ 196,784.21	\$ 63,908.44	\$ 168,168.44	\$ 272,428.44	\$ 392,327.44	\$ 95,242.17	\$ 251,632.17	\$ 408,022.17	\$ 587,870.67	\$ 126,575.90	\$ 335,095.90	\$ 543,615.90	\$ 783,413.90	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 6,509.71	\$ 32,574.71	\$ 84,704.71	\$ 136,834.71	\$ 196,784.21	\$ 63,908.44	\$ 168,168.44	\$ 272,428.44	\$ 392,327.44	\$ 95,242.17	\$ 251,632.17	\$ 408,022.17	\$ 587,870.67	\$ 126,575.90	\$ 335,095.90	\$ 543,615.90	\$ 783,413.90	
UNBUNDLED RATES - PROPOSED																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (2,070.00)	\$ (6,210.00)	\$ (10,350.00)	\$ (15,111.00)	\$ (4,140.00)	\$ (12,420.00)	\$ (20,700.00)	\$ (30,222.00)	\$ (6,210.00)	\$ (18,630.00)	\$ (31,050.00)	\$ (45,333.00)	\$ (8,280.00)	\$ (24,840.00)	\$ (41,400.00)	\$ (60,444.00)	
Distribution																		
Distribution Charge @ \$1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	
All kW @ \$1.22/kW	\$ 6,100.00	\$ 6,100.00	\$ 6,100.00	\$ 6,100.00	\$ 6,100.00	\$ 12,200.00	\$ 12,200.00	\$ 12,200.00	\$ 12,200.00	\$ 18,300.00	\$ 18,300.00	\$ 18,300.00	\$ 18,300.00	\$ 24,400.00	\$ 24,400.00	\$ 24,400.00	\$ 24,400.00	
All rkVA @ \$ 0.190 /rkVA	\$ 447.68	\$ 447.68	\$ 447.68	\$ 447.68	\$ 447.68	\$ 895.36	\$ 895.36	\$ 895.36	\$ 895.36	\$ 1,343.04	\$ 1,343.04	\$ 1,343.04	\$ 1,343.04	\$ 1,790.72	\$ 1,790.72	\$ 1,790.72	\$ 1,790.72	
Sub-Total	\$ 8,222.17	\$ 8,222.17	\$ 8,222.17	\$ 8,222.17	\$ 8,222.17	\$ 14,769.85	\$ 14,769.85	\$ 14,769.85	\$ 14,769.85	\$ 21,317.53	\$ 21,317.53	\$ 21,317.53	\$ 21,317.53	\$ 27,865.21	\$ 27,865.21	\$ 27,865.21	\$ 27,865.21	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 135.00	\$ 405.00	\$ 675.00	\$ 985.50	\$ 270.00	\$ 810.00	\$ 1,350.00	\$ 1,971.00	\$ 405.00	\$ 1,215.00	\$ 2,025.00	\$ 2,956.50	\$ 540.00	\$ 1,620.00	\$ 2,700.00	\$ 3,942.00	
Sub-Total	\$ 4,075.00	\$ 4,210.00	\$ 4,480.00	\$ 4,750.00	\$ 5,060.50	\$ 8,420.00	\$ 8,960.00	\$ 9,500.00	\$ 10,121.00	\$ 12,630.00	\$ 13,440.00	\$ 14,250.00	\$ 15,181.50	\$ 16,840.00	\$ 17,920.00	\$ 19,000.00	\$ 20,242.00	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 28,000.00	\$ 84,000.00	\$ 140,000.00	\$ 204,400.00	\$ 56,000.00	\$ 168,000.00	\$ 280,000.00	\$ 408,800.00	\$ 84,000.00	\$ 252,000.00	\$ 420,000.00	\$ 613,200.00	\$ 112,000.00	\$ 336,000.00	\$ 560,000.00	\$ 817,600.00	
Sub Total	\$ 12,297.17	\$ 38,362.17	\$ 90,492.17	\$ 142,622.17	\$ 202,571.67	\$ 75,049.85	\$ 179,309.85	\$ 283,569.85	\$ 403,468.85	\$ 111,737.53	\$ 268,127.53	\$ 424,517.53	\$ 604,366.03	\$ 148,425.21	\$ 356,945.21	\$ 565,465.21	\$ 805,263.21	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 12,297.17	\$ 38,362.17	\$ 90,492.17	\$ 142,622.17	\$ 202,571.67	\$ 75,049.85	\$ 179,309.85	\$ 283,569.85	\$ 403,468.85	\$ 111,737.53	\$ 268,127.53	\$ 424,517.53	\$ 604,366.03	\$ 148,425.21	\$ 356,945.21	\$ 565,465.21	\$ 805,263.21	
% Increase	88.91%	17.77%	6.83%	4.23%	2.94%	17.43%	6.63%	4.09%	2.84%	17.32%	6.56%	4.04%	2.81%	17.26%	6.52%	4.02%	2.79%	

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE LP 115 KV OR GREATER DISCOUNT
With Demands Over 20,000 KW
At Average Levels of kWh Use**

KW Demand	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	
Total kW	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730	
REACTIVE DEMAND																		
rkVA	11,781	11,781	11,781	11,781	11,781	14,137	14,137	14,137	14,137	16,494	16,494	16,494	16,494	18,850	18,850	18,850	18,850	
ENERGY USAGE																		
Monthly Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000	
Total Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000	
UNBUNDLED RATES - CURRENT																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (10,350.00)	\$ (31,050.00)	\$ (51,750.00)	\$ (75,555.00)	\$ (12,420.00)	\$ (37,260.00)	\$ (62,100.00)	\$ (90,666.00)	\$ (14,490.00)	\$ (43,470.00)	\$ (72,450.00)	\$ (105,777.00)	\$ (16,560.00)	\$ (49,680.00)	\$ (82,800.00)	\$ (120,888.00)	
Distribution																		
Distribution Charge @ \$1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	
All kW @ \$0.21/kW	\$ 5,250.00	\$ 5,250.00	\$ 5,250.00	\$ 5,250.00	\$ 5,250.00	\$ 6,300.00	\$ 6,300.00	\$ 6,300.00	\$ 6,300.00	\$ 7,350.00	\$ 7,350.00	\$ 7,350.00	\$ 7,350.00	\$ 8,400.00	\$ 8,400.00	\$ 8,400.00	\$ 8,400.00	
All rKVA @ \$ 0.061 /rKVA	\$ 718.65	\$ 718.65	\$ 718.65	\$ 718.65	\$ 718.65	\$ 862.37	\$ 862.37	\$ 862.37	\$ 862.37	\$ 1,006.10	\$ 1,006.10	\$ 1,006.10	\$ 1,006.10	\$ 1,149.83	\$ 1,149.83	\$ 1,149.83	\$ 1,149.83	
Sub-Total	\$ 7,207.27	\$ 7,207.27	\$ 7,207.27	\$ 7,207.27	\$ 7,207.27	\$ 8,400.99	\$ 8,400.99	\$ 8,400.99	\$ 8,400.99	\$ 9,594.72	\$ 9,594.72	\$ 9,594.72	\$ 9,594.72	\$ 10,788.45	\$ 10,788.45	\$ 10,788.45	\$ 10,788.45	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	
Smart Meter Charge @ \$2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 675.00	\$ 2,025.00	\$ 3,375.00	\$ 4,927.50	\$ 810.00	\$ 2,430.00	\$ 4,050.00	\$ 5,913.00	\$ 945.00	\$ 2,835.00	\$ 4,725.00	\$ 6,898.50	\$ 1,080.00	\$ 3,240.00	\$ 5,400.00	\$ 7,884.00	
Sub-Total	\$ 20,377.36	\$ 21,052.36	\$ 22,402.36	\$ 23,752.36	\$ 25,304.86	\$ 25,262.36	\$ 26,882.36	\$ 28,502.36	\$ 30,365.36	\$ 29,472.36	\$ 31,362.36	\$ 33,252.36	\$ 35,425.86	\$ 33,682.36	\$ 35,842.36	\$ 38,002.36	\$ 40,486.36	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 140,000.00	\$ 420,000.00	\$ 700,000.00	\$ 1,022,000.00	\$ 168,000.00	\$ 504,000.00	\$ 840,000.00	\$ 1,226,400.00	\$ 196,000.00	\$ 588,000.00	\$ 980,000.00	\$ 1,430,800.00	\$ 224,000.00	\$ 672,000.00	\$ 1,120,000.00	\$ 1,635,200.00	
Sub Total	\$ 27,584.63	\$ 157,909.63	\$ 418,559.63	\$ 679,209.63	\$ 978,957.13	\$ 189,243.35	\$ 502,023.35	\$ 814,803.35	\$ 1,174,500.35	\$ 220,577.08	\$ 585,487.08	\$ 950,397.08	\$ 1,370,043.58	\$ 251,910.81	\$ 668,950.81	\$ 1,085,990.81	\$ 1,565,586.81	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 27,584.63	\$ 157,909.63	\$ 418,559.63	\$ 679,209.63	\$ 978,957.13	\$ 189,243.35	\$ 502,023.35	\$ 814,803.35	\$ 1,174,500.35	\$ 220,577.08	\$ 585,487.08	\$ 950,397.08	\$ 1,370,043.58	\$ 251,910.81	\$ 668,950.81	\$ 1,085,990.81	\$ 1,565,586.81	
UNBUNDLED RATES - PROPOSED																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (10,350.00)	\$ (31,050.00)	\$ (51,750.00)	\$ (75,555.00)	\$ (12,420.00)	\$ (37,260.00)	\$ (62,100.00)	\$ (90,666.00)	\$ (14,490.00)	\$ (43,470.00)	\$ (72,450.00)	\$ (105,777.00)	\$ (16,560.00)	\$ (49,680.00)	\$ (82,800.00)	\$ (120,888.00)	
Distribution																		
Distribution Charge @ \$1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	
All kW @ \$1.22/kW	\$ 30,500.00	\$ 30,500.00	\$ 30,500.00	\$ 30,500.00	\$ 30,500.00	\$ 36,600.00	\$ 36,600.00	\$ 36,600.00	\$ 36,600.00	\$ 42,700.00	\$ 42,700.00	\$ 42,700.00	\$ 42,700.00	\$ 48,800.00	\$ 48,800.00	\$ 48,800.00	\$ 48,800.00	
All rKVA @ \$ 0.190 /rKVA	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,686.09	\$ 2,686.09	\$ 2,686.09	\$ 2,686.09	\$ 3,133.77	\$ 3,133.77	\$ 3,133.77	\$ 3,133.77	\$ 3,581.45	\$ 3,581.45	\$ 3,581.45	\$ 3,581.45	
Sub-Total	\$ 34,412.89	\$ 34,412.89	\$ 34,412.89	\$ 34,412.89	\$ 34,412.89	\$ 40,960.58	\$ 40,960.58	\$ 40,960.58	\$ 40,960.58	\$ 47,508.26	\$ 47,508.26	\$ 47,508.26	\$ 47,508.26	\$ 54,055.94	\$ 54,055.94	\$ 54,055.94	\$ 54,055.94	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 675.00	\$ 2,025.00	\$ 3,375.00	\$ 4,927.50	\$ 810.00	\$ 2,430.00	\$ 4,050.00	\$ 5,913.00	\$ 945.00	\$ 2,835.00	\$ 4,725.00	\$ 6,898.50	\$ 1,080.00	\$ 3,240.00	\$ 5,400.00	\$ 7,884.00	
Sub-Total	\$ 20,375.00	\$ 21,050.00	\$ 22,400.00	\$ 23,750.00	\$ 25,302.50	\$ 25,260.00	\$ 26,880.00	\$ 28,500.00	\$ 30,363.00	\$ 29,470.00	\$ 31,360.00	\$ 33,250.00	\$ 35,423.50	\$ 33,680.00	\$ 35,840.00	\$ 38,000.00	\$ 40,484.00	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 140,000.00	\$ 420,000.00	\$ 700,000.00	\$ 1,022,000.00	\$ 168,000.00	\$ 504,000.00	\$ 840,000.00	\$ 1,226,400.00	\$ 196,000.00	\$ 588,000.00	\$ 980,000.00	\$ 1,430,800.00	\$ 224,000.00	\$ 672,000.00	\$ 1,120,000.00	\$ 1,635,200.00	
Sub Total	\$ 54,787.89	\$ 185,112.89	\$ 445,762.89	\$ 706,412.89	\$ 1,006,160.39	\$ 221,800.58	\$ 534,580.58	\$ 847,360.58	\$ 1,207,057.58	\$ 258,488.26	\$ 623,398.26	\$ 988,308.26	\$ 1,407,954.76	\$ 295,175.94	\$ 712,215.94	\$ 1,129,255.94	\$ 1,608,851.94	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 54,787.89	\$ 185,112.89	\$ 445,762.89	\$ 706,412.89	\$ 1,006,160.39	\$ 221,800.58	\$ 534,580.58	\$ 847,360.58	\$ 1,207,057.58	\$ 258,488.26	\$ 623,398.26	\$ 988,308.26	\$ 1,407,954.76	\$ 295,175.94	\$ 712,215.94	\$ 1,129,255.94	\$ 1,608,851.94	
% Increase	98.62%	17.23%	6.50%	4.01%	2.78%	17.20%	6.49%	4.00%	2.77%	17.19%	6.48%	3.99%	2.77%	17.17%	6.47%	3.98%	2.76%	

