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Case No.: Date Testimony Prepared: Cost of Service | Rate Design Maurice Brubaker Direct Testimony Missouri Industrial Energy Consumers and Midwest Energy Consumers' Group ER-2014-0370 April 16, 2015

> Filed June 30, 2015 Data Center Missouri Public Service Commission

## BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Kansas City Power & Light Company's Request for Authority to Implement A General Rate Increase for Electric Service

Case No. ER-2014-0370

Direct Testimony and Schedules of

**Maurice Brubaker** 

On behalf of

Missouri Industrial Energy Consumers and Midwest Energy Consumers' Group

MIEC Exhibit No. 559 Date 6-16-15 Reporter FUT File No. ER-2019-0370

April 16, 2015



Project 9979

## BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Kansas City Power & Light Company's Request for Authority to Implement A General Rate Increase for Electric Service

Case No. ER-2014-0370

STATE OF MISSOURI

COUNTY OF ST. LOUIS

SS

### Affidavit of Maurice Brubaker

Maurice Brubaker, being first duly sworn, on his oath states:

1. My name is Maurice Brubaker. I am a consultant with Brubaker & Associates, Inc., having its principal place of business at 16690 Swingley Ridge Road, Suite 140, Chesterfield, Missouri 63017. We have been retained by the Missouri Industrial Energy Consumers and Midwest Energy Consumers' Group in this proceeding on their behalf.

2. Attached hereto and made a part hereof for all purposes are my direct testimony and schedules which were prepared in written form for introduction into evidence in Missouri Public Service Commission Case No. ER-2014-0370.

3. I hereby swear and affirm that the testimony and schedules are true and correct and that they show the matters and things that they purport to show.

Bundake

Maurice Brubaker

Subscribed and sworn to before me this 15<sup>th</sup> day of April, 2015.



nooner

Notary Public

BRUBAKER & ASSOCIATES, INC.

## BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

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In the Matter of Kansas City Power & Light Company's Request for Authority to Implement A General Rate Increase for Electric Service

Case No. ER-2014-0370

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## BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Kansas City Power & Light Company's Request for Authority to Implement A General Rate Increase for Electric Service

Case No. ER-2014-0370

### **Direct Testimony of Maurice Brubaker**

- 1 Q PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
- A Maurice Brubaker. My business address is 16690 Swingley Ridge Road, Suite 140,
   Chesterfield, MO 63017.
- 4 Q ARE YOU THE SAME MAURICE BRUBAKER WHO HAS PREVIOUSLY FILED 5 TESTIMONY IN THIS PROCEEDING?
- 6 A Yes. I have previously filed direct testimony on revenue requirement issues
  7 presented in this proceeding.
- 8 Q ARE YOUR EDUCATIONAL BACKGROUND AND EXPERIENCE OUTLINED IN

### 9 YOUR PRIOR TESTIMONY?

10 A Yes. This information is included in Appendix A to my revenue requirement direct
11 testimony filed April 2, 2015.

### 12 Q ON WHOSE BEHALF ARE YOU APPEARING IN THIS PROCEEDING?

A This testimony is presented on behalf of the Missouri Industrial Energy Consumers
 ("MIEC") and Midwest Energy Consumers' Group ("MECG"). These companies
 purchase substantial amounts of electricity from Kansas City Power & Light Company

("KCPL") and the outcome of this proceeding will have an impact on their cost of
 electricity.

3

### Q WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A The purpose of my testimony is to present the results of a class cost of service study
for KCPL, to explain how the study should be used, to recommend an appropriate
allocation of any rate increase, and to make rate design recommendations.

7

### Q HOW IS YOUR TESTIMONY ORGANIZED?

8 A First, I present an overview of cost of service principles and concepts. This includes 9 a description of how electricity is produced and distributed as well as a description of 10 the various functions that are involved; namely, generation, transmission and 11 distribution. This is followed by a discussion of the typical classification of these 12 functionalized costs into demand-related costs, energy-related costs and 13 customer-related costs.

With this as a background, I then explain the various factors which should be considered in determining how to allocate these functionalized and classified costs among customer classes.

Finally, I present the results of the detailed cost of service analysis for KCPL. This cost study indicates how individual customer class revenues compare to the costs incurred in providing service to them. This analysis and interpretation is then followed by recommendations with respect to the alignment of class revenues with class costs. I conclude by addressing rate design issues.

### 1 <u>Summary</u>

### 2 Q PLEASE SUMMARIZE YOUR TESTIMONY AND RECOMMENDATIONS.

- 3 A My testimony and recommendations may be summarized as follows:
- 4 1. Class cost of service is the starting point and most important guideline for 5 establishing the level of rates charged to customers.
- 6 2. KCPL exhibits significant summer peak demands as compared to demands in other months.
- 8 3. There are two generally accepted methods for allocating generation and transmission fixed costs that would apply to KCPL. These are the coincident peak methodology and the average and excess ("A&E") methodology.
- The A&E methodology appropriately considers both class maximum demands and class load factor, as well as diversity between class peaks and the system peak.
- In order to better reflect cost-causation, I have changed KCPL's submitted cost of
  service methodology by substituting the Average and Excess 4 Non-Coincident
  Peak ("A&E-4NCP") method for KCPL's seriously flawed Average and Peak
  ("A&P") method.
- The results of my class cost of service study, incorporating the change in methodology that I have applied, are summarized on Schedule MEB-COS-4.
   Schedule MEB-COS-5 shows the adjustments required to move each class to its cost of service on a revenue neutral basis at present rates.
- A modest realignment of class revenues to move them closer to costs should be
   implemented, as presented on Schedule MEB-COS-6.
- Schedules MEB-COS-7 and MEB-COS-8 show my recommended adjustments to
   the design of the Large Power Service ("LPS") and Large General Service
   ("LGS") rates, respectively.
- 9. If the Commission approves a Fuel Adjustment Charge ("FAC"), the voltage level distinctions (for purposes of recognizing losses) should be secondary, primary, substation and transmission.

1

## **COST OF SERVICE PROCEDURES**

### 2 Overview

## 3 Q PLEASE DESCRIBE THE COST ALLOCATION PROCESS.

4 А The objective of cost allocation is to determine what proportion of the utility's total 5 revenue requirement should be recovered from each customer class. As an aid to this determination, cost of service studies are usually performed to determine the 6 7 portions of the total costs that are incurred to serve each customer class. The cost of 8 service study identifies the cost responsibility of the class and provides the foundation 9 for revenue allocation and rate design. For many regulators, cost-based rates are an 10 expressed goal. To better interpret cost allocation and cost of service studies, it is 11 important to understand the production and delivery of electricity.

### 12 Electricity Fundamentals

### 13 Q IS ELECTRICITY SERVICE LIKE ANY OTHER GOODS OR SERVICES?

- A No. Electricity is different from most other goods or services purchased by
   consumers. For example:
- It cannot be stored; must be delivered as produced;
- 17 It must be delivered to the customer's home or place of business;
- The delivery occurs instantaneously when and in the amount needed by the customer; and
- Both the total quantity used (energy or kWh) by a customer <u>and</u> the rate of use
   (demand or kW) are important.
- These unique characteristics differentiate electric utilities from other service-relatedindustries.
- 24The service provided by electric utilities is multi-dimensional. First, unlike25most vital services, electricity must be delivered at the place of consumption homes,

Maurice Brubaker Page 4 schools, businesses, factories – because this is where the lights, appliances,
 machines, air conditioning, etc. are located. Thus, every utility must provide a path
 through which electricity can be delivered regardless of the customer's demand and
 energy requirements at any point in time.

5 Even at the same location, electricity may be used in a variety of applications. Homeowners, for example, use electricity for lighting, air conditioning, perhaps 6 7 heating, and to operate various appliances. At any instant, several appliances may be operating (e.g., lights, refrigerator, TV, air conditioning, etc.). Which appliances 8 9 are used and when reflects the second dimension of utility service - the rate of electricity use or demand. The demand imposed by customers is an especially 10 important characteristic because the maximum demands determine how much 11 12 capacity the utility is obligated to provide.

13 Generating units, transmission lines and substations and distribution lines and substations are rated according to the maximum demand that can safely be imposed 14 on them. (They are not rated according to average annual demand; that is, the 15 amount of energy consumed during the year divided by 8,760 hours.) On a hot 16 17 summer afternoon when customers demand 2,000 MW of electricity, the utility must have at least 2,000 MW of generation, plus additional capacity to provide adequate 18 19 reserves, so that when a consumer flips the switch, the lights turn on, the machines operate and air conditioning systems cool our homes, schools, offices, and factories. 20

Satisfying customers' demand for electricity over time – providing energy – is
the third dimension of utility service. It is also the dimension with which many people
are most familiar, because people often think of electricity simply in terms of kWhs.
To see one reason why this isn't so, consider a more familiar commodity – tomatoes,
for example.

Maurice Brubaker Page 5

1 The tomatoes we buy at the supermarket for about \$2.00 a pound might 2 originally come from Florida where they are bought for about 30¢ a pound. In 3 addition to the cost of buying them at the point of production, there is the cost of 4 bringing them to the state of Missouri and distributing them in bulk to local 5 wholesalers. The cost of transportation, insurance, handling and warehousing must 6 be added to the original 30¢ a pound. Then they are distributed to neighborhood stores, which adds more handling costs as well as the store's own costs of light, heat, 7 personnel and rent. Shoppers can then purchase as many or few tomatoes as they 8 9 desire at their convenience. In addition, there are losses from spoilage and damage 10 in handling. These "line losses" represent an additional cost which must be 11 recovered in the final price. What we are really paying for at the store is not only the 12 vegetable itself, but the service of having it available in convenient amounts and 13 locations. If we took the time and trouble (and expense) to go down to the wholesale produce distributor, the price would be less. If we could arrange to buy them in bulk 14 15 in Florida, they would be even cheaper.

As illustrated in Figure 1, electric utilities are similar, except that in most cases 16 17 (including Missouri), a single company handles everything from production on down 18 through wholesale (bulk and area transmission) and retail (distribution to homes and 19 stores). The crucial difference is that, unlike producers and distributors of tomatoes. 20 electric utilities have an obligation to provide continuous reliable service. The obligation is assumed in return for the exclusive right to serve all customers located 21 22 In addition to satisfying the energy (or kWh) within its territorial franchise. 23 requirements of its customers, the obligation to serve means that the utility must also 24 provide the necessary facilities to attach customers to the grid (so that service can be 25 used at the point where it is to be consumed) and these facilities must be responsive to changes in the kilowatt demands whenever they occur. 26



Figure 1

# A CLOSER LOOK AT THE COST OF SERVICE STUDY

## 2 Q PLEASE EXPLAIN HOW A COST OF SERVICE STUDY IS PREPARED.

3 А To the extent possible, the unique characteristics that differentiate electric utilities 4 from other service-related industries should be recognized in determining the cost of 5 providing service to each of the various customer classes. The basic procedure for 6 conducting a class cost of service study is simple. In an allocated cost of service 7 study, we identify the different types of costs (functionalization), determine their 8 primary causative factors (classification) and then apportion each item of cost 9 among the various rate classes (allocation). Adding up the individual pieces gives 10 the total cost for each customer class.

## 11 Functionalization

1

## 12 Q PLEASE EXPLAIN FUNCTIONALIZATION.

A Identifying the different levels of operation is a process referred to as
 functionalization. The utility's investment and expenses are separated by function
 (production, transmission, etc.). To a large extent, this is done in accordance with the
 Uniform System of Accounts.

Referring to Figure 1, at the top level there is generation. The next level is the 17 extra high voltage transmission and subtransmission system (69,000 volts to 345,000 18 19 volts). Then the voltage is stepped down to primary voltage levels of distribution --4,160 to 12,000 volts. Finally, the voltage is stepped down by pole transformers at 20 21 the "secondary" level to 110-440 volts used to serve homes, barbershops, light manufacturing and the like. Additional investment and expenses are required to 22 23 serve customers at secondary voltages, compared to the cost of serving customers at 24 higher voltage.

Each additional transformation, thus, requires additional investment, additional 1 2 expenses and results in some additional electrical losses. To say that "a kilowatthour is a kilowatthour" is like saying that "a tomato is a tomato." It's true in one sense, but 3 when you buy a kWh at home you're not only buying the energy itself but also the 4 5 service of having it delivered right to your doorstep in convenient form. Those who buy at the bulk or wholesale level - like some of the Large Power Service customers 6 7 - pay less because some of the expenses to the utility are avoided. (Actually, the 8 expenses are borne by the customer who must invest in his own transformers and 9 other equipment, or pay separately for some services.)

### 10 **Classification**

### 11 Q WHAT IS CLASSIFICATION?

12 A Once the costs have been functionalized, the next step is to identify the primary 13 causative factor (or factors). This step is referred to as **classification**. Costs are 14 classified as demand-related, energy-related or customer-related.

Looking at the production function, the amount of production plant capacity required is primarily determined by the <u>peak</u> rate of usage during the year. If the utility anticipates a peak demand of 2,000 MW – it must install and/or contract for enough generating capacity to meet that anticipated demand (plus some reserve to compensate for variations in load and capacity that is temporarily unavailable).

There will be many hours during the day or during the year when not all of this generating capacity will be needed. Nevertheless, it must be in place to meet the <u>peak</u> demands on the system. Thus, production plant investment is usually classified to demand. **Regardless of how production plant investment is classified, the associated capital costs** (which include return on investment, depreciation, fixed operation and maintenance ("O&M") expenses, taxes and insurance) are fixed; that
is, <u>they do not vary with the amount of kWhs generated and sold</u>. These fixed
costs are determined by the amount of capacity (i.e., kilowatts) which the utility must
install to satisfy its obligation-to-serve requirement.

5 On the other hand, it is easy to see that the amount of fuel burned – and 6 therefore the amount of fuel expense – is closely related to the amount of energy 7 (number of kWhs) that customers use. Therefore, fuel expense is an energy-related 8 cost.

9 Most other O&M expenses are fixed and therefore are classified as
10 demand-related. Variable O&M expenses are classified as energy-related.
11 Demand-related and energy-related types of operating costs are not impacted by the
12 number of customers served.

Customer-related costs are the third major category. Obvious examples of customer-related costs include the investment in meters and service drops (the line from the pole to the customer's facility or house). Along with meter reading, posting accounts and rendering bills, these "customer costs" may be several dollars per customer, per month. Less obvious examples of customer-related costs may include the investment in other distribution accounts.

A certain portion of the cost of the distribution system – poles, wires and transformers – is required simply to attach customers to the system, regardless of their demand or energy requirements. This minimum or "skeleton" distribution system may also be considered a customer-related cost since it depends primarily on the number of customers, rather than demand or energy usage.

Figure 2, as an example, shows the distribution network for a utility with two customer classes, A and B. The physical distribution network necessary to attach Class A is designed to serve 12 customers, each with a 10-kilowatt load, having a total demand of 120 kW. This is the same total demand as is imposed by Class B,
which consists of a single customer. Clearly, a much more extensive distribution
system is required to attach the multitude of small customers (Class A), than to attach
the single larger customer (Class B), despite the fact that the total demand of each
customer class is the same.

6 Even though some additional customers can be attached without additional 7 investment in some areas of the system, it is obvious that attaching a large number of 8 customers requires investment in facilities, not only initially but on a continuing basis 9 as a result of the need for maintenance and repair.

10 To the extent that the distribution system components must be sized to 11 accommodate additional load beyond the minimum, the balance is a demand-related 12 cost. Thus, the distribution system is classified as both demand-related and 13 customer-related.

# Figure 2 Classification of Distribution Investment



Total Demand = 120 kW Class A Total Demand = 120 kW Class B

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## 1 Demand vs. Energy Costs

# 2 Q WHAT IS THE DISTINCTION BETWEEN DEMAND-RELATED COSTS AND 3 ENERGY-RELATED COSTS?

A The difference between demand-related and energy-related costs explains the fallacy
of the argument that "a kilowatthour is a kilowatthour." For example, Figure 3
compares the electrical requirements of two customers, A and B, each using 100-watt
light bulbs.

8 Customer A turns on all five of his/her 100-watt light bulbs for two hours. 9 Customer B, by contrast, turns on two light bulbs for five hours. Both customers use 10 the same amount of energy – 1,000 watthours or 1 kWh. However, Customer A 11 utilized electric power at a higher rate, 500 watts per hour or 0.5 kW, than 12 Customer B who demanded only 200 watts per hour or 0.2 kW.

Although both customers had precisely the same kWh energy usage, Customer A's kW demand was 2.5 times Customer B's. Therefore, the utility must install 2.5 times as much generating capacity for Customer A as for Customer B. The cost of serving Customer A, therefore, is much higher.

17 Q DOES THIS HAVE ANYTHING TO DO WITH THE CONCEPT OF LOAD FACTOR?

A Yes. Load factor is an expression of how uniformly a customer uses energy. In our
 example of the light bulbs, the load factor of Customer B would be higher than the
 load factor of Customer A because the use of electricity was spread over a longer
 period of time, and the number of kWhs used for each kilowatt of demand imposed on
 the system is much greater in the case of Customer B.



CUSTOMER B



1 Mathematically, load factor is the average rate of use divided by the peak rate 2 of use. A customer with a higher load factor is less expensive to serve, on a per kWh 3 basis, than a customer with a low load factor, irrespective of size.

> Maurice Brubaker Page 13

1 Consider also the analogy of a rental car which costs \$40/day and 20¢/mile. If 2 Customer A drives only 20 miles a day, the average cost will be \$2.20/mile. But for 3 Customer B, who drives 200 miles a day, spreading the daily rental charge over the 4 total mileage gives an average cost of 40¢/mile. For both customers, the fixed cost 5 rate (daily charge) and variable cost rate (mileage charge) are identical, but the 6 average total cost per mile will differ depending on how intensively the car is used. 7 Likewise, the average cost per kWh will depend on how intensively the generating 8 plant is used. A low load factor indicates that the capacity is idle much of the time; a 9 high load factor indicates a more steady rate of usage. Since industrial customers 10 generally have higher load factors than residential or commercial customers, they are less costly to serve on a per-kWh basis. Again, we can say that "a kilowatthour is a 11 12 kilowatthour" as to energy content, but there may be a big difference in how much 13 generating plant investment is required to convert the raw fuel into electric energy.