**METROPOLITAN EDISON COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE LP 230 KV OR GREATER DISCOUNT
With Demands Up to 20,000 KW
At Average Levels of kWh Use**

KW Demand	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	
Total kW	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730	
REACTIVE DEMAND																		
rkVA	2,356	2,356	2,356	2,356	2,356	4,712	4,712	4,712	4,712	7,069	7,069	7,069	7,069	9,425	9,425	9,425	9,425	
ENERGY USAGE																		
Monthly Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000	
Total Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000	
UNBUNDLED RATES - CURRENT																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (2,070.00)	\$ (6,210.00)	\$ (10,350.00)	\$ (15,111.00)	\$ (4,140.00)	\$ (12,420.00)	\$ (20,700.00)	\$ (30,222.00)	\$ (6,210.00)	\$ (18,630.00)	\$ (31,050.00)	\$ (45,333.00)	\$ (8,280.00)	\$ (24,840.00)	\$ (41,400.00)	\$ (60,444.00)	
Distribution																		
Distribution Charge @ \$1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	
All kW @ \$0.47/kW	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 2,350.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00	\$ 4,700.00	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 7,050.00	\$ 9,400.00	\$ 9,400.00	\$ 9,400.00	\$ 9,400.00	
All rkVA @ \$ 0.061 /rkVA	\$ 143.73	\$ 143.73	\$ 143.73	\$ 143.73	\$ 143.73	\$ 287.46	\$ 287.46	\$ 287.46	\$ 287.46	\$ 431.19	\$ 431.19	\$ 431.19	\$ 431.19	\$ 574.92	\$ 574.92	\$ 574.92	\$ 574.92	
Sub-Total	\$ 3,732.35	\$ 3,732.35	\$ 3,732.35	\$ 3,732.35	\$ 3,732.35	\$ 6,226.08	\$ 6,226.08	\$ 6,226.08	\$ 6,226.08	\$ 8,719.81	\$ 8,719.81	\$ 8,719.81	\$ 8,719.81	\$ 11,213.54	\$ 11,213.54	\$ 11,213.54	\$ 11,213.54	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	
Smart Meter Charge @ \$2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 135.00	\$ 405.00	\$ 675.00	\$ 985.50	\$ 270.00	\$ 810.00	\$ 1,350.00	\$ 1,971.00	\$ 405.00	\$ 1,215.00	\$ 2,025.00	\$ 2,956.50	\$ 540.00	\$ 1,620.00	\$ 2,700.00	\$ 3,942.00	
Sub-Total	\$ 4,077.36	\$ 4,212.36	\$ 4,482.36	\$ 4,752.36	\$ 5,062.86	\$ 8,422.36	\$ 8,962.36	\$ 9,502.36	\$ 10,123.36	\$ 12,632.36	\$ 13,442.36	\$ 14,252.36	\$ 15,183.86	\$ 16,842.36	\$ 17,922.36	\$ 19,002.36	\$ 20,244.36	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 28,000.00	\$ 84,000.00	\$ 140,000.00	\$ 204,400.00	\$ 56,000.00	\$ 168,000.00	\$ 280,000.00	\$ 408,800.00	\$ 84,000.00	\$ 252,000.00	\$ 420,000.00	\$ 613,200.00	\$ 112,000.00	\$ 336,000.00	\$ 560,000.00	\$ 817,600.00	
Sub Total	\$ 7,809.71	\$ 33,874.71	\$ 86,004.71	\$ 138,134.71	\$ 198,084.21	\$ 66,508.44	\$ 170,768.44	\$ 275,028.44	\$ 394,927.44	\$ 99,142.17	\$ 255,532.17	\$ 411,922.17	\$ 591,770.67	\$ 131,775.90	\$ 340,295.90	\$ 548,815.90	\$ 788,613.90	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 7,809.71	\$ 33,874.71	\$ 86,004.71	\$ 138,134.71	\$ 198,084.21	\$ 66,508.44	\$ 170,768.44	\$ 275,028.44	\$ 394,927.44	\$ 99,142.17	\$ 255,532.17	\$ 411,922.17	\$ 591,770.67	\$ 131,775.90	\$ 340,295.90	\$ 548,815.90	\$ 788,613.90	
UNBUNDLED RATES - PROPOSED																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (2,070.00)	\$ (6,210.00)	\$ (10,350.00)	\$ (15,111.00)	\$ (4,140.00)	\$ (12,420.00)	\$ (20,700.00)	\$ (30,222.00)	\$ (6,210.00)	\$ (18,630.00)	\$ (31,050.00)	\$ (45,333.00)	\$ (8,280.00)	\$ (24,840.00)	\$ (41,400.00)	\$ (60,444.00)	
Distribution																		
Distribution Charge @ \$1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	
All kW @ \$1.22/kW	\$ 6,100.00	\$ 6,100.00	\$ 6,100.00	\$ 6,100.00	\$ 6,100.00	\$ 12,200.00	\$ 12,200.00	\$ 12,200.00	\$ 12,200.00	\$ 18,300.00	\$ 18,300.00	\$ 18,300.00	\$ 18,300.00	\$ 24,400.00	\$ 24,400.00	\$ 24,400.00	\$ 24,400.00	
All rkVA @ \$ 0.190 /rkVA	\$ 447.68	\$ 447.68	\$ 447.68	\$ 447.68	\$ 447.68	\$ 895.36	\$ 895.36	\$ 895.36	\$ 895.36	\$ 1,343.04	\$ 1,343.04	\$ 1,343.04	\$ 1,343.04	\$ 1,790.72	\$ 1,790.72	\$ 1,790.72	\$ 1,790.72	
Sub-Total	\$ 8,222.17	\$ 8,222.17	\$ 8,222.17	\$ 8,222.17	\$ 8,222.17	\$ 14,769.85	\$ 14,769.85	\$ 14,769.85	\$ 14,769.85	\$ 21,317.53	\$ 21,317.53	\$ 21,317.53	\$ 21,317.53	\$ 27,865.21	\$ 27,865.21	\$ 27,865.21	\$ 27,865.21	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	\$ 6,400.00	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 2,475.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 4,950.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 7,425.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	\$ 9,900.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 135.00	\$ 405.00	\$ 675.00	\$ 985.50	\$ 270.00	\$ 810.00	\$ 1,350.00	\$ 1,971.00	\$ 405.00	\$ 1,215.00	\$ 2,025.00	\$ 2,956.50	\$ 540.00	\$ 1,620.00	\$ 2,700.00	\$ 3,942.00	
Sub-Total	\$ 4,075.00	\$ 4,210.00	\$ 4,480.00	\$ 4,750.00	\$ 5,060.50	\$ 8,420.00	\$ 8,960.00	\$ 9,500.00	\$ 10,121.00	\$ 12,630.00	\$ 13,440.00	\$ 14,250.00	\$ 15,181.50	\$ 16,840.00	\$ 17,920.00	\$ 19,000.00	\$ 20,242.00	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 28,000.00	\$ 84,000.00	\$ 140,000.00	\$ 204,400.00	\$ 56,000.00	\$ 168,000.00	\$ 280,000.00	\$ 408,800.00	\$ 84,000.00	\$ 252,000.00	\$ 420,000.00	\$ 613,200.00	\$ 112,000.00	\$ 336,000.00	\$ 560,000.00	\$ 817,600.00	
Sub Total	\$ 12,297.17	\$ 38,362.17	\$ 90,492.17	\$ 142,622.17	\$ 202,571.67	\$ 75,049.85	\$ 179,309.85	\$ 283,569.85	\$ 403,468.85	\$ 111,737.53	\$ 268,127.53	\$ 424,517.53	\$ 604,366.03	\$ 148,425.21	\$ 356,945.21	\$ 565,465.21	\$ 805,263.21	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 12,297.17	\$ 38,362.17	\$ 90,492.17	\$ 142,622.17	\$ 202,571.67	\$ 75,049.85	\$ 179,309.85	\$ 283,569.85	\$ 403,468.85	\$ 111,737.53	\$ 268,127.53	\$ 424,517.53	\$ 604,366.03	\$ 148,425.21	\$ 356,945.21	\$ 565,465.21	\$ 805,263.21	
% Increase	57.46%	13.25%	5.22%	3.25%	2.27%	12.84%	5.00%	3.11%	2.16%	12.70%	4.93%	3.06%	2.13%	12.63%	4.89%	3.03%	2.11%	

METROPOLITAN EDISON COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE LP 230 KV OR GREATER DISCOUNT
With Demands Over 20,000 KW
At Average Levels of kWh Use

KW Demand	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	
Total kW	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730	
REACTIVE DEMAND																		
rkVA	11,781	11,781	11,781	11,781	11,781	14,137	14,137	14,137	14,137	16,494	16,494	16,494	16,494	18,850	18,850	18,850	18,850	
ENERGY USAGE																		
Monthly Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000	
Total Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000	
UNBUNDLED RATES - CURRENT																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (10,350.00)	\$ (31,050.00)	\$ (51,750.00)	\$ (75,555.00)	\$ (12,420.00)	\$ (37,260.00)	\$ (62,100.00)	\$ (90,666.00)	\$ (14,490.00)	\$ (43,470.00)	\$ (72,450.00)	\$ (105,777.00)	\$ (16,560.00)	\$ (49,680.00)	\$ (82,800.00)	\$ (120,888.00)	
Distribution																		
Distribution Charge @ \$1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	\$ 1,238.62	
All kW @ \$0.47/kW	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	\$ 11,750.00	\$ 14,100.00	\$ 14,100.00	\$ 14,100.00	\$ 14,100.00	\$ 16,450.00	\$ 16,450.00	\$ 16,450.00	\$ 16,450.00	\$ 18,800.00	\$ 18,800.00	\$ 18,800.00	\$ 18,800.00	
All rKVA @ \$ 0.061 /rKVA	\$ 718.65	\$ 718.65	\$ 718.65	\$ 718.65	\$ 718.65	\$ 862.37	\$ 862.37	\$ 862.37	\$ 862.37	\$ 1,006.10	\$ 1,006.10	\$ 1,006.10	\$ 1,006.10	\$ 1,149.83	\$ 1,149.83	\$ 1,149.83	\$ 1,149.83	
Sub-Total	\$ 13,707.27	\$ 13,707.27	\$ 13,707.27	\$ 13,707.27	\$ 13,707.27	\$ 16,200.99	\$ 16,200.99	\$ 16,200.99	\$ 16,200.99	\$ 18,694.72	\$ 18,694.72	\$ 18,694.72	\$ 18,694.72	\$ 21,188.45	\$ 21,188.45	\$ 21,188.45	\$ 21,188.45	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	
Smart Meter Charge @ \$2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 675.00	\$ 2,025.00	\$ 3,375.00	\$ 4,927.50	\$ 810.00	\$ 2,430.00	\$ 4,050.00	\$ 5,913.00	\$ 945.00	\$ 2,835.00	\$ 4,725.00	\$ 6,898.50	\$ 1,080.00	\$ 3,240.00	\$ 5,400.00	\$ 7,884.00	
Sub-Total	\$ 20,377.36	\$ 21,052.36	\$ 22,402.36	\$ 23,752.36	\$ 25,304.86	\$ 25,262.36	\$ 26,882.36	\$ 28,502.36	\$ 30,365.36	\$ 29,472.36	\$ 31,362.36	\$ 33,252.36	\$ 35,425.86	\$ 33,682.36	\$ 35,842.36	\$ 38,002.36	\$ 40,486.36	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 140,000.00	\$ 420,000.00	\$ 700,000.00	\$ 1,022,000.00	\$ 168,000.00	\$ 504,000.00	\$ 840,000.00	\$ 1,226,400.00	\$ 196,000.00	\$ 588,000.00	\$ 980,000.00	\$ 1,430,800.00	\$ 224,000.00	\$ 672,000.00	\$ 1,120,000.00	\$ 1,635,200.00	
Sub Total	\$ 34,084.63	\$ 164,409.63	\$ 425,059.63	\$ 685,709.63	\$ 985,457.13	\$ 197,043.35	\$ 509,823.35	\$ 822,603.35	\$ 1,182,300.35	\$ 229,677.08	\$ 594,587.08	\$ 959,497.08	\$ 1,379,143.58	\$ 262,310.81	\$ 679,350.81	\$ 1,096,390.81	\$ 1,575,986.81	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 34,084.63	\$ 164,409.63	\$ 425,059.63	\$ 685,709.63	\$ 985,457.13	\$ 197,043.35	\$ 509,823.35	\$ 822,603.35	\$ 1,182,300.35	\$ 229,677.08	\$ 594,587.08	\$ 959,497.08	\$ 1,379,143.58	\$ 262,310.81	\$ 679,350.81	\$ 1,096,390.81	\$ 1,575,986.81	
UNBUNDLED RATES - PROPOSED																		
NUG Charge																		
All kWh @ -0.414 ¢/kWh	\$ -	\$ (10,350.00)	\$ (31,050.00)	\$ (51,750.00)	\$ (75,555.00)	\$ (12,420.00)	\$ (37,260.00)	\$ (62,100.00)	\$ (90,666.00)	\$ (14,490.00)	\$ (43,470.00)	\$ (72,450.00)	\$ (105,777.00)	\$ (16,560.00)	\$ (49,680.00)	\$ (82,800.00)	\$ (120,888.00)	
Distribution																		
Distribution Charge @ \$1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	\$ 1,674.49	
All kW @ \$1.22/kW	\$ 30,500.00	\$ 30,500.00	\$ 30,500.00	\$ 30,500.00	\$ 30,500.00	\$ 36,600.00	\$ 36,600.00	\$ 36,600.00	\$ 36,600.00	\$ 42,700.00	\$ 42,700.00	\$ 42,700.00	\$ 42,700.00	\$ 48,800.00	\$ 48,800.00	\$ 48,800.00	\$ 48,800.00	
All rKVA @ \$ 0.190 /rKVA	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,238.40	\$ 2,686.09	\$ 2,686.09	\$ 2,686.09	\$ 2,686.09	\$ 3,133.77	\$ 3,133.77	\$ 3,133.77	\$ 3,133.77	\$ 3,581.45	\$ 3,581.45	\$ 3,581.45	\$ 3,581.45	
Sub-Total	\$ 34,412.89	\$ 34,412.89	\$ 34,412.89	\$ 34,412.89	\$ 34,412.89	\$ 40,960.58	\$ 40,960.58	\$ 40,960.58	\$ 40,960.58	\$ 47,508.26	\$ 47,508.26	\$ 47,508.26	\$ 47,508.26	\$ 54,055.94	\$ 54,055.94	\$ 54,055.94	\$ 54,055.94	
Riders																		
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Energy Efficiency Charge @ \$ 0.00 /kW PLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase II Energy Efficiency Charge @ \$ 0.32 /kW PLC	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 11,200.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	\$ 12,800.00	
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Default Service Support Charge @ \$ 0.495 /kW NSPL	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 12,375.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 14,850.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 17,325.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	\$ 19,800.00	
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 675.00	\$ 2,025.00	\$ 3,375.00	\$ 4,927.50	\$ 810.00	\$ 2,430.00	\$ 4,050.00	\$ 5,913.00	\$ 945.00	\$ 2,835.00	\$ 4,725.00	\$ 6,898.50	\$ 1,080.00	\$ 3,240.00	\$ 5,400.00	\$ 7,884.00	
Sub-Total	\$ 20,375.00	\$ 21,050.00	\$ 22,400.00	\$ 23,750.00	\$ 25,302.50	\$ 25,260.00	\$ 26,880.00	\$ 28,500.00	\$ 30,363.00	\$ 29,470.00	\$ 31,360.00	\$ 33,250.00	\$ 35,423.50	\$ 33,680.00	\$ 35,840.00	\$ 38,000.00	\$ 40,484.00	
PTC Charge																		
All kWh @ \$ 0.05600 /kWh	\$ -	\$ 140,000.00	\$ 420,000.00	\$ 700,000.00	\$ 1,022,000.00	\$ 168,000.00	\$ 504,000.00	\$ 840,000.00	\$ 1,226,400.00	\$ 196,000.00	\$ 588,000.00	\$ 980,000.00	\$ 1,430,800.00	\$ 224,000.00	\$ 672,000.00	\$ 1,120,000.00	\$ 1,635,200.00	
Sub Total	\$ 54,787.89	\$ 185,112.89	\$ 445,762.89	\$ 706,412.89	\$ 1,006,160.39	\$ 221,800.58	\$ 534,580.58	\$ 847,360.58	\$ 1,207,057.58	\$ 258,488.26	\$ 623,398.26	\$ 988,308.26	\$ 1,407,954.76	\$ 295,175.94	\$ 712,215.94	\$ 1,129,255.94	\$ 1,608,851.94	
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Bill	\$ 54,787.89	\$ 185,112.89	\$ 445,762.89	\$ 706,412.89	\$ 1,006,160.39	\$ 221,800.58	\$ 534,580.58	\$ 847,360.58	\$ 1,207,057.58	\$ 258,488.26	\$ 623,398.26	\$ 988,308.26	\$ 1,407,954.76	\$ 295,175.94	\$ 712,215.94	\$ 1,129,255.94	\$ 1,608,851.94	
% Increase	60.74%	12.59%	4.87%	3.02%	2.10%	12.56%	4.86%	3.01%	2.09%	12.54%	4.85%	3.00%	2.09%	12.53%	4.84%	3.00%	2.09%	