### 14 Allocation

### 15 Q WHAT IS ALLOCATION?

16 A The final step in the cost of service analysis is the **allocation** of the costs to the 17 customer classes. Demand, energy and customer allocation factors are developed to 18 apportion the costs among the customer classes. Each factor measures the 19 customer class's contribution to the system total cost.

For example, we have already determined that the amount of fuel expense on the system is a function of the energy required by customers. In order to allocate this expense among classes, we must determine how much each class contributes to the total kWh consumption and we must recognize the line losses associated with transporting and distributing the kWh. These contributions, expressed in percentage terms, are then multiplied by the expense to determine how much expense should be
 attributed to each class. For demand-related costs, we construct an allocation factor
 by looking at the important class demands.

### 4 Utility System Characteristics

### 5 Q WHAT IS THE IMPORTANCE OF UTILITY SYSTEM LOAD CHARACTERISTICS?

A Utility system load characteristics are an important factor in determining the specific
method which should be employed to allocate fixed or demand-related costs on a
utility system. The most important characteristic is the annual load pattern of the
utility. These characteristics for KCPL's Missouri jurisdiction are shown on Schedule
MEB-COS-1. For convenience, it is also shown here as Figure 4.

## Figure 4

### KANSAS CITY POWER & LIGHT COMPANY



Analysis of KCP&L's (Missouri) Monthly Peak Demands as a Percent of the Annual System Peak For the Test Year Ended March 31, 2014

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- This shows the monthly system peak demands for the test year used in the study.
   The highlighted bar shows the month in which the highest peak occurred.
- This analysis shows that summer peaks dominate the KCPL system. (This same information is presented in tabular form on Schedule MEB-COS-2.) This clearly shows that the system peak occurred in September, and was substantially higher than the monthly peaks occurring in most other months. The peaks in June, July and August were only 2.4%, 5.2%, and 0.7%, respectively, lower than the annual peak.
- 8 Q WHAT CRITERIA SHOULD BE USED TO DETERMINE AN APPROPRIATE 9 METHOD FOR ALLOCATING PRODUCTION AND TRANSMISSION CAPACITY 10 COSTS AMONG THE VARIOUS CUSTOMER CLASSES?
- A The specific allocation method should be consistent with the principle of
  cost-causation; that is, the allocation should reflect the contribution of each customer
  class to the demands that caused the utility to incur capacity costs.
- 14 Q WHAT FACTORS CAUSE ELECTRIC UTILITIES TO INCUR PRODUCTION AND 15 TRANSMISSION CAPACITY COSTS?
- As discussed previously, production and transmission plant must be sized to meet the 16 А 17 maximum demand imposed on these facilities. Thus, an appropriate allocation 18 method should accurately reflect the characteristics of the loads served by the utility. 19 For example, if a utility has a high summer peak relative to the demands in other seasons, then production and transmission capacity costs should be allocated 20 21 relative to each customer class's contribution to the summer peak demands. If a 22 utility has predominant peaks in both the summer and winter periods, then an 23 appropriate allocation method would be based on the demands imposed during both

the summer and winter peak periods. For a utility with a very high load factor and/or
a non-seasonal load pattern, then demands in all months may be important.

# 3 Q WHAT DO THESE CONSIDERATIONS MEAN IN THE CONTEXT OF THE KCPL 4 SYSTEM?

5 A As noted, the KCPL load pattern has predominant summer peaks. This means that 6 these demands should be the primary ones used in the allocation of generation and 7 transmission costs. Demands in other months are of much less significance, do not 8 compel the addition of generation capacity to serve them and should not be used in 9 determining the allocation of costs.

## 10 Q WHAT SPECIFIC RECOMMENDATIONS DO YOU HAVE?

A The two most predominantly used allocation methods in the industry are the
 coincident peak method and the A&E demand method.

The coincident method utilizes the demands of customer classes occurring at
the time of the system peak or peaks selected for allocation. In the case of KCPL,
this would be one or more peaks occurring during the summer.

16 Q WHAT IS THE A&E METHOD?

17 A The A&E method is one of a family of methods which incorporates a consideration of 18 both the maximum rate of use (demand) and the duration of use (energy). As the 19 name implies, A&E makes a conceptual split of the system into an "average" 20 component and an "excess" component. The "average" demand is simply the total 21 kWh usage divided by the total number of hours in the year. This is the amount of 22 capacity that would be required to produce the energy if it were taken at the same demand rate each hour. The system "excess" demand is the difference between the
 system peak demand and the system average demand.

3 Under the A&E method, the average demand is allocated to classes in 4 proportion to their average demand (energy usage). The difference between the 5 system average demand and the system peak(s) is then allocated to customer 6 classes on the basis of a measure that represents their "peaking" or variability in 7 usage.<sup>1</sup>

### 8 Q WHAT DO YOU MEAN BY VARIABILITY IN USAGE?

9 A As an example, Figure 5 shows two classes that have different monthly usage10 patterns.



# Figure 5 Load Patterns

Both classes use the same total amount of energy and, therefore, have the same average demand. Class B, though, has a much greater maximum demand<sup>2</sup> than Class A. The greater maximum demand imposes greater costs on the utility system. This is because the utility must provide sufficient capacity to meet the projected

<sup>&</sup>lt;sup>1</sup>NARUC Electric Utility Cost Allocation Manual, 1992, page 81.

<sup>&</sup>lt;sup>2</sup>During any specified time period (e.g., month, year), the maximum demand of a class, regardless of when it occurs, is called the non-coincident peak demand.

maximum demands of its customers. There may also be higher costs due to the
greater variability of usage of some classes. This variability requires that a utility
cycle its generating units in order to match output with demand on a real time basis.
The stress of cycling generating units up and down causes wear and tear on the
equipment, resulting in higher maintenance cost.

6 Thus, the excess component of the A&E method is an attempt to allocate the 7 additional capacity requirements of the system (measured by the system excess) in 8 proportion to the "peakiness" of the customer classes (measured by the class excess 9 demands).

# 10 Q WHAT DEMAND ALLOCATION METHODOLOGY DO YOU RECOMMEND FOR 11 GENERATION AND TRANSMISSION?

A First, in order to reflect cost-causation the methodology must give predominant weight
to loads occurring during the summer months. Loads during these months (the peak
loads) are the primary driver which has and continues to cause the utility to expand
its generation and transmission capacity, and therefore should be given predominant
weight in the allocation of capacity costs.

Either a coincident peak study, using the demands during the summer (peak) 17 18 months, or a version of an A&E cost of service study that uses class non-coincident peak loads occurring during the summer, would be most appropriate to reflect these 19 20 characteristics. The results should be similar as long as only summer period peak 21 loads are used. I will make my recommendations based on the A&E method. It 22 considers the maximum class demands during the critical time periods, and is less 23 susceptible to variations in the absolute hour in which peaks occur - producing a 24 somewhat more stable result over time.

Based on test year load characteristics, I believe the most appropriate A&E allocation would be using the two highest system peaks. However, the allocation factors for all classes are very close to the A&E-4NCP allocation factors, and I have chosen to use the 4NCP version that has previously been endorsed by the Commission.

6 Schedule MEB-COS-3 shows the derivation of the A&E demand allocation
7 factor for generation using the four annual class non-coincident peaks, and page 1 of
8 my MEB-COS-Appendix shows the derivation of the A&E-2NCP allocation factor.

# 9 Q REFERRING TO SCHEDULE MEB-COS-3, PLEASE EXPLAIN THE 10 DEVELOPMENT OF THE A&E ALLOCATION FACTOR.

11 A Line 2 shows the average of the four non-coincident peaks for each class. Line 3 12 shows the annual amount of energy required by each class. Line 4 is the average 13 demand, in kilowatts, which is determined by dividing the annual energy in line 3 by 14 the number of hours (8,760) in a year. Line 5 shows the percentage relationship 15 between the average demand for each class and the total system.

The excess demand, shown on line 6, is equal to the non-coincident peak demand shown on line 2 minus the average demand that is shown on line 4. Line 7 shows the excess demand percentage, which is a relationship among the excess demand of each customer class and the total excess demand for all classes.

Finally, line 10 presents the composite A&E allocation factor. It is determined by weighting the average demand responsibility of each class (which is the same as each class's energy allocation factor) by the system load factor, and weighting the excess demand factor by the quantity one minus the system load factor.

# 1 Making the Cost of Service Study – Summary

2	Q	PLEASE SUMMARIZE THE PROCESS AND THE RESULTS OF A COST OF
3		SERVICE ANALYSIS.
4	А	As previously discussed, the cost of service procedure involves three steps:
5		1. Functionalization - Identify the different functional "levels" of the system;
6 7		<ol> <li>Classification – Determine, for each functional type, the primary cause or causes (customer, demand or energy) of that cost being incurred; and</li> </ol>
8 9		<ol> <li>Allocation – Calculate the class proportional responsibilities for each type of cost and spread the cost among classes.</li> </ol>
10	Q	WHERE ARE YOUR COST OF SERVICE RESULTS PRESENTED?
1 <b>1</b>	А	The results are presented in Schedule MEB-COS-4, which reflects results at present
12		rates.
13	Q	REFERRING TO SCHEDULE MEB-COS-4, PLEASE EXPLAIN THE
14		ORGANIZATION AND WHAT IS SHOWN.
15	А	Schedule MEB-COS-4 is a summary of the key elements and the results of the class
16		cost of service study. The top section of the schedule shows the revenues, expenses
17		and operating income based on an A&E-4NCP cost of service study.
18		The next section shows the major elements of rate base, and the rate of return
19		at present rates for each customer class based on this cost of service study
20	Q	DID KCPL SUBMIT A CLASS COST OF SERVICE STUDY?

of generation costs on a seriously flawed average and peak allocation method.
 KCPL's method is not grounded in appropriate cost-causation principles, and should

not be accepted. I will address this proposed methodology in more detail in my
 rebuttal testimony.

3

Q

### HAVE YOU USED ITS STUDY?

A I have used the study framework as a basis for preparing my cost of service study.
As explained below, I have developed a cost of service study using a different
allocation for generation fixed costs.

- 7QHAVE YOU PREPARED ANY COST OF SERVICE STUDIES BESIDES THE8A&E-4NCP STUDY PRESENTED IN SCHEDULE MEB-COS-4?
- 9 A Yes. I have prepared studies based on A&E-2NCP, and also 4CP methodologies.
  10 The derivation of the generation capacity allocation factor and the results of each cost
  11 of service study are presented in the Appendix to my schedules.

# 42 Q HOW DID YOU USE KCPL'S COST OF SERVICE MODEL IN PRODUCING YOUR 13 CLASS COST OF SERVICE STUDY?

14 A It was the starting point. The results of KCPL's allocation first were replicated by 15 utilizing the data contained in its cost of service model. Many of KCPL's allocation 16 factors and functionalizations and classifications have been utilized. The principal 17 area where I depart from KCPL and use a different approach were incorporated into 18 the allocations. They have previously been explained in this testimony.

## 1 Adjustment of Class Revenues

# 2 Q WHAT SHOULD BE THE PRIMARY BASIS FOR ESTABLISHING CLASS 3 REVENUE REQUIREMENTS AND DESIGNING RATES?

4 A Cost should be the primary factor used in both steps.

5 Just as cost of service is used to establish a utility's total revenue requirement, 6 it should also be the primary basis used to establish the revenues collected from each 7 customer class and to design rate schedules.

8 Factors such as simplicity, gradualism and ease of administration may also be 9 taken into account, but the basic starting point and guideline throughout the process 10 should be cost of service. To the extent practicable, rate schedules should be 11 structured and designed to reflect the important cost-causative features of the service 12 provided, and to collect the appropriate cost from the customers within each class or 13 rate schedule, based upon the individual load patterns exhibited by those customers.

Electric rates also play a role in economic development, both with respect to job creation and job retention. This is particularly true in the case of industries where electricity is one of the largest components of the cost of production.

17 Q WHAT IS THE BASIS FOR YOUR RECOMMENDATION THAT COST BE USED AS

### 18 THE PRIMARY FACTOR FOR THESE PURPOSES?

A The basic reasons for using cost as the primary factor are equity, conservation, and
 engineering efficiency (cost-minimization).

### 21 Q PLEASE EXPLAIN HOW EQUITY IS ACHIEVED BY BASING RATES ON COST.

22 A When rates are based on cost, each customer pays what it costs the utility to provide 23 service to that customer; no more and no less. If rates are based on anything other than cost factors, then some customers will pay the costs attributable to providing
 service to other customers – which is inherently inequitable.

### 3

### Q HOW DO COST-BASED RATES FURTHER THE GOAL OF CONSERVATION?

A Conservation occurs when wasteful, inefficient use is discouraged or minimized. Only
when rates are based on costs do customers receive a balanced price signal upon
which to make their electric consumption decisions. If rates are not based on costs,
then customers who are not paying their full costs may be mislead into using
electricity inefficiently in response to the distorted rate design signals they receive.

# 9 Q WILL COST-BASED RATES ASSIST IN THE DEVELOPMENT OF 10 COST-EFFECTIVE DEMAND-SIDE MANAGEMENT ("DSM") PROGRAMS?

11 А Yes. The success of DSM (both energy efficiency and demand response programs) 12 depends, to a large extent, on customer receptivity. There are many actions that can be taken by consumers to reduce their electricity requirements. A major element in a 13 14 customer's decision-making process is the amount of reduction that can be achieved 15 in the electric bill as a result of DSM activities. If the bill received by a customer is subsidized by other customers; that is, the bill is determined using rates which are 16 17 below cost, that customer will have less reason to engage in DSM activities than 18 when the bill reflects the actual cost of the electric service provided.

For example, assume that the relevant cost to produce and deliver energy is 8¢ per kWh. If a customer has an opportunity to install energy efficiency or DSM equipment that would allow the customer to reduce energy use or demand, the customer will be much more likely to make that investment if the price of electricity equals the cost of electricity, i.e., 8¢ per kWh, than if the customer is receiving a subsidized rate of 6¢ per kWh.

# 1 Q HOW DO COST-BASED RATES ACHIEVE THE COST-MINIMIZATION 2 OBJECTIVE?

A When the rates are designed so that the energy costs, demand costs and customer
 costs are properly reflected in the energy, demand and customer components of the
 rate schedules, respectively, customers are provided with the proper incentives to
 minimize their costs, which will in turn minimize the costs to the utility.

If a utility attempts to extract a disproportionate share of revenues from a class that has alternatives available (such as producing products at other locations where costs are lower), then the utility will be faced with the situation where it must discount the rates or lose the load, either in part or in total. To the extent that the load could have been served more economically by the utility, then either the other customers of the utility or the stockholders (or some combination of both) will be worse off than if the rates were properly designed on the basis of cost.

From a rate design perspective, overpricing the energy portion of the rate and underpricing the fixed components of the rate (such as customer and demand charges) will result in a disproportionate share of revenues being collected from large customers and high load factor customers. To the extent that these customers may have lower cost alternatives than do the smaller or the low load factor customers, the same problems noted above are created.

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1

## **REVENUE ALLOCATION**

2 Q PLEASE REFER AGAIN TO SCHEDULE MEB-COS-4 AND SUMMARIZE THE 3 RESULTS OF YOUR CLASS COST OF SERVICE STUDY.

A As indicated on line 0400 of Schedule MEB-COS-4, movement of all classes to cost
of service will require an increase to the Residential class and a decrease to all other
classes.

# 7 Q WHAT ADJUSTMENTS TO REVENUES WOULD BE REQUIRED AT PRESENT 8 RATES TO MOVE ALL CLASSES TO COST OF SERVICE?

This is shown on Schedule MEB-COS-5. The first five columns summarize the 9 А 10 results of the cost of service study at present rates, and are taken from Schedule MEB-COS-4. The remaining columns of Schedule MEB-COS-5 determine 11 the amount of increase or decrease, on a revenue neutral basis, required to move 12 13 each customer class to the average rate of return at current revenue levels. That is, it 14 shows the amount of increase or decrease required to have every class yield the same rate of return, before considering any overall increase in revenues. Note that 15 the Residential class would require an increase of about \$46 million, or 11.2%, in 16 order to move to cost of service. All other classes would require a corresponding 17 decrease. The decreases range from about 8.3% for the Large General Service 18 19 class to 1.3% for the Lighting class.

### 20 Q HOW DOES KCPL PROPOSE TO ADJUST REVENUES?

21 A KCPL proposes essentially an equal percentage across-the-board increase.

# 1 Q WOULD KCPL'S ALLOCATION MOVE CLASS RATES CLOSER TO COST OF 2 SERVICE?

A No. KCPL's allocation would essentially maintain the status quo in which the
 Residential class is below cost of service, and other classes are above cost of
 service.

# 6 Q DO YOU HAVE AN ALTERNATIVE RECOMMENDATION FOR ALLOCATION OF 7 KCPL'S REVENUE REQUIREMENT?

8 A Yes. I will focus on adjustments to be made on a revenue neutral basis at present 9 rates. After having made my recommended revenue neutral adjustments at present 10 rates, any overall change in revenues allowed to KCPL can then be applied on an 11 equal percentage across-the-board basis to these adjusted class revenues.

### 12 Q PLEASE EXPLAIN YOUR SPECIFIC PROPOSAL.

A My specific proposal is shown on Schedule MEB-COS-6. Column 1 shows class revenues at current rates. Column 2 shows my proposed cost of service adjustment. This adjustment moves classes roughly 25% of the way toward cost of service. This 25% movement was selected because it makes a reasonable step in the right direction without imposing too disruptive of a revenue increase on the Residential class. An overall revenue-neutral increase of about 2.8% on the Residential class is a relatively modest step, but at least it is a step in the right direction.