**PENNSYLVANIA ELECTRIC COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE H**

Penelec Exhibit KMS-6
Witness: K.M. Siedt
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ENERGY USAGE	0	100	200	400	600	1,000	1,500	2,000	3,000	5,000	7,000	9,000	12,000	15,000	20,000	25,000
All kWh	0	100	200	400	600	1,000	1,500	2,000	3,000	5,000	7,000	9,000	12,000	15,000	20,000	25,000
Total Energy Usage	0	100	200	400	600	1,000	1,500	2,000	3,000	5,000	7,000	9,000	12,000	15,000	20,000	25,000

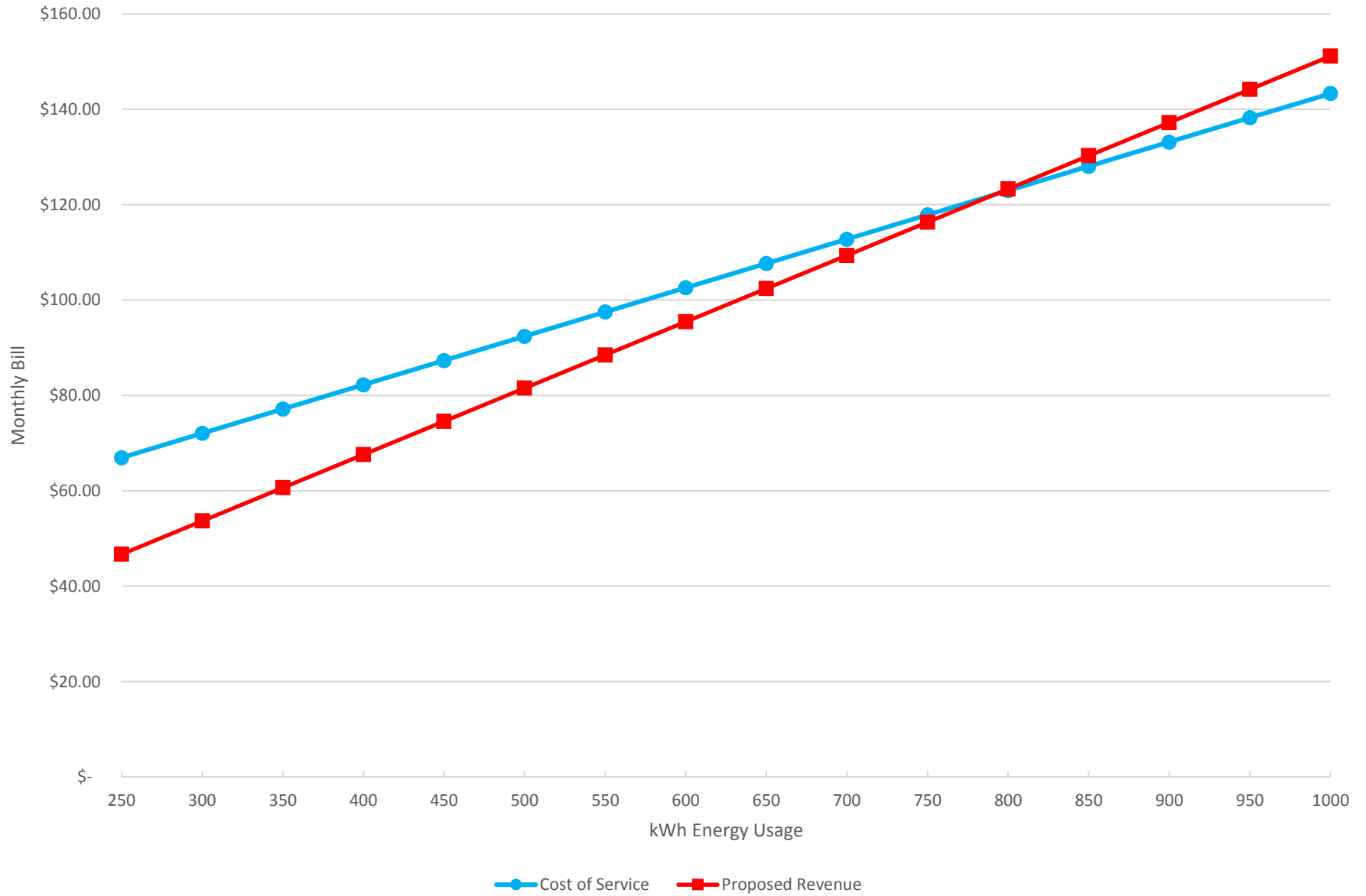
UNBUNDLED RATES - CURRENT

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (0.42)	\$ (0.83)	\$ (1.67)	\$ (2.50)	\$ (4.17)	\$ (6.26)	\$ (8.34)	\$ (12.51)	\$ (20.85)	\$ (29.19)	\$ (37.53)	\$ (50.04)	\$ (62.55)	\$ (83.40)	\$ (104.25)
Distribution																
Distribution Charge @ \$19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93	\$ 19.93
All kWh @ 2.546 ¢/kWh	\$ -	\$ 2.55	\$ 5.09	\$ 10.18	\$ 15.28	\$ 25.46	\$ 38.19	\$ 50.92	\$ 76.38	\$ 127.30	\$ 178.22	\$ 229.14	\$ 305.52	\$ 381.90	\$ 509.20	\$ 636.50
Sub-Total	\$ 19.93	\$ 22.48	\$ 25.02	\$ 30.11	\$ 35.21	\$ 45.39	\$ 58.12	\$ 70.85	\$ 96.31	\$ 147.23	\$ 198.15	\$ 249.07	\$ 325.45	\$ 401.83	\$ 529.13	\$ 656.43
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.145 ¢/kWh	\$ -	\$ 0.15	\$ 0.29	\$ 0.58	\$ 0.87	\$ 1.45	\$ 2.18	\$ 2.90	\$ 4.35	\$ 7.25	\$ 10.15	\$ 13.05	\$ 17.40	\$ 21.75	\$ 29.00	\$ 36.25
Smart Meter Charge @ \$2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54	\$ 2.54
Default Service Support Charge @ 0.119 ¢/kWh	\$ -	\$ 0.12	\$ 0.24	\$ 0.48	\$ 0.71	\$ 1.19	\$ 1.79	\$ 2.38	\$ 3.57	\$ 5.95	\$ 8.33	\$ 10.71	\$ 14.28	\$ 17.85	\$ 23.80	\$ 29.75
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.03	\$ 0.05	\$ 0.11	\$ 0.16	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.81	\$ 1.35	\$ 1.89	\$ 2.43	\$ 3.24	\$ 4.05	\$ 5.40	\$ 6.75
Sub-Total	\$ 2.54	\$ 2.83	\$ 3.12	\$ 3.70	\$ 4.29	\$ 5.45	\$ 6.91	\$ 8.36	\$ 11.27	\$ 17.09	\$ 22.91	\$ 28.73	\$ 37.46	\$ 46.19	\$ 60.74	\$ 75.29
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 7.61	\$ 15.22	\$ 30.45	\$ 45.67	\$ 76.12	\$ 114.18	\$ 152.24	\$ 228.36	\$ 380.60	\$ 532.84	\$ 685.08	\$ 913.44	\$ 1,141.80	\$ 1,522.40	\$ 1,903.00
Sub Total	\$ 22.47	\$ 32.50	\$ 42.53	\$ 62.60	\$ 82.66	\$ 122.79	\$ 172.95	\$ 223.11	\$ 323.43	\$ 524.07	\$ 724.71	\$ 925.35	\$ 1,226.31	\$ 1,527.27	\$ 2,028.87	\$ 2,530.47
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 22.47	\$ 32.50	\$ 42.53	\$ 62.60	\$ 82.66	\$ 122.79	\$ 172.95	\$ 223.11	\$ 323.43	\$ 524.07	\$ 724.71	\$ 925.35	\$ 1,226.31	\$ 1,527.27	\$ 2,028.87	\$ 2,530.47

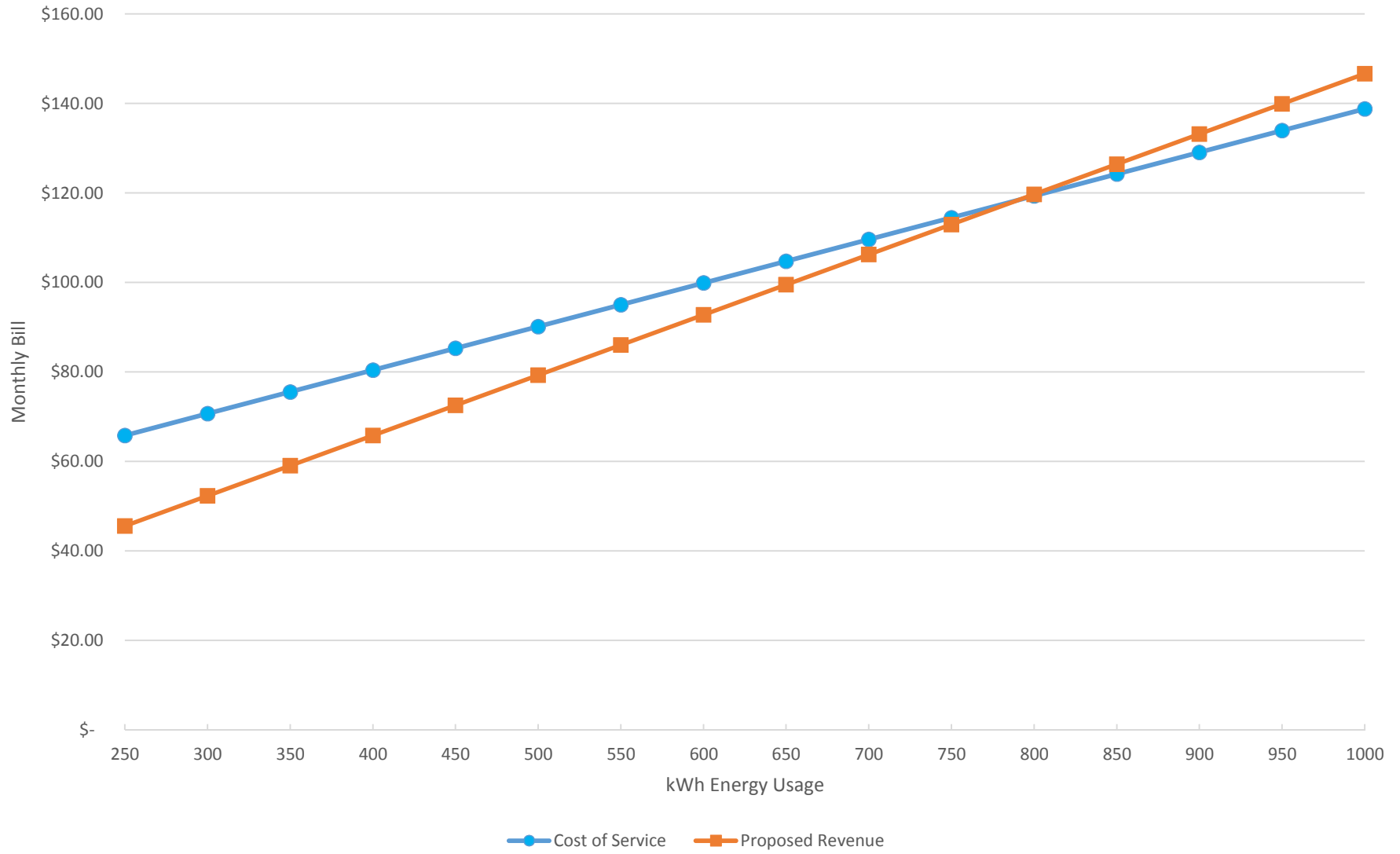
UNBUNDLED RATES - PROPOSED

NUG Charge																
All kWh @ -0.417 ¢/kWh	\$ -	\$ (0.42)	\$ (0.83)	\$ (1.67)	\$ (2.50)	\$ (4.17)	\$ (6.26)	\$ (8.34)	\$ (12.51)	\$ (20.85)	\$ (29.19)	\$ (37.53)	\$ (50.04)	\$ (62.55)	\$ (83.40)	\$ (104.25)
Distribution																
Distribution Charge @ \$26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46	\$ 26.46
All kWh @ 2.696 ¢/kWh	\$ -	\$ 2.70	\$ 5.39	\$ 10.78	\$ 16.18	\$ 26.96	\$ 40.44	\$ 53.92	\$ 80.88	\$ 134.80	\$ 188.72	\$ 242.64	\$ 323.52	\$ 404.40	\$ 539.20	\$ 674.00
Sub-Total	\$ 26.46	\$ 29.16	\$ 31.85	\$ 37.24	\$ 42.64	\$ 53.42	\$ 66.90	\$ 80.38	\$ 107.34	\$ 161.26	\$ 215.18	\$ 269.10	\$ 349.98	\$ 430.86	\$ 565.66	\$ 700.46
Riders																
Consumer Education Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficiency Charge @ 0.000 ¢/kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase II Energy Efficiency Charge @ 0.145 ¢/kWh	\$ -	\$ 0.15	\$ 0.29	\$ 0.58	\$ 0.87	\$ 1.45	\$ 2.18	\$ 2.90	\$ 4.35	\$ 7.25	\$ 10.15	\$ 13.05	\$ 17.40	\$ 21.75	\$ 29.00	\$ 36.25
Smart Meter Charge @ \$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Default Service Support Charge @ 0.119 ¢/kWh	\$ -	\$ 0.12	\$ 0.24	\$ 0.48	\$ 0.71	\$ 1.19	\$ 1.79	\$ 2.38	\$ 3.57	\$ 5.95	\$ 8.33	\$ 10.71	\$ 14.28	\$ 17.85	\$ 23.80	\$ 29.75
Solar Photovoltaic Requirements Charge @ 0.027 ¢/kWh	\$ -	\$ 0.03	\$ 0.05	\$ 0.11	\$ 0.16	\$ 0.27	\$ 0.41	\$ 0.54	\$ 0.81	\$ 1.35	\$ 1.89	\$ 2.43	\$ 3.24	\$ 4.05	\$ 5.40	\$ 6.75
Sub-Total	\$ -	\$ 0.29	\$ 0.58	\$ 1.16	\$ 1.75	\$ 2.91	\$ 4.37	\$ 5.82	\$ 8.73	\$ 14.55	\$ 20.37	\$ 26.19	\$ 34.92	\$ 43.65	\$ 58.20	\$ 72.75
PTC Charge																
All kWh @ \$ 0.07612 /kWh	\$ -	\$ 7.61	\$ 15.22	\$ 30.45	\$ 45.67	\$ 76.12	\$ 114.18	\$ 152.24	\$ 228.36	\$ 380.60	\$ 532.84	\$ 685.08	\$ 913.44	\$ 1,141.80	\$ 1,522.40	\$ 1,903.00
Sub Total	\$ 26.46	\$ 36.64	\$ 46.82	\$ 67.19	\$ 87.55	\$ 128.28	\$ 179.19	\$ 230.10	\$ 331.92	\$ 535.56	\$ 739.20	\$ 942.84	\$ 1,248.30	\$ 1,553.76	\$ 2,062.86	\$ 2,571.96
STAS @ 0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Bill	\$ 26.46	\$ 36.64	\$ 46.82	\$ 67.19	\$ 87.55	\$ 128.28	\$ 179.19	\$ 230.10	\$ 331.92	\$ 535.56	\$ 739.20	\$ 942.84	\$ 1,248.30	\$ 1,553.76	\$ 2,062.86	\$ 2,571.96
% Increase	17.76%	12.74%	10.09%	7.33%	5.92%	4.47%	3.61%	3.13%	2.62%	2.19%	2.00%	1.89%	1.79%	1.73%	1.68%	1.64%

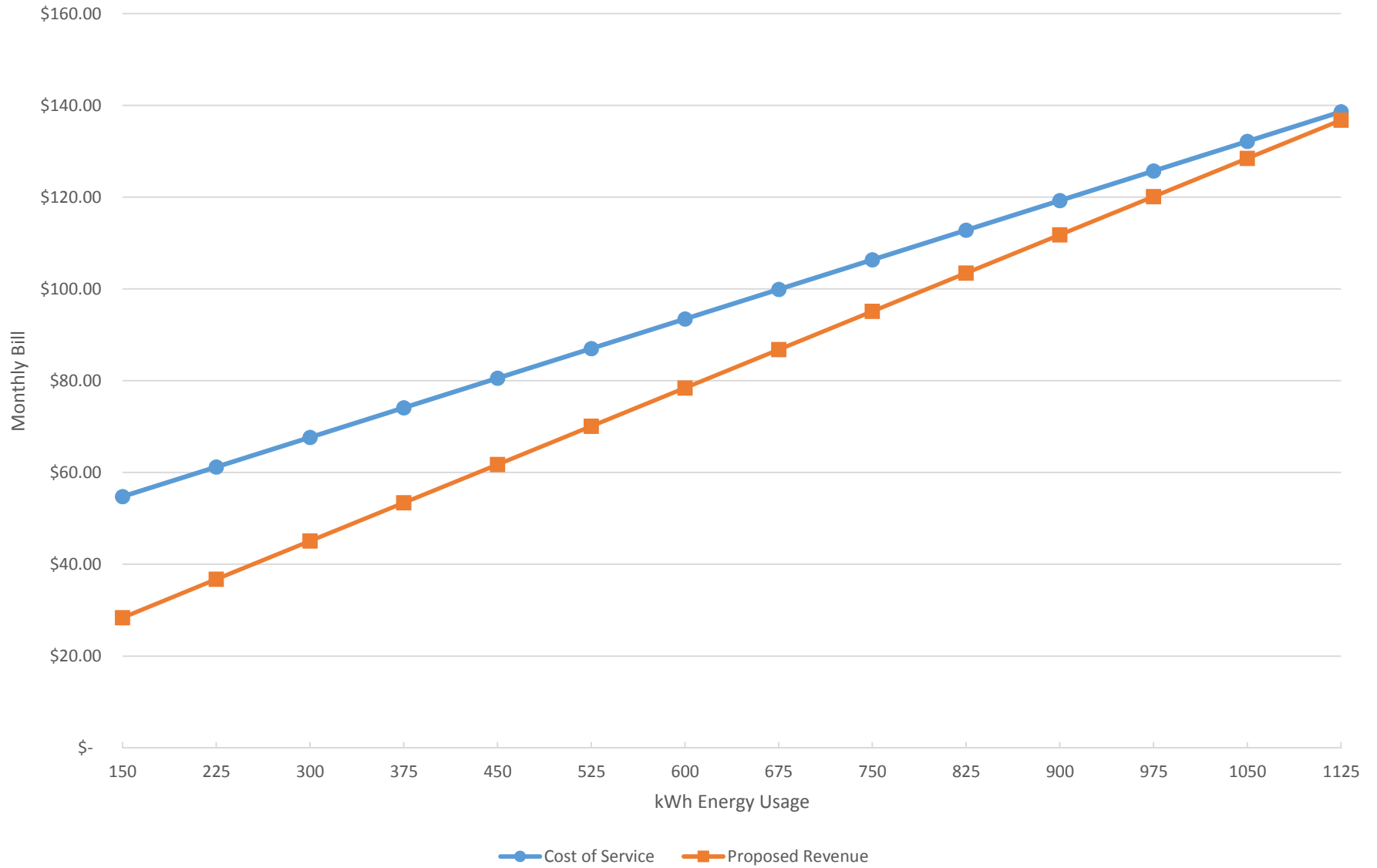
Penelec Residential Service - RS Proposed Revenue vs Cost of Service