20 While some will want to talk about the impact on the Residential class of this 21 increase, it is also important not to lose sight of the fact that by not moving all the way 22 to cost of service, the other customer classes are continuing to bear more of the 23 burden of the revenue responsibility than they should. My recommendation of 24 moving 25% of the way toward cost of service, which limits the Residential class revenue-neutral increase to 2.8% (as compared to the 11.2% increase required to
move all the way to cost of service) is relatively moderate, and must be considered in
light of the fact that other classes are being asked to continue to provide part of the
revenue responsibility that rightly should be shouldered by the Residential class.

5

## ANALYSIS OF LARGE CUSTOMER RATES

# 6 Q WHAT IS THE STRUCTURE OF THE TARIFFS APPLICABLE TO KCPL'S 7 LARGEST CUSTOMERS?

8 A The LGS and LPS tariffs consist of a series of charges differentiated by voltage level. 9 There are separate charges for service at secondary voltage, service at primary 10 voltage, service at substation voltage, and service at transmission voltage. The rates 11 charged at the higher voltage levels are lower than the rates charged at the lower 12 voltage levels in order to recognize differences in cost of service.

At each voltage level, the rate consists of customer charges, facilities charges, charges for reactive power, demand charges and energy charges. Demand charges and energy charges also are seasonally differentiated, with summer charges being applied during the four consecutive months beginning May 16 and ending September 15.

### 18 Q WHAT IS THE STRUCTURE OF THE DEMAND CHARGES?

A In addition to being seasonally differentiated, the demand charges at each voltage
level consist of multiple block charges.

1

Q

### WHAT IS THE STRUCTURE OF THE ENERGY CHARGES?

A The energy charges are structured as three "hours use" blocks. The three blocks consist of the first 180 hours use of the billing demand, the next 180 hours use of the billing demand and the tail block is for consumption in excess of 360 hours use of the billing demand.

6 These are what are known as hours use, or load factor based charges. The 7 rates decrease as the hours use increases to recognize the spreading of fixed costs 8 over more kilowatthours as the number of hours use, or load factor, increases. This 9 structure also recognizes that energy consumed in the high load factor block likely will 10 be off-peak or at times when energy costs are lower than during on-peak periods.

### 11 Q PLEASE EXPLAIN HOW THE HOURS USE FUNCTION WORKS.

A The number of kWh to be billed in each hours use block is determined by the
customer's billing demand and the amount of kWh purchased.

A customer operating basically one shift (eight hours a day for five days a week) would have usage in the range of 180 kWh per kW of billing demand.<sup>3</sup> A customer operating two shifts would utilize approximately twice that much energy, and therefore use an additional 180 or so kWh per kW of demand, thereby filling up both the first and second blocks.

Thus, it is reasonable to consider the first block as being primarily the daytime on-peak hours, the second block for early morning, evening and/or weekend hours, and the third block for additional use in weekend and nighttime hours. Given these considerations, it is appropriate that the energy charges for the initial hours use blocks be higher than for the third hours use block in order to collect more fixed costs during the on-peak and shoulder periods.

<sup>3</sup>8 hours/day x 5 days per week x 4.33 weeks per month = 173 hours

### 1 Q CAN YOU ILLUSTRATE WITH AN EXAMPLE OF HOW THE RATE WORKS?

Yes. Assume that a customer has a 1,000 kW billing demand, and uses 500,000 2 А 3 kWh in a month. This customer would be using 500 kWh per kW,<sup>4</sup> or 500 kWh for each kW of demand. To apply the rate, the 1,000 kW of demand would be multiplied 4 5 times 180 kWh per kW, which is the size of the first block, and would result in 180,000 kWh being priced out at the first block. The customer would also fully utilize the 6 7 second block, so 180,000 kWh would go in it as well and be priced at the second block rate. The remaining 140,000 kWh<sup>5</sup> would be billed in the third, or high load 8 9 factor block.

# 10QWHAT IS THE LEVEL OF THE ENERGY CHARGES FOR THE HIGH LOAD11FACTOR (OVER 360 HOURS USE) BLOCK UNDER CURRENT TARIFFS?

12 A The charges vary slightly by voltage level and by season, but range from 13 approximately  $2.4 \frac{k}{k}$  to  $2.6 \frac{k}{k}$  in LPS and from  $3.1 \frac{k}{k}$  to  $4.3 \frac{k}{k}$  for LGS.

# 14 Q DO YOU AGREE WITH THE LEVEL OF THE OFF-PEAK ENERGY CHARGES IN 15 THE CURRENT TARIFFS?

16 A No, I do not. I believe the high load factor block energy charges collect more fixed
17 costs than is appropriate.

### 18 Q PLEASE EXPLAIN.

A I have analyzed KCPL's current rate case filing and its claims for costs. KCPL's
 calculated average variable costs (Schedule TMR-8) are less than 1.7¢/kWh. The
 energy charges in the high load factor block of KCPL's current LGS and LPS tariffs

 $<sup>^{4}</sup>_{500,000} \div 1,000 \text{ kW} = 500 \text{ kWh/kW}$ 

<sup>&</sup>lt;sup>5</sup>500,000 - 180,000 - 180,000 = 140,000 kWh

are substantially higher, as previously noted. Since KCPL proposes an essentially
equal percentage increase to collect its requested revenue increase, these
relationships would be perpetuated. Since the primary driver for this case is
increased fixed costs, this equal percentage on the total rate is particularly
inappropriate.

### 6 Q WHAT DO YOU CONCLUDE FROM THIS REVIEW?

A Based on the level of the average variable costs and also the avoided energy costs, it
is clear that the off-peak energy charges are collecting more costs than appropriate.

### 9 Q WHAT SHOULD BE THE LEVEL OF THE OFF-PEAK ENERGY CHARGE?

10 A Recognizing that most of the fixed costs should be collected from use during the 11 on-peak period and that consumption in the high load factor block occurs mostly 12 during evening and weekend periods when KCPL's energy costs would be lower than 13 they are during the on-peak periods, it is reasonable that the high load factor energy 14 block be at a level approximating the utility's average variable costs.

This structure would collect more costs through demand charges and provide better price signals to customers. It would also be a more equitable rate because it will charge high load factor and low load factor customers more appropriately. This structure also would improve the stability of KCPL's earnings. Because customer demands are generally more stable than their energy purchases, this rate design would make KCPL's revenue collection and earnings less volatile.

> Maurice Brubaker Page 31

1 Q HOW DO YOU PROPOSE TO ADJUST THE LGS AND LPS RATES IN THIS 2 CASE?

3 А In the interest of gradualism, my proposal is to maintain the energy charges for the high load factor (over 360 hours use per month, or over a 50% load factor) block at 4 5 their current levels, increase the middle blocks (hours use from 181 to 360) by three quarters of the average percentage increase, and to collect the balance of the 6 7 revenue requirement for the tariff by applying a uniform percentage increase to the remaining charges in the tariff. This includes the customer charge, the reactive 8 9 demand charge, the facilities charges, the demand charges and the initial block 10 energy charges.

### 11 Q HAVE YOU PREPARED AN ILLUSTRATION OF THIS RATE DESIGN?

A Yes. This appears on Schedules MEB-COS-7 and MEB-COS-8 attached to my
 testimony.

### 14 Q PLEASE EXPLAIN SCHEDULE MEB-COS-7.

15 A The first two pages contain a summary of the rate values for the LPS rate. The first 16 column is present rates, the second is KCPL's proposed rates and the third is my 17 proposal at the level of KCPL's proposed increase. The first column of the detail 18 sheets for this schedule (pages 3-8) shows the billing units for each block of each 19 voltage level of the LPS rate. The next two columns show the current rates and 20 resulting revenues by block. The middle two columns show KCPL's proposed rates 21 and the resulting revenues.

- The final two columns show the rate based on KCPL's proposed increase to the LPS class, but with my rate design proposal.
- 24 Schedule MEB-COS-8 shows the same information for the LGS rate.

1 Q HOW WOULD THE RATES BE DESIGNED TO MATCH WHATEVER AMOUNT OF 2 INCREASE THE COMMISSION AWARDS TO KCPL IN THIS CASE?

A First, the amount of additional revenue to be collected from the LPS and LGS tariffs
would be determined. The increase for the middle block energy charges would be
equal to the overall percentage increase times 75%. The high load factor energy
blocks would not change. The balance of the increased revenue from each tariff
would be collected by uniformly increasing all of the remaining charges in the tariff.

### 8 Q IN ADDITION TO ITS PROPOSAL FOR AN EQUAL PERCENTAGE ACROSS-THE-

BOARD INCREASE, HAS KCPL PROPOSED ANY NEW RATES OR RATE
 DESIGN?

11 A No, it has not. It seems content to simply apply an equal percentage increase to all of 12 the charges. KCPL should be examining the tariff schedules and attempting to move 13 the rate elements closer to cost of service, to enhance the price signals given to 14 customers.

### 15 Q IS THERE ANYTHING ELSE THAT KCPL SHOULD BE DOING?

16 A Yes. KCPL should be working with its larger customers, especially those who have 17 unique load patterns and abilities to curtail load, to determine what rate or contract 18 features would be appropriate to meet the needs of these customers, which may be 19 different from what is contained in the standard tariffs.

# 20 Q DO THESE CUSTOMERS OFFER BENEFITS TO KCPL AND ITS OTHER 21 RATEPAYERS?

A Yes. In many cases, these customers have unique load characteristics which allow
 KCPL to reduce its peak demand or to otherwise improve its overall load factor. For

instance, some large customers have significant abilities to interrupt load. By making
effective use of the interruptible nature of these customers, KCPL should be better
able to reduce its annual peak and thereby reduce its overall revenue requirement.
Other customers may offer other features. By providing tailored opportunities to
these customers, KCPL should be able to increase its overall load factor and reduce
its overall operating costs.

7

### **ENERGY LOSSES**

8 Q EARLIER IN YOUR TESTIMONY (PAGE 9) YOU MENTIONED ENERGY LOSSES 9 AND HOW THEY DIFFER ACROSS CUSTOMER CLASSES. HAVE YOU 10 PREPARED A SUMMARY OF ENERGY LOSSES BY RATE AND BY VOLTAGE 11 LEVEL?

Yes. They are summarized on Schedule MEB-COS-9. Column 1 shows energy 12 Α 13 sales at the customer's meter and column 2 shows the amount of energy required to be produced at the generator in order to overcome the losses incurred through the 14 15 system in order to deliver the energy to the meter shown in column 1. Column 3 16 shows the loss factor, which is determined by dividing the energy at the generator by 17 the energy at the meter. As shown on this schedule, and as summarized on lines 41 through 45, KCPL delivers energy to customers at four distinct voltage levels. They 18 19 are the secondary voltage level, the primary voltage level, the substation voltage level 20 and the transmission voltage level. Losses range from a high of 6.1288% at the 21 secondary voltage level down to 1.5651% at the transmission voltage level.

> Maurice Brubaker Page 34

 1 Q
 WERE THESE DIFFERENCES IN LOSSES TAKEN INTO ACCOUNT IN

 2
 PREPARING THE CLASS COST OF SERVICE STUDY?

3 A Yes.

- 4 Q KCPL HAS PROPOSED A FUEL ADJUSTMENT CHARGE ("FAC") IN THIS CASE.
- 5 WHAT VOLTAGE LEVELS HAS IT PROPOSED TO DISTINGUISH IN THIS FAC?

6 A Only two. The secondary voltage level, and the primary voltage level.

- 7 Q WHERE ARE SUBSTATION AND TRANSMISSION LEVEL CUSTOMERS 8 ACCOUNTED FOR?
- 9 A They are accounted for in the primary voltage category in KCPL's proposed FAC.

### 10 Q IS THIS APPROPRIATE?

11 A No. As can be seen from Schedule MEB-COS-9, lines 41 through 44, charging 12 substation customers the primary voltage level line loss factor would essentially 13 overcharge them by 50% for losses (3.7072% versus the correct 2.4828%); and 14 would overcharge transmission level customers by 140% for losses compared to what 15 they should be charged (3.7072% instead of the correct 1.5651%).

### 16 Q WHAT IS YOUR RECOMMENDATION?

A Should the Commission determine to allow KCPL to have an FAC, either in this case
or in a future case, KCPL should be required to track and charge customers
according to the four separate voltage levels at which delivery takes place, and not
the two levels it has proposed in this case.

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## 1 Q DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

2 A Yes, it does.

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BRUBAKER & ASSOCIATES, INC.

## Analysis of KCP&L's (Missouri) Monthly Peak Demands as a Percent of the Annual System Peak For the Test Year Ended March 31, 2014



## Analysis of KCP&L's Monthly Peak Demands as a Percent of the Annual System Peak (Weather Normalized and with Losses) For the Test Year Ended March 31, 2014

	Total	
	Company	
<b>Description</b>	MW	<u>Percent</u>
	(1)	(2)
January	1,475	79.1
February	1,403	75.2
March	1,347	72.2
April	1,177	63.1
May	1,341	71.9
June	1,821	97.6
July	1,768	94.8
August	1,852	99.3
September	1,865	100.0
October	1,507	80.8
November	1,268	68.0
December	1,417	76.0
	Description January February March April May June July August September October November December	Total CompanyDescriptionMW (1)January1,475February1,403March1,347April1,177May1,341June1,821July1,768August1,852September1,865October1,507November1,268December1,417

Source: KCPL Allocators MO Rev 10-9-14 Avg-Pk 4 CP - not included in 12-1-14 wkps.xls

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### Development of Average and Excess Demand Allocator Based on 4 Non-Coincident Peaks For the Test Year Ended March 31, 2014

Line	Description	Missouri Retail	Residential	Small General Service	Medium General Service	Large General Service	Large Power Service	Other Lighting
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
<sup>`</sup> 1	Missouri System Peak	1,865,474						
2	Avg of 4 Highest Monthly NCP Values	1,995,865	829,217	107,989	259,550	433,597	344,357	21,155
3	Energy Sales with Losses - MWh	9,137,285	2,762,813	437,815	1,180,913	2,374,639	2,289,849	91,256
4 5	Average Demand - kW Average Demand - Percent	1,043,069 1.000000	315,390 0.302367	49,979 0.047915	134,807 0.129241	271,077 0.259884	261,398 0.250605	10,417 0.009987
6 7	Class Excess Demand - kW Class Excess Demand - Percent	952,795 1.000000	513,827 0.539284	58,010 0.060884	124,742 0.130922	162,519 0.170571	82,959 0.087069	10,737 0.011269
8 9 10	Allocator: Annual Load Factor * Average Demand (1-LF) * Excess Demand Average and Excess Demand Allocator	0.559144 0.440856 1.000000	0.169067 0.237746 0.406813	0.026792 0.026841 0.053633	0.072264 0.057718 0.129982	0.145313 0.075197 0.220510	0.140124 0.038385 0.178509	0.005584 0.004968 0.010552
	Notes: Line 4 equals Line 3 ÷ 8.760 Line 6 equals Line 2- Line 4							
	System Annual Load Factor 1 - Load Factor	55.91% 44.09%						

Source: KCPL Allocators MO\_BAI A&E 4NCP.xis

### KANSAS CITY POWER & LIGHT COMPANY 2015 RATE CASE - Direct COST OF SERVICE - Missouri Jurisdiction TY 3/31/14; Update 10/31/14; K&M 4/30/15

LINE NO.	DESCRIPTION	MISSOURI RETAIL	RESIDENTIAL	SMALL GEN. SERVICE	MEDIUM GEN. SERVICE	LARGE GEN. SERVICE	LARGE PWR SERVICE	TOTAL LIGHTING
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
0010	SCHEDULE 1 - SUMMARY OF OPERATING INC & RATE BASE							
0020								
0030	OPERATING REVENUE							
0040	RETAIL SALES REVENUE	767,355,793	285,159,916	48,836,426	103,290,211	180,113,158	140,231,588	9,724,494
0050	OTHER OPERATING REVENUE	413,609,396	125,837,740	19,884,843	53,458,451	107,158,663	103,120,092	4,149,607
0060	TOTAL OPERATING REVENUE	1,180,965,189	410,997,657	68,721,269	156,748,662	287,271,821	243,351,680	13,874,101
0070								
0080	OPERATING EXPENSES							
0090	FUEL	222,511,027	67,728,466	10,682,297	28,775,951	57,587,231	55,508,702	2,228,380
0100	PURCHASED POWER	304,735,754	92,266,295	14,608,136	39,377,911	79,157,649	76,274,910	3,050,853
0110	OTHER OPERATION & MAINTENANCE EXPENSES	303,491,601	139,689,302	18,682,799	36,027,870	57,267,707	47,518,146	4,305,777
0120	DEPRECIATION EXPENSES (AFTER CLEARINGS)	116,953,542	52,208,247	6,970,884	15,425,179	23,247,599	17,613,915	1,487,717
0130	AMORTIZATION EXPENSES	15,665,901	6,865,297	916,243	2,054,517	3,195,373	2,433,169	201,304
0140	TAXES OTHER THAN INCOME TAXES	58,619,563	26,071,981	3,481,329	7,562,820	11,747,578	8,992,931	762,924
0150	CURRENT INCOME TAXES	14,819,681	(9,089,993)	2,552,016	4,638,729	11,166,150	5,349,505	203,275
0160	DEFERRED INCOME TAXES	15,669,609	6,977,397	928,259	2,036,240	3,142,916	2,383,050	201,748
0170	TOTAL ELECTRIC OPERATING EXPENSES	1,052,466,678	382,716,990	58,821,963	135,899,216	246,512,204	216,074,328	12,441,978
0180	·							
0190	NET ELECTRIC OPERATING INCOME	128,498,510	28,280,667	9,899,306	20,849,446	40,759,617	27,277,352	1,432,123
0200								
0210	RATE BASE							
0220	TOTAL ELECTRIC PLANT	5,043,175,544	2,237,230,843	297,417,210	654,870,945	1,015,991,409	773,405,343	64,259,795
0230	LESS: ACCUM. PROV. FOR DEPREC	2,040,172,942	907,460,159	121,870,051	260,887,951	407,122,970	310,854,552	31,977,259
0240	NET PLANT	3,003,002,603	1,329,770,684	175,547,159	393,982,994	608,868,439	462,550,791	32,282,536
0250	PLUS:							
0260	CASH WORKING CAPITAL	(58,530,428)	(24,593,292)	(3,597,758)	(7,713,909)	(12,436,892)	(9,449,627)	(738,950)
0270	MATERIALS & SUPPLIES	57,386,822	24,327,688	3,229,513	7,495,633	12,137,420	9,519,192	677.376
0280	PREPAYMENTS	6,397,922	2,767,998	361,890	811,368	1,330,598	1,055,766	70,301
0290	FUEL INVENTORY	80,107,604	24,200,924	3,835,784	10,358,639	20,800,550	20,110,413	801,295
0300	REGULATORY ASSETS	111,292,579	46,523,925	7,623,896	13,604,587	23,309,701	18,914,583	1,315,888
0310	LESS:							
0320	CUSTOMER ADVANCES FOR CONSTRUCTION	167,781	91,553	12,598	22,671	24,733	12,753	3,474
0330	CUSTOMER DEPOSITS	3,567,416	1,780,441	1,424,044	301,429	56,982	4,521	0
0340	DEFERRED INCOME TAXES	599,672,820	266,024,158	35,365,221	77,869,252	120,809,285	91,963,914	7,640,990
0350	DEFERRED GAIN ON SO2 EMISSIONS ALLOWANCE	39,136,133	11,833,473	1,875,216	5,058,000	10,170,874	9,807,708	390,863
0360	DEFERRED GAIN(LOSS) EMISSIONS ALLOWANCE	23,191	7,012	1,111	2,997	6,027	5,812	232
0370	TOTAL RATE BASE	2,557,089,761	1,123,261,290	148,322,294	335,284,963	522,941,916	400,906,411	26,372,888
0380				•				
0390	RATE OF RETURN	5.025%	2.518%	6.674%	6.218%	7.794%	6.804%	5.430%
0400	RELATIVE RATE OF RETURN	1.00	0.50	1.33	1.24	1.55	1.35	1.08

Notes:

Production Plant and Expense, and Transmission Allocated using A&E-4NCP.

Schedule MEB-COS-4

### Class Cost of Service Study Results and Revenue Adjustments to Move Each Class to Cost of Service Using Modified ECOS at Present Rates (\$ in Thousands)

Line	Rate Class	C Re	Current evenues (1)	1	Current Rate Base (2)	0	Net perating Income (3)	Earned ROR (4)	Indexed ROR (5)	In Cur	come @ rent ROR (6)	Di <sup>.</sup> in	fference Income (7)	R ir	evenue acrease (8)	Percentage Increase (9)
1	Residential	\$	410,998	\$	1,123,261	\$	28,281	2.518%	50	\$	56,446	\$	28,165	\$	46,220	11.2%
2	Small General Service		68,721		148,322		9,899	6.674%	133		7,453		(2,446)		(4,014)	-5.8%
3	Medium General Service		156,749		335,285		20,849	6.218%	124		16,849		(4,001)		(6,565)	-4.2%
4	Large General Service		287,272		522,942		40,760	7.794%	155		26,279		(14,481)		(23,764)	-8.3%
5	Large Power Service		243,352		400,906		27,277	6.804%	135		20,146		(7,131)		(11,702)	-4.8%
6	Total Lighting		13,874	. <u> </u>	26,373		1,432	5.430%	108		1,325		(107)	<u></u>	(175)	-1.3%
7	Total	<b>\$</b> 1	1,180,965	\$	2,557,090	\$	128,499	5.025%	100	\$	128,499	\$	0	\$	0	0.0%

Source: Schedule MEB-COS-4

Schedule MEB-COS-5

Recommended Cost of Service Adjustments Using Modified ECOS at Present Rates (\$ in Millions)

Line	Rate Class	C Re	urrent	Mov Towa Of S	ve 25% ard Cost ervice <sup>(1)</sup>	A ( R	djusted Surrent evenue	Revenue-neutral Percent increase in Current Revenue
			(1)		(2)		(3)	(4)
1	Residential	\$	411.0	\$	11.6	\$	422.6	2.8 %
2	Small General Service		68.7		(1.0)		67.7	(1.5)%
3	Medium General Service		156.7		(1.6)		155.1	(1.0)%
4	Large General Service		287.3		(5.9)		281.3	(2.1)%
5	Large Power Service		243.4		(2.9)		240.4	(1.2)%
6	Total Lighting		13.9		(0.0)		13.8	(0.3)%
7	Total	\$	1,181.0	\$	-	\$	1,181.0	0.0 %

(1) Increase to equal cost of service from column 8 of Schedule MEB-COS-5, times 25%.

Schedule MEB-COS-6

### KCP&L-MO LARGE POWER SERVICE SUMMARY OF PROPOSED SCENARIOS ER-2014-0370 Direct Filing

\* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

IN	PUT FOR MODEL	the second second	
Cust Chg	Current Rates	Company Proposed Rates	Rate Design Rates *
A: CUSTOMER CHARGE	and the state of the second		
	961.50	1,110.63	1,157.29
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		-
		-	
B: FACILITIES CHARGE			
SECONDARY:	3.220	3.719	3.876
PRIMARY:	2.669	3.083	3.212
SUBSTATION VOLTAGE	0.806	0.931	0.970
TRANSM VOLTAGE		-	
C: DEMAND CHARGE			
SECONDARY-SUMMER:	Later and the second second		
First 2443 kw	12.493	14.431	15.037
Next 2443 kw	9.993	11.543	12.028
Next 2443 kw	8.371	9.669	10.076
All kw over 7329 kw	6.111	7.059	7.355
SECONDARY-WINTER			
First 2443 kw	8.492	9.809	10.221
Next 2443 kw	6.626	7.654	7.975
Next 2443 KW	5.846	0.753	7.036
All KW OVER 7329 KW	4.000	5.198	5.410
PRIMARY-SUMMER			
First 2500 kw	12.206	14.099	14.691
Next 2500 kw	9.765	11.280	11.753
Next 2500 kw	8.179	9.448	9.844
All kw over 7500 kw	5.972	6.898	7.188
PRIMARY-WINTER			
First 2500 kw	8.296	9.583	9.985
Next 2500 kw	0.470	7.480	1.195
All law over 7500 km	0.712	0.098	6.8/5
All KW OVEL 7500 KW	4.399	5.061	5.295
SUBSTATION-SUMMER			
First 2530 kw	12.060	13.931	14.516
Next 2530 kw	9.648	11.144	11.613
Next 2530 kw	8.082	9.336	9.728
All kw over 7590 kw	5.901	6.816	7.103
SUBSTATION-WINTER	0.400	0.474	0.000
First 2530 kw	8.199	9.4/1	9.869
Next 2530 kw	0.399	7.392	1.702
All bu over 7590 by	0.040	0.022	5.221
AILAN OVEL 1050 KW	4.040	5.020	5.2.51
TRANSMISSION-SUMMER			
First 2553 kw	11.956	13.810	14.391
Next 2553 kw	9.562	11.045	11.509
Next 2553 kw	8.008	9.250	9.639
All kw over 7659 kw	5.848	6.755	7.039
TRANSMISSION-WINTER	State State		
First 2553 kw	8.125	9.385	9.779
Next 2553 kw	6.342	7.326	7.633
Next 2553 KW	5.595	6.463	6.734
All KW OVEL 7039 KW	4.307	4.9/5	5.184

Schedule MEB-COS-7 Page 1 of 8

## KCP&L-MO LARGE POWER SERVICE SUMMARY OF PROPOSED SCENARIOS ER-2014-0370 Direct Filing

\* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

INPUT FOR MODEL Company Rate Design **Cust Chg Current Rates Proposed Rates** Rates \* D: ENERGY CHARGE SECONDARY-SUMMER: 0-180 hrs use per month 0.07822 0.09035 0.09415 181-360 hrs use per month 0.04911 0.05673 0.05482 0.02566 0.02964 0.02566 361+ hrs use per month SECONDARY-WINTER: 0.07659 0.07981 0.06631 0-180 hrs use per month 181-360 hrs use per month 0.04468 0.05161 0.04988 361+ hrs use per month 0.02541 0.02935 0.02541 PRIMARY-SUMMER: 0.08828 0.07643 0.09199 0-180 hrs use per month 0.04800 181-360 hrs use per month 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.07485 0.07799 0-180 hrs use per month 0.06480 181-360 hrs use per month 0.05042 0.04873 0.04365 0.02484 0.02869 0.02484 361+ hrs use per month SUBSTATION-SUMMER 0-180 hrs use per month 0.07554 0.08726 0.09092 181-360 hrs use per month 0.04744 0.05480 0.05296 0.02477 0.02861 0.02477 361+ hrs use per month SUBSTATION-WINTER 0-180 hrs use per month 0.06405 0.07398 0.07709 181-360 hrs use per month 0.04314 0.04983 0.04816 0.02454 0.02835 0.02454 361+ hrs use per month TRANSMISSION-SUMMER 0-180 hrs use per month 0.07487 0.08648 0.09012 181-360 hrs use per month 0.04701 0.05430 0.05248 0.02837 361+ hrs use per month 0.02456 0.02456 TRANSMISSION-WINTER 0.06346 0.07330 0.07638 0-180 hrs use per month 181-360 hrs use per month 0.04275 0.04938 0.04772 361+ hrs use per month 0.02431 0.02808 0.02431 E: REACTIVE DEMAND ADJUSTMENT 0.808 0.935 0.973 100.00% 15.51 15.83 GS Primary 100.00% 100.00% 100.00% GS Transmission Voltage 0.00% GS Overall Change (\*) Winter Price Below Summer (SUM-WIN)/SUM 12.8% \$142,458,316 \$164,551,370 \$164,550,723 Revenue \$22,092,407 Change in Revenue Proposed change per Revenue Summary \$22,093,056 (\$648)

### MO LARGE POWER SECONDARY VOLTAGE - LPGSS

### \* Equal Percent Increase to All Rate Components except Energy 181-380 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

SUMMER								
			PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/R/	ATE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE	8						
	A COSTOMENTONANGE	112.3	\$961.50	S108.003	1,110.63	\$124,755	\$1,157,29	\$129,996
		-	\$0.00	\$0	14,0 A C C C C C C C C C C C C C C C C C C	\$0	\$0.00	\$0
			\$0.00	\$0		\$0	\$0.00	\$0
		112		\$108,003		\$124,755		\$129,996
	D. FACULTURE OUNDOR	070 005 0	60.000	6070 070	60 740	64 007 570	63.076	\$1.0F0.10F
	B: FACILITIES CHARGE	270,925.0	\$3.220	\$612,310	\$3.719	\$1,007,570	\$3.070	\$1,050,105
	C: DEMAND CHARGE							
	First 2443 kw	216,105.0	\$12.493	\$2,699,800	\$14.431	\$3,118,611	\$15.037	\$3,249,571
	Next 2443 kw	60,492.5	\$9.993	\$604,501	\$11.543	\$698,264	\$12.028	\$727,603
	Next 2443 kw	20,603.7	\$8.371	\$172,473	\$9.669	\$199,217	\$10.076	\$207,603
	Over 7329 kw	2,093.4	\$6.111	\$12,793	\$7.059 -	\$14,777	\$7.355 _	\$15,397
	D. ENERGY CHARGE	299,294	-	\$3,489,567	3	\$4,030,869	-	\$4,200,173
	0.180 bre use per month	53 750 800 0	\$0.07822	\$4 204 388	\$0.09035	\$4,856,385	\$0.09415	\$5,060,638
	181-360 hrs use per month	53 123 832 1	\$0.07022	\$2,608,911	\$0.05673	\$3,013,715	\$0.05482	\$2 912 248
	361+ hrs use per month	65,994,995,5	\$0.02566	\$1,693,432	\$0.02964	\$1,956,092	\$0.02566	\$1,693,432
		172,869,629	10 A	\$8,506,731	1000-1001 - 100-100	\$9,826,192		\$9,666,318
						6 U	84. U - 24	10 N
	E: REACTIVE DEMAND ADJUSTMENT	2,478.4	\$0.8080	\$2,003	\$0.9347	\$2,317	\$0.9730	\$2,411
	MANUAL BULC			50		50		60
	MANUAL BILLS			\$0		50		30
	REVENUE			\$12,978,681		\$14,991,702		\$15,049,004
	c/kwh			\$0.0751		\$0.0867		\$0.0871
	OVERALL CHANGE (%)	2664				15.51%		15.95%
	used to reference avg customer	1,538,973						
WINTER								
			PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/R/	ATE DESIGN *
		DILLING LIMITS	Dete	Decision	Data	D	Data	Deves
		DILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
		BILLING UNITS	Rate	Revenue	Kate	Revenue	Nate	Revenue
	A: CUSTOMER CHARGE			Revenue	Kale	Revenue	Ct 157 20	6212.020
	A: CUSTOMER CHARGE	269.7	\$961.50	\$259,290	1,110.63	\$299,506	\$1,157.29	\$312,089
	A: CUSTOMER CHARGE	269.7	\$961.50 \$0.00 \$0.00	\$259,290 \$0 \$0	1,110.63	\$299,506 \$0 \$0	\$1,157.29 \$0.00 \$0.00	\$312,089 \$0 \$0
	A: CUSTOMER CHARGE	269.7 	\$961.50 \$0.00 \$0.00	\$259,290 \$0 \$0 \$259,290	1,110.63	\$299,506 \$0 \$0 \$299,506	\$1,157.29 \$0.00 \$0.00	\$312,089 \$0 \$0 \$312,089
	A: CUSTOMER CHARGE	269.7 	\$961.50 \$0.00 \$0.00 	\$259,290 \$0 \$0 \$259,290	1,110.63	\$299,506 \$0 \$0 \$299,506	\$1,157.29 \$0.00 \$0.00	\$312,089 \$0 \$0 \$312,089
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	269.7 	\$961.50 \$0.00 \$0.00 \$0.00 \$3.220	\$259,290 \$0 \$0 \$259,290 \$259,290 \$2,107,307	1,110.63 	\$299,506 \$0 \$0 \$299,506 \$299,506 \$2,433,874	\$1,157.29 \$0.00 \$0.00 \$3.876	\$312,089 \$0 \$0 \$312,089 \$312,089 \$2,536,621
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	269.7 	\$961.50 \$0.00 \$0.00 	\$259,290 \$0 \$0 \$259,290 \$2,107,307	1,110.63 	\$299,506 \$0 \$299,506 \$299,506 \$2,433,874	\$1,157.29 \$0.00 \$0.00 \$3,876	\$312,089 \$0 \$0 \$312,089 \$312,089 \$2,536,621
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE	269.7 	\$961.50 \$0.00 \$0.00 \$3.220 \$3.220	\$259,290           \$0           \$259,290           \$0           \$259,290           \$2,107,307           \$2,426,802	1,110.63 1,110.63 \$3.719	\$299,506 \$0 \$299,506 \$299,506 \$2,433,874	\$1,157.29 \$0.00 \$0.00 \$3.876	\$312,089 \$0 \$312,089 \$312,089 \$2,536,621 \$4,124,511
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw	269.7 270 654,443.0 403,533.0	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.656	\$259,290 \$0 \$0 \$259,290 \$259,290 \$2,107,307 \$3,426,802 \$509,489	1,110.63 - - - - - - - - - - - - - - - - - - -	\$299,506 \$0 \$299,506 \$299,506 \$2,433,874 \$3,958,255 \$702,894	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.975	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.646	\$259,290 \$0 \$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436	1,110.63 1,110.63 53.719 \$9.809 \$7.654 \$6.753	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.036 \$7.036	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93,6	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500	Revenue         \$           \$259,290         \$           \$0         \$           \$259,290         \$           \$2,107,307         \$           \$3,426,802         \$           \$608,489         \$           \$118,436         \$           \$421         \$	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$142,545 \$507
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw	269.7 270 654,443.0 91,833.5 20,259.3 93.6 515,720	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$4.500	Revenue           \$259,290           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$14,154,149	1,110.63 	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10,221 \$7,975 \$7,036 \$5,416	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 	Revenue           \$259,290           \$0           \$0           \$259,290           \$259,290           \$2,107,307           \$3,426,802           \$608,469           \$118,436           \$41,154,149	1,110.63 	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month	269.7 270 654,443.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$ \$.006631	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048	\$3.719 \$3.809 \$7.654 \$6.753 \$5.198 \$0.07659	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.935 \$5.416 \$0.07981	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,623 \$7,298,623
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 	Revenue           \$259,290           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,047,207	\$3.719 \$9.809 \$7.654 \$6.753 \$5.199 \$0.07659 \$0.05161 \$0.02659	\$299,506 \$0 \$299,506 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$2,000,610	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.036 \$5.416 \$0.07981 \$0.07981 \$0.07981	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,623 \$4,504,892 \$2,502,017
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 80,314,589.5 103,223,817.2 284,989,396	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.0468 \$0.02541	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$2,622,917           \$2,2622,917           \$2,2622,917	1,110.63 	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$7,004,154 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,623 \$4,504,892 \$2,622,917 \$14,404,432
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	269,7 270 654,443,0 403,533,0 91,833,5 20,259,3 93,6 515,720 91,449,97,1 90,314,589,5 103,223,817,2 284,988,386	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.0468 \$0.02541 	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,469           \$118,436           \$4154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221	1,110.63 	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,623 \$4,504,892 \$2,622,917 \$14,426,432
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6	\$9961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541 \$0.02541 \$0.02541 \$0.08080	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$603,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217	\$3,719 \$3,809 \$7,654 \$6,753 \$5,198 \$0,07659 \$0,05161 \$0,02935 \$0,9347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$4,879	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.04988 \$0.04988 \$0.04988 \$0.04988	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,629 \$7,298,629 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-361 hrs use per month 361 hrs use per month	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$4.500 \$0.06631 \$0.04683 \$0.02541 \$0.02541 \$0.02541 \$0.08080	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935 \$0.9347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$4,879	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.07981 \$0.04988 \$0.02541 \$0.04988 \$0.02541	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,293,623 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541 \$0.04468 \$0.02541 \$0.0458	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007	1,110.63 53.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935 \$0.9347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$4,879 \$233,339	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541 \$0.04988 \$0.02541	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,933 \$7,298,623 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month	269.7 270 654,443.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 80,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800	\$9961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.06631 \$0.0468 \$0.02541 \$0.02541 \$0.02541 \$0.02541	Revenue           \$259,290           \$0           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$508,469           \$118,436           \$4124           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$10,440,101	1,110.63 , \$3,719 \$9,809 \$7,654 \$6,753 \$5,198 \$0,07659 \$0,07659 \$0,02935 \$0,02935 \$0,09347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,694,909 \$14,694,909 \$4,879 \$233,339	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541 \$0.04988 \$0.02541 \$0.09730	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,293,623 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339 \$22,512,405
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month 181-360 hrs use per mon	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,600	\$9961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541 \$0.02541 \$0.08080	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$19,449,191           \$0,0675	1,110.63 - - - - - - - - - - - - - - - - - - -	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$135,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$4,879 \$233,339 \$22,464,954 \$0,0780	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.02541 \$0.02541 \$0.02541 \$0.02541	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,625 \$7,298,629 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339 \$22,513,495 \$0,0784
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361+ hrs use per month 181-361 hrs use per month 181-360 km use per month 181-360 hrs use per mon	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,222,817.2 284,988,386 5,219.6 3,133,800	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.0468 \$0.02541 \$0.02541 \$0.02541 \$0.08080	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$18,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$19,449,191           \$0,0675	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935 \$0.9347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$467 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$14,694,909 \$4,879 \$22,36,339 \$22,464,954 \$0,0780 \$5,51%	\$1,157.29 \$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.04988 \$0.02541 \$0.04988 \$0.02541 \$0.04988	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,623 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339 \$22,513,495 \$0.0781 15,76%
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ krs use per mont	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800 1912 1,068,417	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541 \$0.02541 \$0.02541 \$0.02541 \$0.02541 \$0.02541	Revenue           \$259,290           \$0           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$19,449,191           \$0,0675	1,110.63 , \$3.719 \$9.809 \$7.654 \$6.753 \$5.199 \$0.07659 \$0.05161 \$0.02935 \$0.02935 \$0.9347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$14,694,909 \$4,879 \$233,339 \$22,464,954 \$0,0780 15,51%	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541 \$0.04988 \$0.02541	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,623 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339 \$22,513,495 \$0,0781 15,76%
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per mont	269.7 270 654,443.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 80,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800 1912 1,068,417	\$9961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.0468 \$0.02541 \$0.02541 \$0.8080	Revenue           \$259,290           \$0           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,429           \$118,436           \$4124           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$19,449,191           \$0.0675	1,110.63 , \$3,719 \$9,809 \$7,654 \$6,753 \$5,193 \$0,07659 \$0,07659 \$0,02935 \$0,02935 \$0,09347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,61,136 \$3,029,619 \$14,694,909 \$4,879 \$233,339 \$22,464,954 \$0,0780 15,51%	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541 \$0.04988 \$0.02541 \$0.09730	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$5077 \$4,999,935 \$7,293,623 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339 \$22,513,495 \$0,0781 15,76%
ų.	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per mon	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800 1912 1,068,417	\$9961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541 \$0.02541 \$0.08080	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$19,449,191           \$0.0675	1,110.63 - - - - - - - - - - - - - - - - - - -	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$4,879 \$2233,339 \$22,464,954 \$0,0780 15,51%	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.02541 \$0.02541 \$0.02541 \$0.02541	\$312,089 \$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,625 \$7,298,629 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339 \$22,513,495 \$0,0781 15,76%
ANNUAL	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month 181-361 hrs use per month 181-362 hrs use per month 181-364 hrs use per mon	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800 1912 1,068,417 460,991,814	\$9961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541 \$0.02541 \$0.8080	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,035,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$19,449,191           \$0,0675           \$32,427,872	1,110.63 1,110.63 33.719 \$9.809 \$7.654 \$6.753 \$5.198 9 \$0.07659 \$0.05161 \$0.02935 \$0.05161 \$0.02935 \$0.9347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136 \$3,029,619 \$14,694,909 \$4,879 \$233,339 \$22,464,954 \$0.0780 15,51%	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10,221 \$7,975 \$7,036 \$5,416 \$0,04988 \$0,02541 \$0,04988 \$0,02541 \$0,04988	\$312,089 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,262,917 \$144,426,432 \$5,079 \$233,339 \$22,513,495 \$0,0781 15,76%
ANNUAL clkvh	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hr	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800 1912 1,068,417 460,991,814	\$961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541 \$0.02541 \$0.0458 \$0.02541 \$0.02541 \$0.0458	Revenue           \$259,290           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,489           \$118,436           \$421           \$4,154,149           \$6,064,048           \$4,217           \$202,007           \$19,449,191           \$0,0675           \$32,427,872           \$0,0703	1,110.63 53.719 \$9.809 \$7.654 \$6.753 \$5.199 \$0.07659 \$0.02935 \$0.02935 \$0.02935	Revenue           \$299,506           \$0           \$299,506           \$299,506           \$2,433,874           \$3,958,255           \$702,894           \$136,811           \$487           \$4,798,447           \$7,004,154           \$4,661,136           \$3,029,619           \$14,664,909           \$4,879           \$233,339           \$22,464,954           \$0,0780           15,51%           \$37,456,656           \$0,081           \$16,514	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541 \$0.04988 \$0.02541	\$312,089           \$0           \$0           \$2,536,621           \$4,124,511           \$732,372           \$142,545           \$507           \$4,999,935           \$2,622,917           \$14,426,432           \$5,079           \$22,513,495           \$0,0781           15,76%           \$37,562,499           \$0,0781           \$6,929
ANNUAL c/kwh OVERALL	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per mont	269.7 270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720 91,449,979.1 90,314,589.5 103,223,817.2 284,988,386 5,219.6 3,133,800 1912 1,068,417 460,991,814	\$9961.50 \$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$4.500 \$0.06631 \$0.0468 \$0.02541 \$0.02541 \$0.02541 \$0.02541	Revenue           \$259,290           \$0           \$0           \$0           \$259,290           \$2,107,307           \$3,426,802           \$608,469           \$118,436           \$4118,436           \$4,154,149           \$6,064,048           \$4,05,256           \$2,622,917           \$12,722,221           \$4,217           \$202,007           \$19,449,191           \$0.0675           \$32,427,872           \$0.0703	1,110.63 53.719 \$9.809 \$7.654 \$6.753 \$5.193 \$0.07659 \$0.02935 \$0.02935 \$0.02935 \$0.9347	\$299,506 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,694,909 \$14,694,909 \$4,879 \$233,339 \$22,464,954 \$0,0780 15,51% \$37,456,656 \$0,0813 15,51%	\$1,157.29 \$0.00 \$0.00 \$3,876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541 \$0.04988 \$0.02541 \$0.9730	Kevenue           \$312,089           \$0           \$312,089           \$2,536,621           \$4,124,511           \$732,372           \$142,545           \$5079           \$2,622,917           \$14,426,432           \$5,079           \$22,513,495           \$0,0781           15,76%           \$37,562,499           \$0,0815           \$15,83%