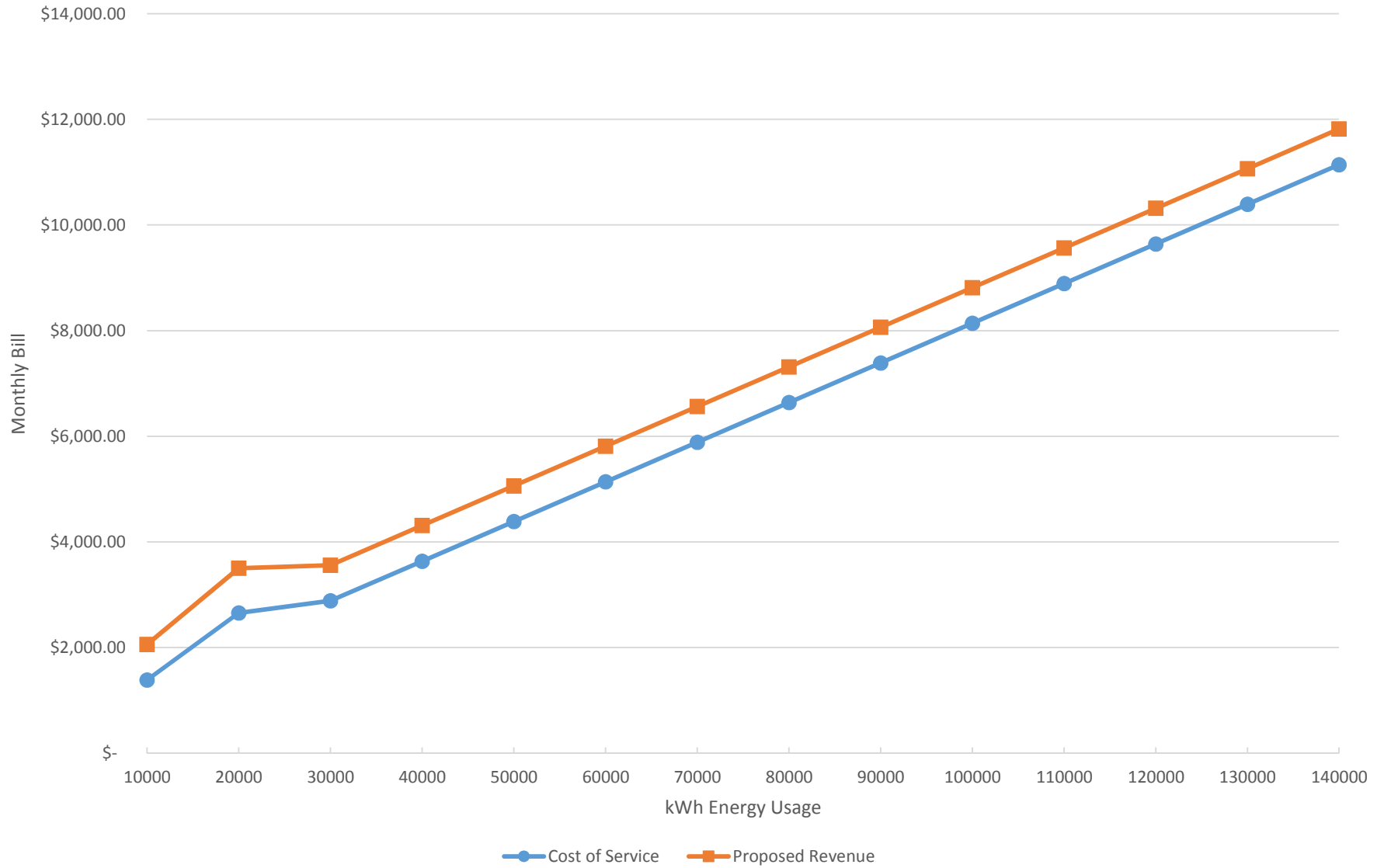
Penelec Volunteer Fire Company, and Non-Profit Ambulance Service, Rescue Squad and Senior Center Service Rate - GS-V Proposed Revenue vs Cost of Service



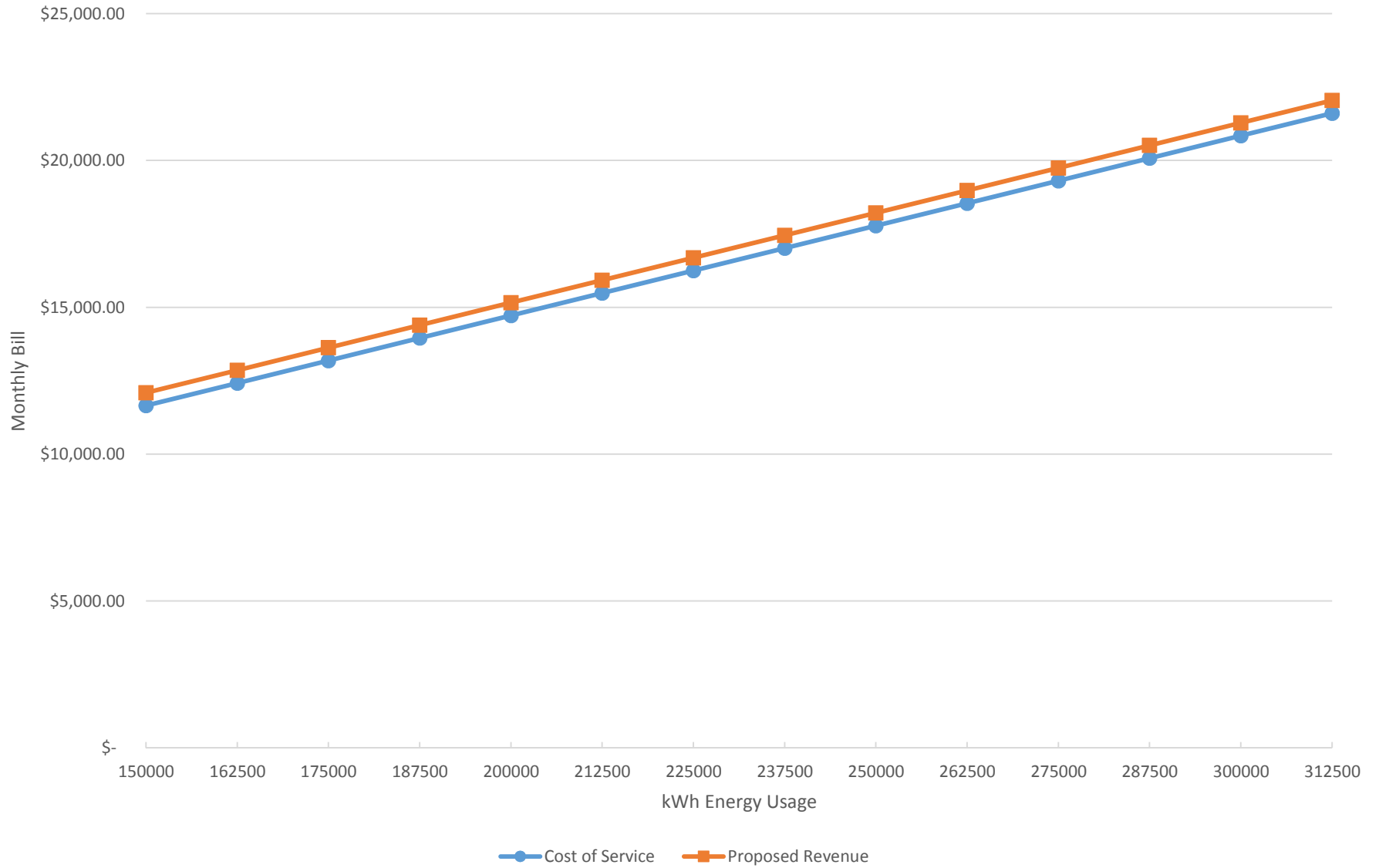
Penelec General Service Small - GS-S Proposed Revenue vs Cost of Service Demand at 3 kW



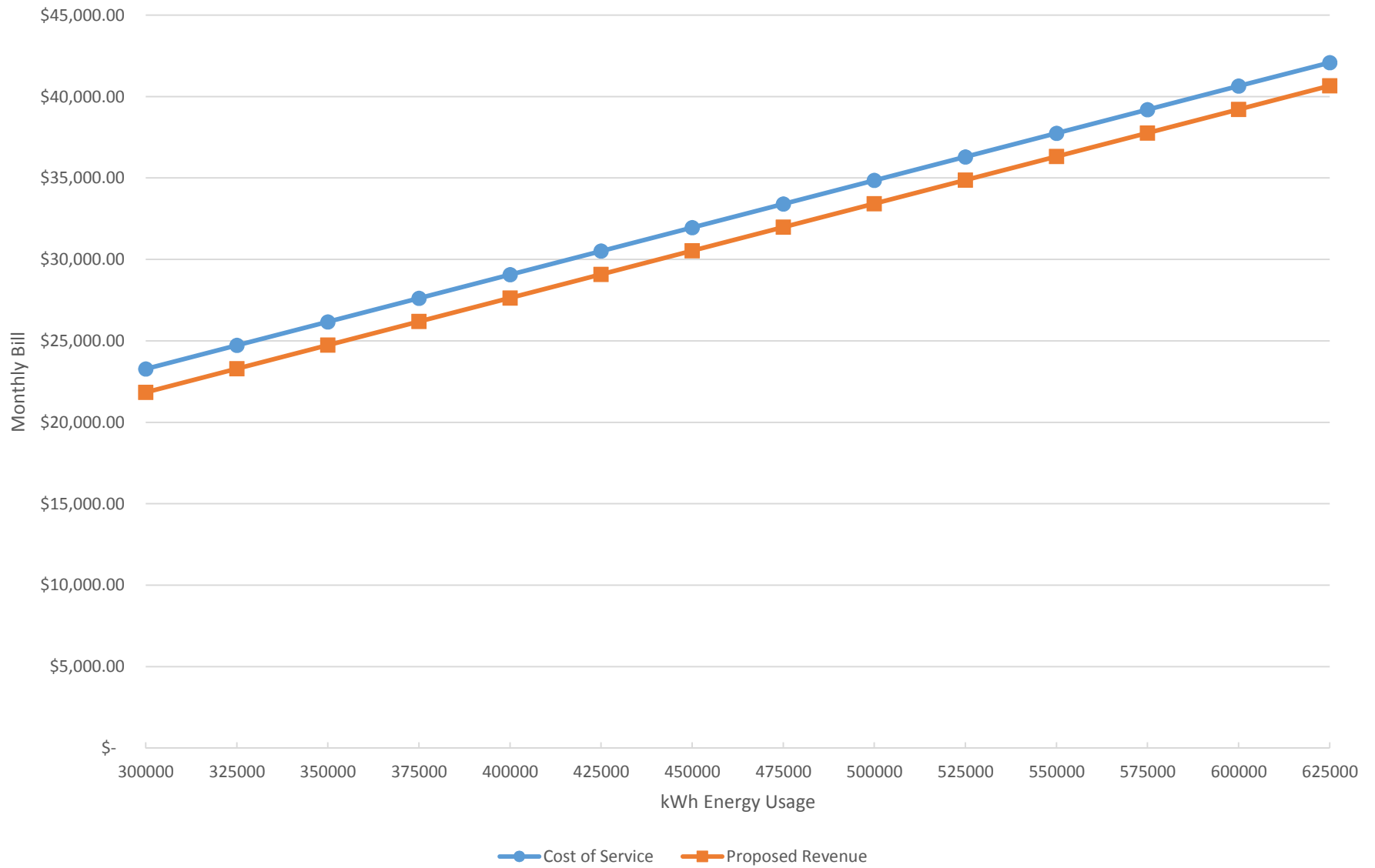
Penelec General Service Medium - GS-M Proposed Revenue vs Cost of Service Demand at 200 kW