C/Users/tsk/AppData/Loca/Temp/(277169\_1xtsv)RATE SUMMARIES

MO LARGE POWER PRIMARY VOLTAGE - LPGSP

#### \* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

			PRESENT	RATES	COMPANY PROP	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A. CUSTOWED CUADOE							
	A: CUSTOMER CHARGE	1017	6001 60	\$100 705	1 110 62	6116 005	1 157 00	6101 010
		104.7	\$901.50	\$100,705	1,110.03	\$110,325	1,157.29	\$121,212
		-	\$0.00	50	1	50		50
		105	\$0.00	\$100 705	-	\$116 325	-	\$121 212
		105	-	\$100,705		\$110,525	-	\$121,212
	B: FACILITIES CHARGE	517,154.0	\$2.669	\$1,380,284	\$3.083	\$1,594,386	\$3.212	\$1,661,099
	C: DEMAND CHARGE							
	First 2500 kw	266,726.0	\$12.206	\$3,255,658	\$14.099	\$3,760,570	\$14.691	\$3,918,472
	Next 2500 kw	134,291.2	\$9.765	\$1,311,353	\$11.280	\$1,514,804	\$11.753	\$1,578,324
	Next 2500 kw	66,761.8	\$8.179	\$546,045	\$9.448	\$630,765	\$9.844	\$657,203
	Over 7500 kw	92,512.7	\$5.972	\$552,486	\$6.898	\$638,153	\$7.188	\$664,981
		560,292		\$5,665,541		\$6,544,292		\$6,818,980
	D: ENERGY CHARGE		_		_		_	
	0-180 hrs use per month	100,638,671.3	\$0.07643	\$7,691,814	\$0.08828	\$8,884,382	\$0.09199	\$9,257,751
	181-360 hrs use per month	99,100,446.1	\$0.04800	\$4,756,821	\$0.05544	\$5,494,129	\$0.05358	\$5,309,802
	361+ hrs use per month	108,621,955.3	\$0.02507	\$2,723,152	\$0.02896	\$3,145,692	\$0.02507	\$2,723,152
		308,361,073	-	\$15,171,787	-	\$17,524,202	-	\$17,290,706
	E: REACTIVE DEMAND ADJUSTMENT	35,318	\$0.808	\$28,537	\$0.935	\$33,012	\$0.973	\$34,365
	E: MANUAL BILL USAGE/REVENUE	3,978,179		\$373,142		\$431,018		\$431,018
	REVENUE			\$22,719,998		\$26,243,236		\$26 357 379
	c/kwh		- PE	\$0.0727		\$0.0840		\$0,0844
	OVERALL CHANGE (%)	5349				15.51%		16.01%
	used to reference avg customer	2,982,112						0.000
WANTED								
Interest			PRESENT	RATES	COMPANY PROP	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
		256.3	\$961.50	\$246 396	1 110 63	\$284 613	\$1 157 29	\$296 570
			\$0.00	SO		SO	\$0.00	\$0
	1		\$0.00	50	-	\$0	\$0.00	SO
		256		\$246,396	_	\$284,613		\$296,570
	B: FACILITIES CHARGE	1,262,470.0	\$2.669	\$3,369,532	\$3.083	\$3,892,195	\$3.212	\$4,055,054
	C: DEMAND CHARGE							
	First 2500 kw	504,984.0	\$8.296	\$4,189,347	\$9.583	\$4,839,262	\$9.985	\$5,042,265
	Next 2500 kw	207,041.8	\$6.476	\$1,340,803	\$7.480	\$1,548,673	\$7.795	\$1,613,891

\$617,451

\$533,169 \$6,680,770

\$10,946,819

\$7,304,952 \$4,703,844 \$22,955,615

\$58,847

\$798,952

\$0.0636

\$34,110,113

\$56,830,110

\$0.0670

12.6%

\$6.598

\$5.081

\$0.07485

\$0.05042

\$0.02869

\$0.935

\$713,226

\$615,829 \$7,716,989

\$12,644,589

\$8,437,931 \$5,432,902 \$26,515,423

\$68,074

\$922,873

\$0.0735

15.51%

\$39,400,166

\$65,643,402

\$0.0773 15.51% 12.6%

\$5.712

\$4,399

\$0.06480

\$0.04365

\$0.02484

\$0.808

108,097.2 121,202.3 941,325

168,932,388.7

167,352,863.0

89,365,701.6

525,650,953

10,769,579

72,830

3673

2,093,247

848,759,784

# SUMMER

ANNUAL c/kwh OVERALL CHANGE (%) Winter Price Below Summer (SUM-WN)/SUM

Next 2500 kw

Over 7500 kw

MANUAL BILLS

REVENUE

D: ENERGY CHARGE 0-180 hrs use per month

181-360 hrs use per month 361+ hrs use per month

c/kwh OVERALL CHANGE (%)

used to reference avg customer

E: REACTIVE DEMAND ADJUSTMENT

C'Users'tak'AppDataiLocal Temp(277169\_1 xts+)RATE SUMVARES

\$6.875

\$5,295

\$0.07799

\$0.04873 \$0.02484

\$0.973

\$743,168

\$641,766 \$8,041,091

\$13,175,037

\$8,155,105 \$4,703,844

\$26,033,986

\$70,863

\$922,873

\$0.0735

15.57%

15.74%

12.9%

\$39 420 436

\$65,777,816 \$0.0775

MO LARGE POWER SUBSTATION VOLTAGE - LPGSSS

SUMMER

# \* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase,

SUMMER			PRESENT	RATES	COMPANY PROP	OSED RATES	RATES W/RAT	E DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A. CUSTOMER CHARGE							
	A COSTOMER CHARGE	10.4	\$961.50	\$10,039	1,110.63	\$11,596	\$1,157.29	\$12,083
			\$0.00	\$0		\$0	\$0.00	\$0
		· · · · · · · · · · · · · · · · · · ·	\$0.00	\$0		\$0	\$0.00	\$0
		10		\$10,039		\$11,596	_	\$12,083
	B: FACILITIES CHARGE	193,230.4	\$0.806	\$155,744	\$0.931	\$179,898	\$0.970	\$187,434
	C: DEMAND CHARGE							
	First 2530 kw	30,580,5	\$12,060	\$368,801	\$13,931	\$426,017	\$14,516	\$443,906
	Next 2530 kw	29,058.6	\$9.648	\$280,357	\$11.144	\$323,829	\$11.613	\$337,458
	Next 2530 kw	20,403.2	\$8.082	\$164,899	\$9.336	\$190,485	\$9.728	\$198,483
	Over 7590 kw	135,165.7	\$5.901	\$797,613	\$6.816	\$921,289	\$7.103	\$960,082
		215,208		\$1,611,670	<u>-</u>	\$1,861,620	_	\$1,939,928
	D: ENERGY CHARGE							
	0-180 hrs use per month	38,737,438.5	\$0.07554	\$2,926,226	\$0.08726	\$3,380,229	\$0.09092	\$3,522,008
	361+ brs use per month	40 022 763 1	50.04/44	\$1,037,704	\$0.03460	\$2,122,012	\$0.05290	\$2,051,535
	So i i ina uso per monur	127 397 640	\$0.02411	\$6,000,517	\$0.02001	\$6,931,331	30.02411	56,810,129
				4010001011	-	40,001,001		00,010,120
	E: REACTIVE DEMAND ADJUSTMENT	9,336	\$0.808	\$7,544	\$0.935	\$8,727	\$0.973	\$9,084
	REVENUE			\$7,785,513		\$8,993,171		\$8,958,659
	C/kwh	00510		\$0.0611		\$0.0706		\$0.0703
	used to reference and customer	12 201 855				15.51%		15.07%
	bace to reference any continer	12,201,055						
WINTER								
Tuntrent.			PRESENT	RATES	COMPANY PROP	OSED RATES	RATES W/RAT	E DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
		25.6	\$961.50	\$24,575	1,110.63	\$28,387	\$1,157.29	\$29,579
		.*)	\$0.00	\$0		\$0	\$0.00	\$0
		26	\$0.00	\$24 575		\$28.387	\$0.00	\$29 579
				924,010	-	\$20,007	-	\$25,515
	B: FACILITIES CHARGE	479,585.6	\$0.806	\$386,546	\$0.931	\$446,494	\$0.970	\$465,198
	C: DEMAND CHARGE							
	First 2530 kw	60,499.5	\$8.199	\$496,036	\$9.471	\$572,991	\$9.869	\$597,070
	Next 2530 kw	54,272.4	\$6.399	\$347,289	\$7.392	\$401,182	\$7.702	\$418,006
	Next 2530 kw	40,316.8	\$5.646	\$227,629	\$6.522	\$262,946	\$6.796	\$273,993
	Over 7590 kw	231,990.3	\$4.346	\$1,008,230	\$5.020	\$1,164,591	\$5.231	\$1,213,541
	D: ENERGY CHARGE			\$2,019,105		\$2,401,710	-	\$2,502,610
	0-180 hrs use per month	64,530,386,1	\$0.06405	\$4,133,171	\$0.07398	\$4,773.958	\$0.07709	\$4,974 647
	181-360 hrs use per month	63,978,481.5	\$0.04314	\$2,760,032	\$0.04983	\$3,188,048	\$0.04816	\$3,081,204
	361+ hrs use per month	88,346,168.7	\$0.02454	\$2,168,015	\$0.02835	\$2,504,614	\$0.02454	\$2,168,015
		216,855,036	-	\$9,061,218	-	\$10,466,620		\$10,223,866
					60.025	C10 007	\$0.072	\$17,517
	E: REACTIVE DEMAND ADJUSTMENT	18,003	\$0.808	\$14,546	\$0.935	\$16,827	\$0.973	
	E: REACTIVE DEMAND ADJUSTMENT	18,003	\$0.808	\$14,546	20.933	\$16,827	\$0.973	
	E: REACTIVE DEMAND ADJUSTMENT	18,003	\$0.808	\$14,546	<b>30.332</b>	\$15,827	ŞU.973	\$13 238 770
	E: REACTIVE DEMAND ADJUSTMENT REVENUE cAwh	18,003	\$0.808	\$14,546 \$11,566,068 \$0.0533	90.322	\$16,827 \$13,360,037 \$0.0616	şu.9/3	\$13,238,770 \$0.0610
	E: REACTIVE DEMAND ADJUSTMENT REVENUE c3wh OVERALL CHANGE (%)	18,003 15144	\$0.808	\$14,546 \$11,566,068 \$0.0533	şu.939	\$16,827 \$13,360,037 \$0.0616 15.51%	QU.973	\$13,238,770 \$0.0610 14,46%
	E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	18,003 15144 8,484,436	\$0.808	\$14,546 \$11,566,068 \$0.0533	90.935	\$15,827 \$13,360,037 \$0.0616 15.51%	QU.973	\$13,238,770 \$0.0610 14.46%
	E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	18,003 15144 8,484,436	\$0.808	\$14,546 \$11,566,068 \$0.0533	20,923	\$13,360,037 \$0.0616 15.51%	\$U.973	\$13,238,770 \$0.0610 14.46%
ANNUAL	E: REACTIVE DEMAND ADJUSTMENT REVENUE c/w/h OVERALL CHANGE (%) used to reference avg customer	18,003 15144 8,484,436 344,252,676	\$0.808	\$14,546 \$11,566,068 \$0.0533 \$19,351,581	20.322	\$13,360,037 \$0.0616 15.51% \$22,353,208	QU.973	\$13,238,770 \$0.0610 14.46% \$22,197,429
ANNUAL c/kwh	E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	18,003 15144 8,484,436 344,252,676	\$0.808	\$14,546 \$11,566,068 \$0.0533 \$19,351,581 \$0.0562	20.322	\$13,360,037 \$0.0616 15.51% \$22,353,208 \$0.0649	QU.373	\$13,238,770 \$0.0610 14.46% \$22,197,429 \$0.0645
ANNUAL c/kwh OVERALI	E: REACTIVE DEMAND ADJUSTMENT REVENUE cotwh OVERALL CHANGE (%) used to reference avg customer	18,003 15144 8,484,436 344,252,676	\$0.808	\$14,545 \$11,566,068 \$0.0533 \$19,351,581 \$0.0562	20.322	\$15,827 \$13,360,037 \$0.0616 15.51% \$22,353,208 \$0.0649 15.51%	QU.373	\$13,238,770 \$0.0610 14.46% \$22,197,429 \$0.0645 14,71%

C'Users'sk'AppOstsiLocal Temp(277169\_1.slss)RATE SUMMARES

### MO LARGE POWER TRANSMISSION VOLTAGE - LPGSTR

### \* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

SUMMER								
	53		PRESENT	RATES	COMPANY PROP	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
		5						
	A: CUSTOMER CHARGE					8 A V	80.0 00	20 000
		10.1	\$961.50	\$9,719	1,110.63	\$11,226	\$1,157.29	\$11,693
		100	\$0.00	\$0	8	\$0	\$0.00	\$0
			\$0.00	\$0	·	\$0	\$0.00	\$0
		10		\$9,719	s <del></del>	\$11,226	-	\$11,693
				1221	00.000			
	B: FACILITIES CHARGE		\$0.000	\$0	\$0.000	20	\$0.000	50
	C: DEMAND CHARGE	00.017.0	C14.050	0000.044	640.040	C100.000	644.204	6440.007
	First 2553 KW	30,847.6	\$11,956	\$308,814	\$13.810	\$420,000	\$14.391	3443,927
	Next 2553 KW	11,584.0	\$9.562	\$110,772	\$11.045	\$127,952	\$11.509	\$133,327
	Next 2553 KW	10,294.4	\$8.008	302,437 6402,644	\$9.250	\$93,223	\$9.039	\$99,227
	Over 7659 kw	33,112.8	\$5.648	\$193,044	\$0.755	\$223,017	\$7.039	\$233,001
	D ENERGY OUNDOE	85,839		\$755,666		\$812,851	-	\$909,003
	D: ENERGY CHARGE	15 154 033 0	60.07407	64 456 000	60.00040	61 000 000	60.00010	64 202 454
	U-180 hrs use per month	15,451,077.6	\$0.07487	\$1,156,822	\$0.08648	\$1,330,209	\$0.09012	\$1,392,451
	181-360 hrs use per month	15,317,864.5	\$0.04701	\$720,093	\$0.05430	\$831,760	\$0.05248	\$803,882
	361+ hrs use per month	14,355,410.5	\$0.02450	\$352,509	\$0.02837	\$407,203	\$0.02450	\$352,509
		45,124,353		\$2,229,484	N 8 <del>50</del>	\$2,575,232	-	\$2,548,902
	E- DEACTOR DEMAND AD INCINENT	4 905	\$0.909	\$2.002	\$0.025	\$4.402	\$0.072	\$4 676
	E. REACTIVE DEMAND AUJUSTMENT	4,003		\$3,003	40.333	\$4,452	\$0.575	54,070
	DEVENILE			\$2 003 752		\$3 463 807		\$3 474 838
	club			\$0,0665		\$0.0768		\$0.0770
	OVERALL CHANCE (%)	8102		\$0.0005		15 51%		15.88%
	used to reference and customer	4 461 271				10.0173		10.0075
	used to reference avg customer	4,404,211		32				
WINTER								
			PRESENT	RATES	COMPANY PROP	POSED RATES	RATES W/RA	TE DESIGN *
		DILLING LINUTO	D.L.		and the second sec		Data	Dever
		BILLINGUNIIS	Rate	Revenue	Rate	Revenue	Rate	Revenue
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE	BILLING UNITS	Kate	Revenue	Rate	Revenue	Kate	Revenue
	A: CUSTOMER CHARGE	25.9	\$961.50	Revenue \$24,895	Rate	Revenue \$28,757	\$1,157.29	\$29,965
	A: CUSTOMER CHARGE	25.9	\$961.50 \$0.00	\$24,895 \$0	1,110.63	\$28,757 \$0	\$1,157.29 \$0.00	\$29,965 \$0
	A: CUSTOMER CHARGE	25.9	\$961.50 \$0.00 \$0.00	\$24,895 \$0 \$0	1,110.63	Revenue \$28,757 \$0 \$0	\$1,157.29 \$0.00 \$0.00	\$29,965 \$0 \$0
	A: CUSTOMER CHARGE	25.9 26	\$961.50 \$0.00 \$0.00	\$24,895 \$0 \$0 \$24,895	1,110.63	\$28,757 \$0 \$0 \$28,757	\$1,157.29 \$0.00 \$0.00	\$29,965 \$0 \$0 \$29,965
	A: CUSTOMER CHARGE	25.9	\$961.50 \$0.00 \$0.00 	\$24,895 \$0 \$0 \$24,895	1,110.63	\$28,757 \$0 \$28,757	\$1,157.29 \$0.00 \$0.00 -	\$29,965 \$0 \$29,965
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	25.9 	\$961.50 \$0.00 \$0.00 \$0.00 \$0.00	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0	Rate 1,110.63	\$28,757 \$0 \$28,757 \$0 \$28,757 \$0 \$28,757 \$0	\$1,157.29 \$0.00 \$0.00 - \$0.000	\$29,965 \$0 \$29,965 \$29,965 \$29,965 \$0
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	25.9 	\$961.50 \$0.00 \$0.00 \$0.00 \$0.00	Revenue           \$24,895           \$0           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$24,895	Rate 1,110.63 	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757	\$1,157.29 \$0.00 \$0.00 - \$0.000	\$29,965 \$0 \$0 \$29,965 \$29,965 \$0 \$0
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE	25.9 	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000	Revenue \$24,895 \$0 \$0 \$24,895 \$24,895 \$0	Rate 1,110.63 	Revenue           \$28,757           \$0           \$28,757           \$28,757           \$0           \$28,757	\$1,157.29 \$0.00 \$0.00 \$0.000	\$29,965 \$0 \$0 \$29,965 \$29,965 \$0
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw	25.9 	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$0.000 \$8.125	Revenue \$24,895 \$0 \$0 \$24,895 \$0 \$0 \$496,116	Rate 1,110.63 - - - - - - - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779	\$29,965 \$0 \$29,965 \$29,965 \$0 \$597,110
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw	25.9 	\$961.50 \$0.00 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342	Revenue \$24,895 \$0 \$24,895 \$0 \$0 \$496,116 \$149,813	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$0.000 \$9.779 \$7.633	\$29,965 \$0 \$0 \$29,965 \$0 \$0 \$597,110 \$180,310
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw	25.9 	\$961.50 \$0.00 \$0.00 \$0.000 \$0.000 \$8.125 \$6.342 \$5.595	Revenue \$24,895 \$0 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812	Rate 1,110.63 - - - - - - - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734	\$29,965 \$0 \$29,965 \$0 \$29,965 \$0 \$29,965 \$0 \$128,0310 \$136,981
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw	25.9 26 61,060,4 23,622,4 20,341,6 59,010,2	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307	Revenue \$24,895 \$0 \$0 \$24,895 \$0 \$1496,116 \$149,813 \$113,812 \$254,157	Rate 1,110.63 - - - \$0.000 \$9.385 \$7.326 \$6.463 \$4.975	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$283,576	\$1,157.29 \$0.00 \$0.00 \$0.000 \$0.000 \$2,779 \$7.633 \$6.734 \$5.184	\$29,965 \$0 \$0 \$29,965 \$0 \$180,310 \$180,310 \$136,981 \$305,909 \$305,909
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw	25.9 26 61,060.4 23,622.4 20,341.6 59,010.2 164,035	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$10           \$1496,116           \$149,813           \$113,812           \$24,157           \$1,013,898	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$229,576           \$1,171,154	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184	\$29,965 \$0 \$0 \$29,965 \$0 \$597,110 \$186,310 \$136,981 \$305,909 \$1,220,309
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE	25.9 26 61,060.4 23,622.4 20,341.6 59,010.2 164,035	\$961.50 \$0.00 \$0.00 \$0.000 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$293,576           \$1,171,154	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184	\$29,965 \$0 \$29,965 \$0 \$29,965 \$0 \$136,95 \$136,981 \$305,909 \$1,220,309
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month	25.9 25.9 61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,4	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$10           \$1496,116           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,053           \$131,468           \$293,576           \$1,171,154           \$2,164,274	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$7.633 \$7.633 \$6.734 \$5.184 \$5.184 \$5.184	\$29,965 \$0 \$29,965 \$0 \$10 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month	61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,4 29,526,242,4 29,501,738,5	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$1496,116           \$1498,813           \$113,812           \$24,57           \$1,013,898           \$1,873,735           \$1,261,199	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$293,576           \$1,171,154           \$2,164,274           \$1,466,796	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$5.184 \$5.184 \$5.184 \$5.184 \$5.184 \$5.184 \$5.184	\$29,965 \$0 \$0 \$29,965 \$0 \$0 \$597,110 \$186,310 \$136,931 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2533 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	61,060,4 25.9 26 61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,5 29,526,242,5 27,665,337,0	\$961.50 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544	Rate 1,110.63 - - \$0.000 \$9,385 \$7,326 \$6,463 \$4,975 - \$0.07330 \$0.04938 \$0.04938 \$0.02808 -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$229,576           \$1,171,154           \$2,164,274           \$2,164,276           \$776,843           \$776,843	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.0772 \$0.02431	\$29,965 \$0 \$29,965 \$0 \$29,965 \$0 \$597,110 \$180,310 \$180,310 \$136,981 \$305,909 \$1,220,309 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month	25.9 25.9 26 61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,4 29,501,738,5 27,665,337,0 86,693,318	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$149,813           \$143,812           \$254,157           \$1,013,898           \$1,261,199           \$672,544           \$3,807,479	Rate 1,110.63 - - - \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 - \$0.07330 \$0.04938 \$0.04938 \$0.04938 - -	Revenue \$28,757 \$0 \$28,757 \$0 \$28,757 \$0 \$28,757 \$0 \$173,052 \$174,057 \$134,057 \$134,057 \$2,164,274 \$1,456,766 \$174,056,843 \$4,397,912	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9,779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$29,965 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,254 \$4,335,582
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	25.9 25.9 26 61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,4 29,526,242,4 29,526,242,4 29,501,738,5 27,665,337,0 86,693,37,0	\$961.50 \$0.00 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.02431	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$10           \$1496,116           \$1498,113           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$11,471,458           \$2,164,274           \$1,456,796           \$776,843           \$4,397,912           \$56,220	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$5.184\$\$\$\$5.184\$\$\$5.184\$\$\$\$5.184\$\$\$\$5.184\$\$\$\$\$5.184\$\$\$\$\$5.184\$	\$29,965 \$0 \$0 \$29,965 \$0 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544 \$4,335,582 \$6000
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	61,060.4 25.9 - - - - - - - - - - - - - - - - - - -	\$961.50 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,261,199           \$672,544           \$3,807,479           \$5,039	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$293,576           \$1,171,154           \$2,164,274           \$1,456,796           \$776,843           \$4,397,912           \$5,829	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.04772 \$0.02431 \$0.07638	\$29,965 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,931 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544 \$4,335,582 \$6,068
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month 181-361 hrs use per month	61,060,4 25.9 26 61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,4 29,501,738,5 27,665,337,0 86,693,318 6,237	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$10           \$149,813           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039	Rate 1,110.63 - - - \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 - \$0.07330 \$0.04938 \$0.02808 - \$0.0280	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$293,576           \$1,171,154           \$2,164,274           \$1,456,796           \$776,843           \$4,397,912           \$5,829	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.00 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.02431 \$0.02431 \$0.02431 \$0.02431 \$0.02431 \$0.02431 \$0.02431 \$0.02431	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$180,310           \$180,310           \$120,309           \$1,220,309           \$2,255,214           \$1,407,823           \$672,544           \$4,335,582           \$6,068
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 + hrs use per month 361+ hrs use per month BEVENUE	25.9 25.9 26 61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,4 29,501,738,5 27,665,337,0 86,693,318 6,237	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$11,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$1,171,154           \$2,164,274           \$1,456,796           \$77,6,843           \$4,397,912           \$5,829           \$5,603,652	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.02431 \$0.02431 \$0.02431	\$29,965 \$0 \$0 \$29,965 \$0 \$180,310 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544 \$4,335,582 \$6,068 \$55,591,924
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month	61,060.4 25.9 - - - - - - - - - - - - - - - - - - -	\$961.50 \$0.00 \$0.00 \$0.00 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0,0550	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$223,576           \$1,171,154           \$2,164,274           \$1,456,796           \$776,843           \$4,397,912           \$5,829           \$5,603,652           \$0,0646	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.02431 \$0.02431 \$0.02431	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$180,310           \$136,931           \$305,909           \$1,220,309           \$2,255,214           \$1,407,823           \$672,544           \$4,335,582           \$6,068           \$5,591,924           \$0,0645
5	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month 181-360 hrs use per mon	61,060.4 25.9 26 61,060.4 23,622.4 20,341.6 59,010.2 164,035 29,526,242.4 29,501,738.5 27,665,337.0 86,693,318 6,237	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.0803	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$10           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0.0560	Rate 1,110.63 - - - \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 - \$0.07330 \$0.04938 \$0.02208 - \$0.0235	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,458           \$293,576           \$1,171,154           \$2,164,274           \$1,456,796           \$776,843           \$4,397,912           \$5,829           \$5,603,652           \$0.0646           \$5,51%	\$1,157.29 \$0.00 \$0.00 \$0.00 \$9,779 \$7,633 \$6,734 \$5,184 \$5,184 \$0,07638 \$0,02731 \$0,02731	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$180,310           \$180,310           \$120,309           \$2,255,214           \$1,407,823           \$672,554           \$6,068           \$5,591,924           \$2,0645           \$1,274
n X	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month C: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%)	61,060,4 25,9 - - 26 - - - - - - - - - - - - - - - -	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$11,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0.0560	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$1,171,154           \$2,164,274           \$1,456,796           \$1,456,796           \$1,456,796           \$1,456,796           \$1,457,6843           \$4,397,912           \$5,829           \$5,603,652           \$0.0646           15,51%	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9,779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.04772 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.973	\$29,965 \$0 \$29,965 \$0 \$10 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,833 \$672,544 \$4,335,582 \$6,068 \$5,591,924 \$0,0645 \$15,27%
n 8	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ hrs use per month	25.9 	\$961.50 \$0.00 \$0.00 \$0.00 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0.0560	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$223,576           \$1,171,154           \$2,164,274           \$1,456,796           \$776,843           \$4,397,912           \$5,829           \$5,603,652           \$0,0646           15,51%	\$1,157.29 \$0.00 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.02431 \$0.973	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$10           \$180,310           \$136,931           \$305,909           \$1,220,309           \$2,255,214           \$1,407,823           \$672,544           \$4,335,582           \$6,068           \$5,591,924           \$0,0645           \$15,27%
5	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2533 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month 181-361 hrs use per month 181-360 hrs use per mon	25.9 25.9 26 26 26 26 26 26 20,241,6 59,010,2 164,035 29,526,242,4 29,501,738,5 27,665,337,0 86,693,318 6,237 6335 3,348,252	\$961.50 \$0.00 \$0.00 \$0.00 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0.0560	Rate 1,110.63 - - - \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 - \$0.07330 \$0.04938 \$0.02808 - \$0.02808 - \$0.935	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,458           \$223,576           \$1,171,154           \$2,164,274           \$2,164,274           \$2,164,274           \$2,164,274           \$2,164,274           \$5,796           \$776,843           \$4,397,912           \$5,829           \$5,603,652           \$0.0646           15,51%	\$1,157.29 \$0.00 \$0.00 \$0.00 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.07638 \$0.02431 \$0.02431 \$0.02431 \$0.02431	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$180,310           \$180,310           \$120,309           \$2,255,214           \$4,335,582           \$6,068           \$5,591,924           \$0,0645           \$15,27%
ANNUAI	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month C: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	25.9 25.9 26 61,060,4 23,622,4 20,341,6 59,010,2 164,035 29,526,242,4 29,501,738,5 27,665,337,0 86,693,318 6,237 6335 3,348,252 131,817,671	\$961.50 \$0.00 \$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0.0560           \$7,850,063	Rate 1,110.63 - - - \$0.000 \$9,385 \$7,326 \$6.463 \$4.975 - \$0.07330 \$0.04938 \$0.04938 \$0.02808 - \$0.935	Revenue \$28,757 \$0 \$28,757 \$0 \$28,757 \$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468 \$293,576 \$1,171,154 \$2,164,274 \$1,456,796 \$776,843 \$4,397,912 \$5,829 \$5,603,652 \$0,0646 15,51% \$9,067,458	\$1,157.29 \$0.00 \$0.00 \$0.00 \$9,779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.02431 \$0.02431 \$0.02431	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$180,310           \$180,310           \$120,309           \$1,220,309           \$2,255,214           \$1,407,823           \$6,068           \$5,5591,924           \$0,0645           \$15,27%           \$9,066,762
ANNUAL cłkyń	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	25.9 - - - - - - - - - - - - - - - - - - -	\$961.50 \$0.00 \$0.00 \$0.00 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.808	Revenue           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0.0560           \$7,850,063           \$0.0596	Rate 1,110.63 - - - - - - - - - - - - -	Revenue           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$28,757           \$0           \$573,052           \$173,058           \$131,468           \$223,576           \$1,171,154           \$2,164,274           \$1,456,796           \$776,843           \$4,397,912           \$5,829           \$5,603,652           \$0,0646           15,51%           \$9,067,458           \$0,0688	\$1,157.29 \$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.973	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$180,310           \$180,310           \$136,931           \$305,909           \$1,220,309           \$2,255,214           \$1,407,823           \$672,544           \$4,335,582           \$6,068           \$5,591,924           \$0,0645           \$15,27%           \$9,066,762           \$0,0688
ANNUAL c/kwh	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2533 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ hrs use per month CHANGE (%)	25.9 25.9 26 26 26 26 26 26 20,041,6 59,010,2 164,035 29,526,24,4 29,501,738,5 27,665,337,0 86,693,318 6,237 6,237 6,237 23,348,252 131,817,671	\$961.50 \$0.00 \$0.00 \$0.00 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431 \$0.02431 \$0.803	Revenue           \$24,895           \$0           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$24,895           \$0           \$149,813           \$113,812           \$254,157           \$1,013,898           \$1,873,735           \$1,261,199           \$672,544           \$3,807,479           \$5,039           \$4,851,311           \$0.0560           \$7,850,063           \$0.0596	Rate 1,110.63 - - - - - - - - - - - - -	Revenue \$28,757 \$0 \$0 \$28,757 \$0 \$28,757 \$0 \$28,757 \$0 \$173,058 \$131,458 \$293,576 \$1,171,154 \$2,164,274 \$2,164,276 \$776,843 \$4,397,912 \$5,829 \$5,603,652 \$0.0646 15,51% \$9,067,458 \$0,0688 15,51%	\$1,157.29 \$0.00 \$0.00 \$0.00 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.02431 \$0.973	Revenue           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$29,965           \$0           \$180,310           \$180,310           \$136,931           \$305,909           \$1,220,309           \$2,255,214           \$6,72,544           \$4,335,582           \$6,068           \$5,591,924           \$0,0645           \$5,27%           \$9,066,762           \$0,0688           \$15,50%