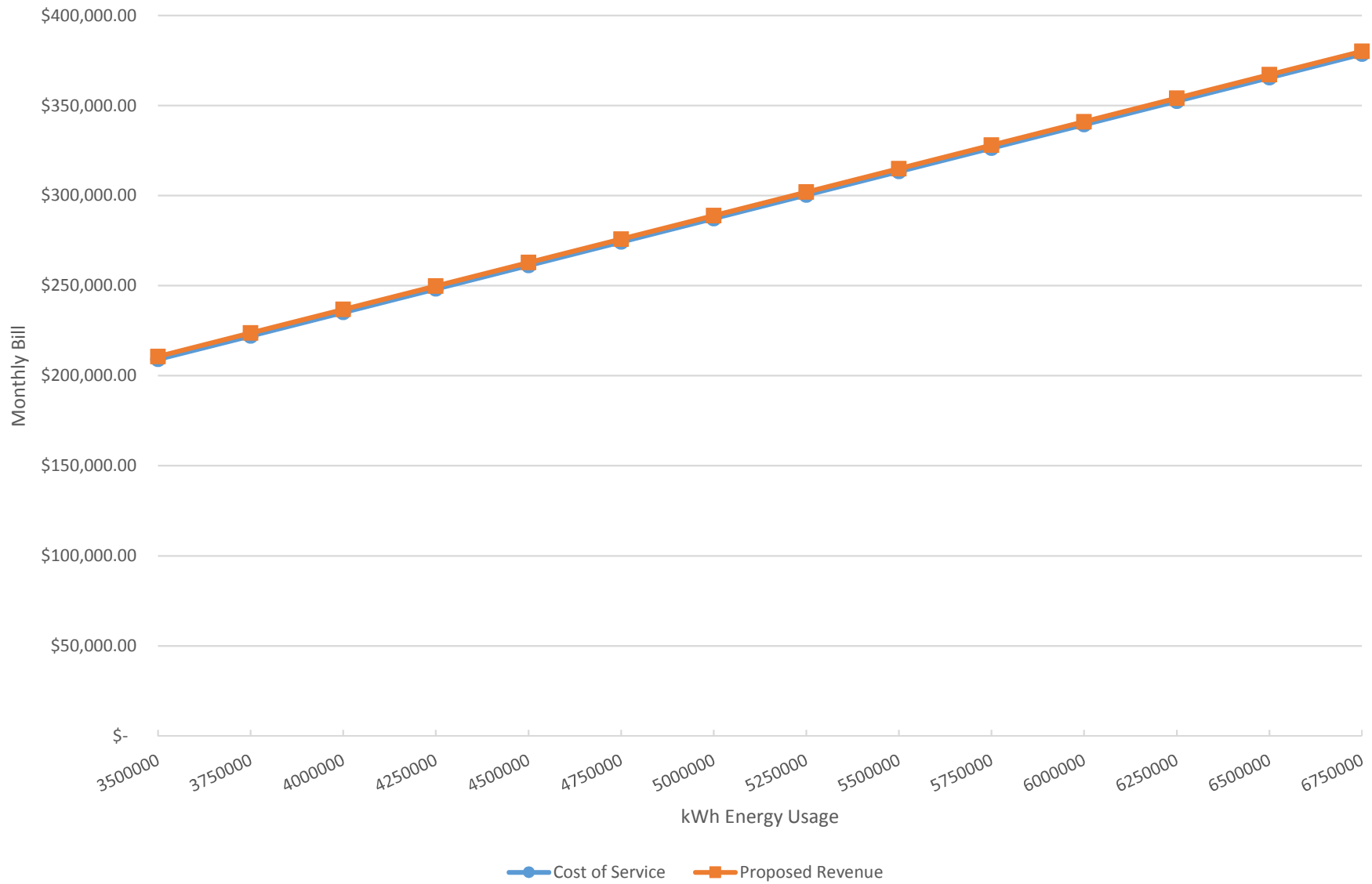
Penelec General Service Large - GS-L Proposed Revenue vs Cost of Service Demand at 500 kW



Penelec General Service Primary - GP Proposed Revenue vs Cost of Service Demand of 1,000 kW



Penelec Large Primary - LP Proposed Revenue vs Cost of Service Demand of 10,000 kW



PENNSYLVANIA ELECTRIC COMPANY

TITLE 52, SECTION 53.52 (a) FILING REQUIREMENT:

“(a) Whenever a public utility, other than a canal, turnpike, tunnel, bridge or wharf company files a tariff, revision or supplement effecting changes in the terms and conditions of service rendered or to be rendered, it shall submit to the Commission, with the tariff, revision or supplement, statements showing all of the following:

- (1) The specific reasons for each change.
- (2) The total number of customers served by the utility.
- (3) A calculation of the number of customers, by tariff subdivision, whose bills will be affected by the change.
- (4) The effect of the change on the utility’s customers.
- (5) The direct or indirect effect of the proposed change on the utility’s revenue and expenses.
- (6) The effect of the change on the service rendered by the utility.
- (7) A list of factors considered by the utility in its determination to make the change. The list shall include a comprehensive statement about why these factors were chosen and the relative importance of each. This subsection does not apply to a portion of a tariff change seeking a general rate increase as defined in 66 Pa.C.S. § 1308 (relating to voluntary changes in rates).
- (8) Studies undertaken by the utility in order to draft its proposed change. This paragraph does not apply to a portion of a tariff change seeking a general rate increase as defined in 66 Pa.C.S. § 1308.
- (9) Customer polls taken and other documents which indicate customer acceptance and desire for the proposed change. If the poll or other documents reveal discernible public opposition, an explanation of why the change is in the public interest shall be provided.
- (10) Plans the utility has for introducing or implementing the changes with respect to its ratepayers.
- (11) FCC, FERC or Commission orders or rulings applicable to the filing.”

RESPONSE:

52 Pa. Code 53.52(a)(1)

Q. The specific reasons for each change.

A. See Testimony of Kevin M. Siedt, Met-Ed/Penelec/Penn Power/West Penn Statement No. 4.

52 Pa. Code 53.52(a)(2)

- Q. The total number of Customers served by the utility.
- A. As of March 2014, the end of the historical test year, Penelec served a total of 586,250 customers.

52 Pa. Code 53.52(a)(3)

- Q. A calculation of the number of Customers, by tariff subdivision, whose bills could be affected by the change.
- A. See Penelec Exhibit KMS-1, Attachment A, B, and C, Sales and Distribution Revenue Normalization (Fully Projected, Future, and Historical Test Years, respectively)

52 Pa. Code 53.52(a)(4)

- Q. The effect of the change on the utility's customers.
- A. See Penelec Exhibit KMS-6, Comparison between Present and Proposed Rates, and Met-Ed/Penelec/Penn Power/West Penn Statement No. 4, Direct Testimony of Kevin M. Siedt.

52 Pa. Code 53.52(a)(5)

- Q. The direct or indirect effect of the proposed change on the utility's revenue and expenses.
- A. See Met-Ed/Penelec/Penn Power/West Penn Statement No. 2, Direct Testimony of Richard A. D'Angelo and Exhibits RAD 1 and 2.

52 Pa. Code 53.52(a)(6)

- Q. The effect of the change on the service rendered by the utility
- A. See Met-Ed/Penelec/Penn Power/West Penn Statement No. 1, Direct Testimony of Charles V. Fullem.

52 Pa. Code 53.52(a)(7)

- Q. A list of factors considered by the utility in its determination to make the change. The list shall include a comprehensive statement about why these factors were chosen and the relative importance of each. This subsection does not apply to a portion of a tariff change seeking a general rate increase as defined in 66 Pa.C.S. § 1308 (relating to voluntary changes in rates).
- A. Not applicable.

52 Pa. Code 53.52(a)(8)

- Q. Studies undertaken by the utility in order to draft its proposed change. This paragraph does not apply to a portion of a tariff change seeking a general rate increase as defined in 66 Pa.C.S. § 1308.
- A. Not Applicable.

52 Pa. Code 53.52(a)(9)

- Q. Customer polls taken and other documents which indicate customer acceptance and desire for the proposed change. If the poll or other documents reveal discernible public opposition, an explanation of why the change is in the public interest shall be provided.
- A. None

52 Pa. Code 53.52(a)(10)

- Q. Plans the utility has for introducing or implementing the changes with respect to its ratepayers.
- A. At the time of filing, the Company will issue and provide to customers notice of its distribution rate increase request pursuant to the Commission's general rate case filing regulations. A customer bill insert will describe the rate changes approved by the Commission and indicate the impact on customers. The Company will also inform customers about the Commission-approved rate changes in news releases and on the Company's Internet site. After a final Commission Order is entered in connection with this rate filing, the Company will file a compliance tariff to implement all of the approved changes.

52 Pa. Code 53.52(a)(11)

- Q. FCC, FERC or Commission orders or rulings applicable to the filing.

A. The following orders or rulings are applicable to the filing:

- Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company for approval of Their Default Service Programs, Docket Nos. P-2011-2273650, P-2011-2273668, P-2011-2273669, and P-2011-2273670.
- Investigation of Pennsylvania's Retail Electricity Market Intermediate Work Plan, Docket No. I-2011-2237952.
- Merger Settlement, Docket Nos. A-2010-2176520 and A-2010-2176732.
- Companies' Smart Meter Deployment Plan, Docket Nos. M-2013-2341990, M-2013-2341991, M-2013-2341993, and M-2013-2341994.
- Met-Ed and Penelec 2007 Rate Case order, Docket No. R-0061366 and R-0061367.