C/Users/tsk/AppData/Loca/Temp/[277169\_1.stsr)RATE SUMMARIES

### MO LARGE POWER TRANSMISSION VOLTAGE - OFF PEAK - LPSTRO

### \* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

SUMMER			And Service and Service of the	- No Politica - Anna			1	
		Control of Average Strategy of Strategy	PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE		001 50	CE 224	1 110 62	56 161	1 167 20	SC 420
		0.0	901.50	\$5,334	1,110.03	50,101	1,157.29	\$0,420
			57 -	\$0	-	50	-	50
		6	-	\$5.334	· · · · ·	\$6.161	<sup>10</sup> 1/	\$6.420
			-	00,001	-	· · · · ·	-	001100
	B: FACILITIES CHARGE		\$0.000	\$0	\$0.000	\$0	\$0.000	\$0
	C: DEMAND CHARGE							
	First 2553 kw	17,994.5	\$11.956	\$215,143	\$13.810	\$248,504	\$14.391	\$258,959
	Next 2553 kw	11,983.4	\$9.562	\$114,585	\$11.045	\$132,356	\$11.509	\$137,917
	Next 2553 kw	7,700.2	\$8.008	\$61,663	\$9.250	\$/1,22/	\$9.639	\$74,222
	Over 7659 kw	34,507.9	\$5.848	\$201,802	\$6.755 -	\$233,101	\$7.039	\$242,901
	D: ENERGY CHARGE	12,100		\$333,133	1	\$005,100		\$115,555
	0-180 brs use per month	12 993 474 2	\$0.07487	\$972 821	\$0,08648	\$1,123,676	\$0.09012	\$1,170,972
	181-360 hrs use per month	12 993 474.2	\$0.04701	\$610.823	\$0.05430	\$705,546	\$0.05248	\$681,893
	361+ hrs use per month	20,996,877.3	\$0.02456	\$515,683	\$0.02837	\$595,681	\$0.02456	\$515,683
	And the company of the company of the	46,983,826		\$2,099,328	Matt Skitchelde M	\$2,424,903	100000000000000000000000000000000000000	\$2,368,553
		·			1000 C 100000	W112-22112-2		0.000
	E: REACTIVE DEMAND ADJUSTMENT	1,689	\$0.808	\$1,365	\$0.935	\$1,579	\$0.973	\$1,644
	Construction of the second sec			202020002020				
	REVENUE			\$2,699,220		\$3,117,831		\$3,090,615
	c/kwh	10010		\$0.0574		\$0.0664		\$0.0658
	OVERALL CHANGE (%)	13012				15.51%		14.50%
	used to reference avy customer	0,403,447						
WINTER								
		6 3	PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/R/	ATE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE	BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE	BILLING UNITS	Rate 961.50	Revenue \$16,781	Rate 1,110.63	Revenue \$19,383	Rate 1,157.29	Revenue \$20,198
	A: CUSTOMER CHARGE	BILLING UNITS	Rate 961.50	Revenue \$16,781 \$0	Rate 1,110.63	Revenue \$19,383 \$0	1,157.29	Revenue \$20,198 \$0
	A: CUSTOMER CHARGE	BILLING UNITS		Revenue \$16,781 \$0 \$0 \$16,781	Rate 1,110.63	Revenue \$19,383 \$0 \$0 \$19,383	Rate 1,157.29	Revenue \$20,198 \$0 \$0 \$0 \$20,198
	A: CUSTOMER CHARGE	BILLING UNITS	961.50 - - -	Revenue \$16,781 \$0 \$0 \$16,781	Rate 1,110.63	Revenue \$19,383 \$0 \$0 \$19,383	Rate 1,157.29	Revenue \$20,198 \$0 \$0 \$20,198
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	17.5 	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$16,781 \$0	Rate 1,110.63	Revenue \$19,383 \$0 \$0 \$19,383 \$0 \$0	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue \$20,198 \$0 \$0 \$20,198 \$20,198 \$0
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	BILLING UNITS 17.5 - - 17 -	Rate 961.50 - - - \$0.000	Revenue \$16,781 \$0 \$16,781 \$0 \$16,781 \$0	Rate 1,110.63 - - - - - - - - - - - - - - - - - - -	Revenue \$19,383 \$0 \$0 \$19,383 \$19,383 \$0	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue \$20,198 \$0 \$0 \$20,198 \$20,198 \$0
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE	BILLING UNITS 17.5 - - 17 -	Rate 961.50 - - - \$0.000	Revenue \$16,781 \$0 \$0 \$16,781 \$0	Rate 1,110.63 - - \$0.000	Revenue \$19,383 \$0 \$0 \$19,383 \$0 \$0	Rate 1,157.29 - - - \$0.000	Revenue           \$20,198           \$0           \$0           \$20,193           \$20,193
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw	BILLING UNITS 17.5 17.5 17. 40,724.5	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$0 \$330,886	Rate 1,110.63 - \$0.000 \$9.385	Revenue \$19,383 \$0 \$0 \$19,383 \$0 \$382,199	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue \$20,198 \$0 \$0 \$20,193 \$0 \$20,193 \$0 \$398,245
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw	BILLING UNITS 17.5 17.7 40,724.5 27,053.6	Rate 961.50 - - \$0.000 \$8.125 \$6.342	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$0 \$330,886 \$171,574	Rate 1,110.63 50.000 \$9.385 \$7.326	Revenue \$19,383 \$0 \$0 \$19,383 \$0 \$382,199 \$188,195	Rate 1,157.29 50.000 \$9.779 \$7.633	Revenue           \$20,198           \$0           \$20,193           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE Finst 2553 kw Next 2553 kw Next 2553 kw	BILLING UNITS 17.5	Rate 961.50 	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$330,886 \$171,574 \$114,042 \$114,042	Rate 1,110.63 - - - - - - - - - - - - - - - - - - -	Revenue \$19,383 \$0 \$0 \$19,383 \$0 \$382,199 \$198,195 \$131,734	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue \$20,198 \$0 \$20,193 \$20,193 \$0 \$398,245 \$206,500 \$137,258
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw	BILLING UNITS 17.5 - - - 40,724.5 27,053.6 20,382.8 62,519.1 - -	Rate 961.50 - - \$0.000 \$8.125 \$6.342 \$5.595 \$4.307	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$330,886 \$171,574 \$114,042 \$269,270 \$269,270	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975	Revenue \$19,383 \$0 \$0 \$19,383 \$0 \$382,199 \$198,195 \$131,734 \$311,033 \$10,02157	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue \$20,198 \$0 \$0 \$20,193 \$0 \$398,245 \$206,500 \$137,258 \$324,099 \$10,06 \$00
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE	BILLING UNITS 17.5	Rate 961.50 	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$330,886 \$171,574 \$114,042 \$269,270 \$885,772	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$19,383           \$19,383           \$19,383           \$19,383           \$19,383           \$19,383           \$19,383           \$131,734           \$311,023,161	Rate 1,157.29 - - \$0.000 \$9.779 \$7.633 \$6.734 \$5.184	Revenue           \$20,198           \$0           \$0           \$20,193           \$20,193           \$20,193           \$20,193           \$100           \$398,245           \$206,500           \$137,258           \$324,099           \$1,066,102
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0.180 hrs use per month	BILLING UNITS 17.5 17.5 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8	Rate 961.50 - - - \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 - - - - - - - - - - - - - - - - - - -	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1 721 188	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$	Revenue \$19,383 \$0 \$0 \$19,383 \$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue           \$20,198           \$0           \$20,193           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$10,000           \$10,000           \$10,000           \$10,000           \$20,010
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month	BILLING UNITS 17.5 17.5 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8	Rate 961.50 - - - \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 - - \$0.06346 \$0.04275	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$171,574           \$114,042           \$269,270           \$885,772           \$1,721,188           \$1,129,483	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$19,383           \$198,195           \$131,734           \$311,033           \$1,023,161           \$1,988,072           \$1,39,304	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue           \$20,198           \$0           \$0           \$20,198           \$0           \$20,198           \$0           \$20,198           \$20,198           \$137,258           \$324,099           \$1,066,102           \$2,071,609           \$1,242,421
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 381+ hrs use per month	BILLING UNITS 17.5 17.5 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 27,122,405.8	Rate 961.50 	Revenue \$16,781 \$0 \$0 \$16,781 \$0 \$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,159,483 \$1,159,483 \$1,159,483	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.04938 \$0.02808	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$13,033           \$1,320,304           \$1,300,644	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$1,056,102           \$2,071,609           \$1,294,281           \$1,294,281           \$1,26,020
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	BILLING UNITS 17.5 17.5 17. 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 27,122,405.8 46,319,221.4 100,564,033	Rate 961.50 	Revenue           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$130,886           \$171,574           \$1,721,188           \$1,126,020           \$4,006,691	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$10,23,161           \$1,988,072           \$1,300,644           \$1,628,020	Rate 1,157.29 - \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 - \$0.07638 \$0.04772 \$0.02431 \$0.02431	Revenue           \$20,198           \$0           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$1,050,500           \$137,258           \$324,099           \$1,066,102           \$2,071,609           \$1,284,281           \$1,126,020           \$4,491,911
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	BILLING UNITS 17.5 17.5 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 46,319,221.4 100,564,033	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$14,042           \$269,270           \$885,772           \$1,721,188           \$1,159,483           \$1,126,020           \$4,006,691	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$382,199           \$198,195           \$131,734           \$311,033           \$1,023,161           \$1,988,072           \$1,339,304           \$1,300,644           \$4,628,020	Rate 1,157.29 50.000 59.779 57.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	Revenue           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$1,7,253           \$324,099           \$1,066,102           \$2,071,609           \$1,294,281           \$1,126,020           \$4,491,911
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month	BILLING UNITS 17.5 17.5 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 27,122,405.8 46,319,221.4 100,564,033 2,597	Rate 961.50 - - \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 - \$0.06346 \$0.04275 \$0.02431 - \$0.06346 \$0.04275 \$0.02431 - \$0.06346	Revenue           \$16,781           \$0           \$16,781           \$0           \$17,781           \$0           \$330,886           \$171,574           \$114,042           \$269,270           \$885,772           \$1,721,188           \$1,159,483           \$1,126,020           \$4,006,691           \$2,098	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02803 \$0.02803 \$0.02803	Revenue           \$19,383           \$0           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$19,883           \$1,023,161           \$1,988,072           \$1,339,304           \$1,330,644           \$4,628,020           \$2,427	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$398,245           \$206,500           \$137,258           \$324,099           \$1,066,102           \$2,071,609           \$1,29,4,281           \$1,126,020           \$4,491,911           \$2,527
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 181-361 hrs use per month	BILLING UNITS 17.5 17.5 17.5 17. 17 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,	Rate 961.50 	Revenue           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$171,574           \$14,042           \$269,270           \$885,772           \$1,721,188           \$1,159,483           \$1,150,2020           \$4,006,691           \$2,098	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$19,383           \$13,39,304           \$1,300,644           \$4,628,020           \$2,427	Rate 1,157.29 - - - - - - - - - - - - - - - - - - -	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$1,294,281           \$1,294,281           \$1,294,281           \$1,294,281           \$1,26,020           \$4,491,911           \$2,527
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month	BILLING UNITS 17.5 17.5 17. 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 46,319,221.4 100,584,033 2,597	Rate 961.50 	Revenue           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$171,574           \$114,042           \$2885,772           \$1,721,188           \$1,159,483           \$1,126,020           \$4,006,691           \$2,098	Rate 1,110.63 - \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 - \$0.07330 \$0.04938 \$0.02808 - \$0.935	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$10,23,161           \$1,988,072           \$1,300,644           \$4,628,020           \$2,427	Rate 1,157.29 - \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 - \$0.07638 \$0.04772 \$0.02431 - \$0.02431 - \$0.973	Revenue           \$20,198           \$0           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,193           \$20,093           \$1,066,102           \$2,071,609           \$1,294,281           \$1,126,020           \$2,4491,911           \$2,527           \$2,527
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month	BILLING UNITS 17.5 17.5 17. 17 17 10 17 17 10 10 10 10 10 10 10 10 10 10 10 10 10	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$171,574           \$114,042           \$269,270           \$885,772           \$1,721,188           \$1,126,020           \$4,000,691           \$2,098           \$4,911,342           \$0,000	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$382,199           \$198,195           \$131,734           \$311,033           \$1,023,161           \$1,988,072           \$1,339,304           \$1,300,644           \$4,628,020           \$2,427           \$5,672,992           \$5,0554	Rate 1,157.29 - - - \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$5.184 \$0.07633 \$0.04772 \$0.02431 \$0.02431 \$0.02431	Revenue           \$20,198           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$1,294,281           \$1,126,020           \$4,491,911           \$2,577           \$5,580,737           \$5,580,737
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hr	BILLING UNITS 17.5 17.5 17.5 17. 17 17 17 10 17 17 10 10 17 17 10 10 10 10 10 10 10 10 10 10 10 10 10	Rate 961.50 	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$17,781           \$0           \$330,886           \$171,574           \$114,042           \$269,270           \$888,772           \$1,721,188           \$1,159,483           \$1,152,020           \$4,006,691           \$2,098           \$4,911,342           \$0.0488	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$19,383,199           \$198,195           \$11,734           \$311,033           \$1,023,161           \$1,389,072           \$1,399,304           \$1,300,644           \$4,628,020           \$2,427           \$5,672,992           \$0,0564           \$15,51%	Rate 1,157.29 50.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.04772 \$0.02431 \$0.973	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$106,500           \$137,258           \$324,099           \$1,066,102           \$2,071,609           \$1,294,281           \$1,126,020           \$4,491,911           \$2,527           \$5,580,737           \$0,0555           \$1,893
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per mon	BILLING UNITS 17.5 17.5 17. 17. 17. 17. 17. 17. 17. 17. 17. 17.	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$14,042           \$269,270           \$885,772           \$1,721,188           \$1,159,483           \$1,126,020           \$4,006,691           \$2,098           \$4,911,342           \$0,0488	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$131,734           \$11,734           \$11,033           \$1,300,644           \$4,628,020           \$2,427           \$5,672,992           \$0,0564           15,51%	Rate 1,157.29 - \$0.000 \$9,779 \$7,633 \$6,734 \$5,184 - \$0,07638 \$0,04772 \$0,02431 \$0,04772 \$0,02431 \$0,04772 \$0,02431 \$0,04772 \$0,02431 \$0,04772 \$0,04773 \$0,04772 \$0,04773 \$0,04772 \$0,04773 \$0,04772 \$0,04773 \$0,04773 \$0,04772 \$0,04773 \$0,04773 \$0,04773 \$0,04773 \$0,04772 \$0,0473 \$0,0475 \$0,	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$13,93,245           \$20,6500           \$1,7258           \$324,099           \$1,066,102           \$2,071,609           \$1,294,281           \$1,294,281           \$1,26,202           \$2,527           \$2,527           \$5,580,737           \$0,0555           \$13,63%
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ hrs use per month	BILLING UNITS 17.5 17.5 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 27,122,405.8 46,319,221.4 100,564,033 2,597 8634 5,762,139	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$171,574           \$114,042           \$269,270           \$885,772           \$1,721,188           \$1,126,020           \$4,006,691           \$2,098           \$4,911,342           \$0.0488	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$382,199           \$198,195           \$131,734           \$311,033           \$1,023,161           \$1,988,072           \$1,339,304           \$1,300,644           \$4,628,020           \$2,427           \$5,672,992           \$0,0564           15,51%	Rate 1,157.29 50.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.0773 \$0.02431 \$0.02431 \$0.02431	Revenue           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$1,066,102           \$2,071,609           \$1,126,020           \$4,491,911           \$2,557           \$5,580,737           \$0,555           \$13,63%
	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hr	BILLING UNITS 17.5 17.5 17. 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,52,439 8634 5,762,139	Rate 961.50 - - - \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 - - \$0.06346 \$0.04275 \$0.02431 - \$0.06345 \$0.02431 - \$0.0808	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$171,574           \$114,042           \$269,270           \$885,772           \$1,721,188           \$1,159,483           \$1,126,020           \$4,006,691           \$2,098           \$4,911,342           \$0.0488           \$0	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02803 \$0.02803 \$0.935	Revenue           \$19,383           \$0           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$382,199           \$198,195           \$131,734           \$311,033           \$1,023,161           \$1,988,072           \$1,389,304           \$1,300,644           \$4,628,020           \$2,427           \$5,672,992           \$0,0564           \$15,51%           \$0	Rate 1,157.29 50.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.02431 \$0.02431 \$0.973	Revenue           \$20,198           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$398,245           \$206,500           \$137,258           \$324,099           \$1,066,102           \$2,071,609           \$1,24,281           \$1,126,020           \$4,491,911           \$2,5560,737           \$0,0555           \$13,63%           \$0
X A	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hr	BILLING UNITS 17.5 17.5 17. 17 17 17 17 17 17 10 17 17 10 10 10 10 10 10 10 10 10 10 10 10 10	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$172,574           \$1,721,188           \$1,159,483           \$1,150,2020           \$4,006,691           \$2,098           \$4,911,342           \$0.0488           \$0	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$19,383           \$19,383           \$130,81,734           \$1,303,3161           \$1,388,072           \$1,339,304           \$1,300,644           \$1,4628,020           \$2,427           \$5,672,992           \$0,0564           15,51%           \$0	Rate 1,157.29 50.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.04772 \$0.02431 \$0.973	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$106,102           \$2,071,609           \$1,294,281           \$1,126,020           \$4,491,911           \$2,527           \$5,580,737           \$0,0555           13,63%           \$0
ANNUAL	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month 361+ compared to the second to th	BILLING UNITS 17.5 17.5 17. 40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,547,859	Rate 961.50 	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$17,1574           \$1,721,188           \$1,721,188           \$1,721,188           \$1,721,188           \$1,126,020           \$4,006,691           \$2,098           \$4,911,342           \$0.0488           \$0           \$20           \$7,610,561	Rate 1,110.63 50.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$10           \$19,383,199           \$138,195           \$131,734           \$311,033           \$1,023,161           \$1,988,072           \$1,339,304           \$1,300,644           \$4,628,020           \$2,427           \$5,672,992           \$0,0564           \$15,1%           \$0           \$0           \$8,790,823	Rate 1,157.29 50.000 \$9,779 \$7,633 \$6,734 \$5,184 \$5,184 \$0,04772 \$0,02431 \$0,04772 \$0,02431 \$0,973	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$1,254           \$1,066,102           \$2,071,609           \$1,284,281           \$1,126,020           \$4,491,911           \$2,527           \$5,580,737           \$0,0555           13,63%           \$0           \$8,671,352
ANNUAL c/kwh	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer ADJUSTMENT	BILLING UNITS 17.5 17.5 17.5 17.5 17.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,122,405.8 27,537 2,597 8634 5,762,139 147,547,859	Rate 961.50 - - - - - - - - - - - - - - - - - - -	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$330,886           \$171,574           \$114,042           \$269,270           \$885,772           \$1,721,188           \$1,126,020           \$4,006,691           \$2,098           \$4,911,342           \$0.0488           \$0           \$7,610,561           \$0.0516	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$382,199           \$198,195           \$131,734           \$311,033           \$1,023,161           \$1,988,072           \$1,339,304           \$1,300,644           \$4,628,020           \$2,427           \$5,672,992           \$0,0564           \$15,51%           \$0           \$8,790,823           \$0,0596	Rate 1,157.29 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07633 \$0.0773 \$0.0773	Revenue           \$20,198           \$0           \$0           \$20,198           \$0           \$20,198           \$20,198           \$20,198           \$20,198           \$20,198           \$20,198           \$20,198           \$20,198           \$20,198           \$339,245           \$206,500           \$137,258           \$324,099           \$1,066,102           \$2,071,609           \$1,126,020           \$4,491,911           \$2,527           \$5,580,737           \$0,555           \$13,63%           \$0           \$8,671,352           \$0,0588
ANNUAL ANNUAL OVERALL	A: CUSTOMER CHARGE B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hr	BILLING UNITS 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	Rate 961.50 - - - \$0.000 \$8.125 \$6.342 \$6.342 \$6.342 \$0.6346 \$0.04275 \$0.02431 - \$0.02431 - \$0.808	Revenue           \$16,781           \$0           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$16,781           \$0           \$11,574           \$114,042           \$269,270           \$888,772           \$1,721,188           \$1,159,483           \$1,126,020           \$4,006,691           \$2,098           \$4,911,342           \$0.0488           \$0           \$7,610,561           \$0.0516	Rate 1,110.63 \$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808 \$0.02808 \$0.935	Revenue           \$19,383           \$0           \$0           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$0           \$19,383           \$10,23,161           \$1,988,072           \$1,339,304           \$1,339,304           \$1,339,304           \$1,339,304           \$1,339,304           \$1,330,0644           \$4,628,020           \$2,427           \$5,672,992           \$0,0564           \$15,51%           \$0           \$8,790,823           \$0,0596           \$15,51%	Rate 1,157.29 50.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431 \$0.04772 \$0.02431 \$0.973	Revenue           \$20,198           \$0           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$20,193           \$0           \$1398,245           \$20,650           \$1398,245           \$20,650           \$13,72,58           \$324,099           \$1,066,102           \$2,071,609           \$1,28,201           \$2,071,609           \$1,29,4281           \$1,126,020           \$4,491,911           \$2,5580,737           \$0,0555           13,63%           \$0           \$8,671,352           \$0,0588           13,94%