TITLE 52, SECTION 53.52 (b) FILING REQUIREMENT:

“(b) Whenever a public utility other than a canal, turnpike, tunnel, bridge or wharf company files a tariff, revision or supplement which will increase or decrease the bills to its customers, it shall submit in addition to the requirements of subsection (a), to the Commission, with the tariff, revision or supplement, statements showing the following:

- (1) The specific reasons for each increase or decrease.
- (2) The operating income statement of the utility for a 12-month period, the end of which may not be more than 120 days prior to the filing. Water and wastewater utilities with annual revenues under \$100,000 and municipal corporations subject to Commission jurisdiction may provide operating income statements for a 12-month period, the end of which may not be more than 180 days prior to the filing.
- (3) A calculation of the number of customers, by tariff subdivision, whose bills will be increased.
- (4) A calculation of the total increases, in dollars, by tariff subdivision, projected to an annual basis
- (5) A calculation of the number of customers, by tariff subdivision, whose bills will be decreased.
- (6) A calculation of the total decreases, in dollars, by tariff subdivision, projected to an annual basis..”

RESPONSE:

Pennsylvania Electric Company (“Penelec” or the “Company”) submits the following information in support of Tariff Electric – Pa. P.U.C. No. 81. In response to each of the applicable subsections of 52 Pa. Code 53.52(b), Penelec states the following:

52 Pa. Code 53.52(b)(1)

- Q. The specific reasons for each increase or decrease.
- A. See Testimony of Charles V. Fullem, Met-Ed/Penelec/Penn Power/West Penn Statement No. 1, Testimony of Richard A. D’Angelo, Met-Ed/Penelec/Penn Power/West Penn Statement No. 2, Testimony of Kimberlie L. Bortz, Met-Ed/Penelec/Penn Power/West Penn Statement No. 3, and Testimony of Kevin M. Siedt, Met-Ed/Penelec/Penn Power/West Penn Statement No. 4.

52 Pa. Code 53.52(b)(2)

- Q. The operating income statement of the utility for a 12-month period, the end of which may not be more than 120 days prior to the filing.
- A. See Penelec Exhibit RAD-4.

52 Pa. Code 53.52(b)(3)

- Q. A calculation of the number of customers, by tariff subdivision, whose bills will be increased.
- A. See Penelec Exhibit KMS-1, Attachment A, B, and C, Sales and Distribution Revenue Normalization (Fully Projected, Future, and Historical Test Years, respectively), Penelec Exhibit KMS-2, Summary of Distribution of Revenues, Penelec Exhibit KMS-5, Proof of Revenues Analysis, and Penelec Exhibit KMS-6, Bill Comparisons.

52 Pa. Code 53.52(b)(4)

- Q. A calculation of the total increases, in dollars, by tariff subdivision, projected to an annual basis.
- A. See Penelec Exhibit KMS-2, Summary of Distribution of Revenues, Penelec Exhibit KMS-5, Proof of Revenues Analysis, and Penelec Exhibit KMS-6, Bill Comparisons.

52 Pa. Code 53.52(b)(5)

- Q. A calculation of the number of customers, by tariff subdivision, whose bills will be decreased.
- A. See Penelec Exhibit KMS-2, Summary of Distribution of Revenues, Penelec Exhibit KMS-5, Proof of Revenues Analysis, and Penelec Exhibit KMS-6, Bill Comparisons.

52 Pa. Code 53.52(b)(6)

- Q. A calculation of the total decreases, in dollars, by tariff subdivision, projected to an annual basis.
- A. See Penelec Exhibit KMS-2, Summary of Distribution of Revenues, Penelec Exhibit KMS-5, Proof of Revenues Analysis, and Penelec Exhibit KMS-6, Bill Comparisons.

TITLE 52, SECTION 53.52 (c) FILING REQUIREMENT:

“(c) If a public utility files a tariff, revision or supplement which it is calculated will increase the bills of a customer or a group of customers by an amount, when projected to an annual basis, exceeding 3% of the operating revenues of the utility—subsection (b)(4) divided by the operating revenues of the utility for a 12-month period as defined in subsection (b)(2)—or which it is calculated will increase the bills of 5% or more of the number of customers served by the utility—subsection (b)(3) divided by subsection (a)(2)—it shall submit to the Commission with the tariff, revision or supplement, in addition to the statements required by subsections (a) and (b), all of the following information:

- (1) A statement showing the utility’s calculation of the rate of return or operating ratio (if the utility qualifies to use an operating ratio under § 53.54 (relating to small water and wastewater utilities) earned in the 12-month period referred to in subsection (b)(2), and the anticipated rate of return or operating ratio to be earned when the tariff, revision or supplement becomes effective. The rate base used in this calculation shall be supported by summaries of original cost for the rate of return calculation. When an operating ratio is used in this calculation, it shall be supported by studies of margin above operation and maintenance expense plus depreciation as referred to in § 53.54(b)(2)(B).
- (2) A detailed balance sheet of the utility as of the close of the period referred to in subsection (b)(2).
- (3) A summary, by detailed plant accounts, of the book value of the property of the utility at the date of the balance sheet required by paragraph (2).
- (4) A statement showing the amount of the depreciation reserve, at the date of the balance sheet required by paragraph (2), applicable to the property, summarized as required by paragraph (3).
- (5) A statement of operating income, setting forth the operating revenues and expenses by detailed accounts for the 12-month period ending on the date of the balance sheet required by paragraph (2).
- (6) A brief description of a major change in the operating or financial condition of the utility occurring between the date of the balance sheet required by paragraph (2) and the date of transmittal of the tariff, revision or supplement. As used in this paragraph, a major change is one which materially alters the operating or financial condition of the utility from that reflected in paragraphs (1)—(5).”

RESPONSE:

See Met-Ed/Penelec/Penn Power/West Penn Statement No. 2, Testimony of Richard A. D’Angelo and Exhibit RAD 54 and Exhibit RAD 55.

TITLE 52, SECTION 53.52 (d) FILING REQUIREMENT:

“(d) If a utility renders more than one type of public service, such as electric and gas, information required by § § 53.51—53.53 (relating to information furnished with the filing of rate changes), except subsection (c)(2), relates solely to the kind of service to which the tariff or tariff supplement is applicable. In subsection (c)(2), the book value of property used in furnishing each type of public service, as well as the depreciation reserve applicable to the property, shall be shown separately.”

RESPONSE:

See Met-Ed/Penelec/Penn Power/West Penn Statement No. 2, Testimony of Richard A. D’Angelo and Exhibit RAD 54 and Exhibit RAD 55.

FILING REQUIREMENT IV-A-1:

“Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

1. Rate schedule designation.”

FILING REQUIREMENT IV-A-2:

“Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

2. For existing rates:
 - a. Customers served as of end of period.
 - b. Annual Kwh sales
 - c. Base rate revenues adjusted for any changes in base rate application that may have occurred during the test period.
 - d. Tax surcharge revenues.
 - e. Energy Cost adjustment clause revenues.
 - f. Revenues received from other clauses or riders separately accounted for.
 - g. Total of all revenues.”

FILING REQUIREMENT IV-A-3:

“Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

3. For proposed rates:
 - (a) Estimated number of customers whose charges for electric service will be increased or decreased as a result of this filing.
 - (b) Base rate revenues:
 - (1) Annual dollar amount of increase or decrease.
 - (2) Percentage change.
 - (c) Estimated tax surcharge revenues based on the assumption that the base rate changes proposed were in place.
 - (d) Estimated Energy cost adjustment clause revenues.
 - (e) Revenues received from other clauses or riders separately accounted for.
 - (f) Total of all revenues:
 - (1) Amount of total annual dollar change.
 - (2) Percentage change.”

FILING REQUIREMENT IV-A-4:

“Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

4. Supplement the revenue summary to obtain a complete revenue statement of the electric business, that is, show delayed payments, other electric revenues, FERC jurisdictional sales and revenues and all other appropriate revenue items and adjustments.”

FILING REQUIREMENT IV-A-5:

“Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

5. Develop the grand total showing total sales and revenues as adjusted and the various increases and decreases and percent effects as described above.”

RESPONSES:

See Penelec Exhibit KMS-1, Attachment A, B, and C, Sales and Distribution Revenue Normalization (Fully Projected, Future, and Historical Test Years, respectively), Penelec Exhibit KMS-2, Summary of Distribution of Revenues.

FILING REQUIREMENT IV-C:

“The annual revenue effect of any proposed change to any rate must be supported by a billing analysis. This may consist of the use of bill frequency distributions or individual customer billing records for the most recent annual periods available. All billing determinants should be displayed. The blocking and corresponding prices of the existing rate and the proposed rate should be applied to the determinants to derive the base rate revenues under both present and proposed rates. The derived base rate revenues should form the basis for measuring the annual base rate effect of the rates in question for the test periods.”

RESPONSE:

See Penelec Exhibit KMS-5, Proof of Revenues Analysis.

FILING REQUIREMENT IV-D-1:

“The effects of the proposed rates on monthly billing conditions should be provided as follows:

1. Residential Bill Comparisons

For each rate applicable to residential service provide a chart or tabulation which shows the dollar and percentage effect of the proposed base rate on monthly bills ranging from the use of zero kWh to 5,000 kWh at appropriate intervals.”

FILING REQUIREMENT IV-D-2:

“The effects of the proposed rates on monthly billing conditions should be provided as follows:

2. General Bill Comparisons

For each rate that requires both a billing demand (kW) and kWh’s as the billing determinants, provide a tabulation or graphical comparison showing the percentage effect of the proposed base rate on monthly bills using several representative demand (kW) levels, the monthly kWh for each demand selected to be in load factor increments of 10% starting at 0% and ending at 100% (730H) or by hours’ use increments that covers approximately 95% of the bills.”

RESPONSE:

See Penelec Exhibit KMS-6, Comparison between Present and Proposed Rates.

FILING REQUIREMENT IV-E-2:

“Provide comparisons in either graphical or tabular form showing cost, as defined in the cost of service study, and proposed base rate revenues and usage for all residential and demand/energy rate schedules. Demand shall be for representative loads for each demand/energy rate schedule.”

RESPONSE:

See Penelec Exhibit KMS-7, Cost Curves.