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C:Users'tsk'AppData/Local Temp[277169\_1 xts+]RATE SUMMARES

Schedule MEB-COS-7 Page 7 of 8

### MO LARGE POWER PRIMARY VOLTAGE, OFF PEAK - LPGSPO

### \* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

		PRESENT	RATES	COMPANY PROP	OSED RATES	RATES W/RAT	E DESIGN *
	BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
A: CUSTOMER CHARGE							
	32.9	\$961.50	\$31,628	\$1,110.63	\$36,534	\$1,157.29	\$38,068
		\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
		\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
8.5 8-	33	-	\$31,628	_	\$36,534		\$38,068
B: FACILITIES CHARGE	184,768.3	\$2.669	\$493,146	\$3.083	\$569,641	\$3.212	\$593,476
C: DEMAND CHARGE							
First 2500 kw	83,025.4	\$12.206	\$1,013,408	\$14.099	\$1,170,576	\$14.691	\$1,219,727
Next 2500 kw	47,301.2	\$9.765	\$461,896	\$11.280	\$533,557	\$11.753	\$555,931
Next 2500 kw	27,094.7	\$8.179	\$221,607	\$9.448	\$255,991	\$9.844	\$266,720
Over 7500 kw	25,643.6	\$5.972	\$153,144	\$6.898	\$176,890	\$7.188	\$184,326
	183,065	24.7	\$1,850,056	v	\$2,137,013		\$2,226,704
D: ENERGY CHARGE				<ul> <li>angl (a)</li> </ul>			
0-180 hrs use per month	32,583,022.2	\$0.07643	\$2,490,320	\$0.08828	\$2,876,429	\$0.09199	\$2,997,312
181-360 hrs use per month	31,848,183.5	\$0.04800	\$1,528,713	\$0.05544	\$1,765,663	\$0.05358	\$1,706,426
361+ hrs use per month	35,621,082.4	\$0.02507	\$893,021	\$0.02896	\$1,031,587	\$0.02507	\$893,021
11.000 (11.000) (11.0	100,052,288		\$4,912,054	-	\$5,673,679	10 10 10 10 10 10 10 10 10 10 10 10 10 1	\$5,596,758
E: REACTIVE DEMAND ADJUSTMENT	18,467	\$0.803	\$14,922	\$0.935	\$17,261	\$0.973	\$17,969
F: MANUAL BILL USAGE/REVENUE	3,331,242		\$275,851		\$318,637		\$318,637
REVENUE			\$7,577,656		\$8,752,764		\$8,791,612
c/kwh			0.0733		0.0847		0.0850
OVERALL CHANGE (%) used to reference avg customer	5565 3,142,887				15.51%		16.02%

WINTER

			PRESENT	RATES	COMPANY PROPOSED RATE		RATES W/RATE DESIGN *	
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE				5		14	, B
		74.1	\$961.50	\$71,252	\$1,110.63	\$82,304	\$1,157.29	\$85,762
			\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
			\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
		74	-	\$71,252	1	\$82,304	<u></u>	\$85,762
	B: FACILITIES CHARGE	421,362.7	\$2.669	\$1,124,617	\$3.083	\$1,299,061	\$3.212	\$1,353,417
	C: DEMAND CHARGE							
	First 2500 kw	135,518.6	\$8.296	\$1,124,262	\$9.583	\$1,298,674	\$9.985	\$1,353,153
	Next 2500 kw	65,208.8	\$6.476	\$422,292	\$7.480	\$487,762	\$7.795	\$508,303
	Next 2500 kw	34,137.3	\$5.712	\$194,992	\$6.598	\$225,238	\$6.875	\$234,694
	Over 7500 kw	50,764.4	\$4.399	\$223,313	\$5.081	\$257,934	\$5.295	\$268,797
		285,629	1010-015-016 <del>-</del>	\$1,964,859	2 A 5	\$2,269,608	et <del>3.</del>	\$2,364,947
	D: ENERGY CHARGE							
	0-180 hrs use per month	50,915,537.2	\$0.06480	\$3,299,327	\$0.07485	\$3,811,028	\$0.07799	\$3,970,903
	181-360 hrs use per month	50,438,882,7	\$0.04365	\$2,201,657	\$0.05042	\$2,543,128	\$0.04873	\$2,457,887
	361+ hrs use per month	60 572 834 9	S0.02484	\$1,504,629	\$0.02869	\$1,737,835	\$0.02484	\$1,504,629
		161,927,255		\$7,005,613	· · · · · · · · · · · · · · · · · · ·	\$8,091,991		\$7,933,419
	E: REACTIVE DEMAND ADJUSTMENT	42,179	\$0.808	\$34,080	\$0.935	\$39,425	\$0.973	\$41,040
	F: MANUAL BILL USAGE/REVENUE	, 8,383,635		\$610,049		\$704,670		\$704,670
	REVENUE			\$10,810,471		\$12,487,059		\$12,483,255
	c/wh			\$0.0635		\$0.0733		\$0.0733
	OVERALL CHANGE (%)	3854		\$15,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0		15.51%		15.47%
	used to reference avg customer	2,298,220						
×								
ANNUAL		273,694,420		\$18,388,128		\$21,239,823		\$21,274,866
c/kwh				\$0.0672		\$0.0776		\$0.0777
OVERAL	L CHANGE (%)					15.51%		15.70%
Winter Pr	rice Below Summer (SUM-WIN)/SUM			13.4%		13.4%		13.8%
SUMMER	R TOTAL (ALL RATES)	800,788,808		\$56,110,826		\$64,812,855		\$64,972,452
WINTER	TOTAL (ALL RATES)	1,376,678,931		\$84,087,488		\$97,127,977		\$96,967,735
Manual B	ills	29,596,435		\$2,260,002		\$2,610,537		\$2,610,537
GRAND	TOTAL (ANNUAL - ALL RATES)	2,207,064,224		\$142,458,316	N	\$164,551,370		\$164,550,723
c/kwh Su	Immer	e		\$0.0701	3 - C	\$0.0809		\$0.0811
c/kwh Wi	inter			\$0.0611	8.12	\$0.0706		\$0.0704
c/kwh An	เกษลไ			\$0.0645		\$0.0746		\$0.0746
Winter P	rice Below Summer (SUM-WIN)/SUM			12.8%		12.8%		13.2%
OVERAL	L CHANGE (%)					15.506%		15.508%

C'Usersitsk'AppDatalLocalTempi(277109\_1xlsx)RATE SUMMARIES

### KCP&L-MO LARGE GENERAL SERVICE SUMMARY OF PROPOSED SCENARIOS ER-2014-0370 Direct Filing

\* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

Court Cha	Current Dates	Company December 201	Rate Design
Cust Chg	Current Rates	Proposed Rates	Rates -
	1946		
A: CUSTOMER CHARGE	101.15	447.00	100.00
0-24 KW	101.15	117.20	120.29
20-199 KW	101.15	117.20	120.29
1001+ KW	863.50	1 001 15	1 027 03
Separately Metered Space Heat	2.32	2.69	2.76
: FACILITIES CHARGE			
SECONDARY:	2.894	3.355	3.442
Tromsett.	2.000	2.101	2.000
DEMAND CHARGE	6 770	0.000	0.077
SECONDARY-SUMMER:	5.778	6.698	6.8/2
SECONDARY-WINTER	3.109	3.604	3.69/
PRIMARY-SUMMER	5.647	6.547	6./16
PRIMART-WINTER	3.039	3.523	3.014
PRIMARY-WINTER - ELEC ONLY	2.811	3.259	3.343
ENERGY CHARGE			
SECONDARY-SUMMER:	The second		
0-180 hrs use per month	0.08486	0.09838	0.10092
181-360 hrs use per month	0.06075	0.07043	0.06801
361+ hrs use per month	0.04260	0.04939	0.04260
SECONDARY-WINTER:	1 - 1 - 1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -		
0-180 hrs use per month	0.07798	0.09040	0.09274
181-360 hrs use per month	0.04670	0.05414	0.05228
361+ hrs use per month	0.03580	0.04150	0.03580
PRIMARY-SUMMER:		0.00017	0.00000
0-180 hrs use per month	0.08296	0.09617	0.09866
181-360 hrs use per month	0.05930	0.06875	0.06638
361+ hrs use per month	0.04160	0.04823	0.04160
PRIMARY-WINTER:	0.07020	0.00024	0.00000
181,360 hrs use per month	0.0/020	0.05284	0.05002
361+ hrs use per month	0.03510	0.04069	0.03510
SECONDARY-WINTER - ALL ELECTRIC	1.		
0-180 hrs use per month	0.07141	0.08278	0.08492
181-360 hrs use per month	0.04023	0.04664	0.04504
361+ hrs use per month	0.03140	0.03640	0.03140
PRIMARY-WINTER - ALL ELECTRIC	A SAL STO	-	
0-180 hrs use per month	0.06991	0.08105	0.08314
181-360 hrs use per month	0.03934	0.04561	0.04404
361+ hrs use per month	0.03080	0.03571	0.03080
SEPARATELY METERED S/H-WINTER			
SECONDARY	0.05246	0.03640	0.06239
PRIMARY	0.00000	-	
REACTIVE DEMAND ADJUSTMENT	0.726	0.843	0.863
GS Pomany	100.00%	15:0010	10.02
GS Overall Channe (*)	0.00%	15:0384	15,044
GA Secondary	100.00%	15 012	15,535
GA Pamary	100.00%	15,0315	15 34
GA Winter Energy Overall Change	100.00 %	15.932	14.05
GA Overall Chapter (1)	0.00%	15 939	15,491
Vinter Price Balow Summer (SUMAWINVSUM	28.0%	16 424	15.85
Iverall Change	20.076	15.75%	15,735
Revenue Change in Revenue	\$180,421,101	\$208,797,372	\$208,796,772 \$28,375,671

Proposed change per Revenue Summary

\$28,376,275 (\$604)

### MO LARGE GENERAL SECONDARY VOLTAGE - LGSS

SUMMER

### \* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

SUMMER								
			PRESENT	RATES	COMPANY PROP	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	AL CURTOWER CHARGE							
	0.24 KW	-	\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	25-199 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	200-999 KW	2,255.5	\$101.15	\$228,145	\$117.26	\$264,481	\$120.29	\$271,315
	1001+ KW	102.0	\$863.59	\$88,050	\$1,001.15	\$102,076	\$1,027.03	\$104,715
	Separately Metered Space Heat		\$2.32	\$0	\$2.69	\$0	\$2.76	\$0
		2,357	-	\$316,195	53 ( <del>-</del>	\$366,557	-	\$376,030
	B: FACILITIES CHARGE	1,060,170.9	\$2.894	\$3,068,135	\$3.355	\$3,556,873	\$3.442	\$3,649,108
	C: DEMAND CHARGE	1,082,957.6	\$5.778	\$6,257,329	\$6.698	\$7,253,650	\$6.872	\$7,442,085
	D: ENERGY CHARGE			A 4 5 7 7 6 6 5 6	00 00000	A40.000.057	50 (0000	010 705 101
	0-180 hrs use per month	185,940,957.7	\$0.08485	\$15,778,950	\$0.09838	\$18,293,057	\$0.10092	\$18,705,101
	181-360 hrs use per month	152,515,075.4	\$0.06075	\$9,265,291	\$0.07043	\$10,741,037	\$0.00501	\$10,372,000
	361+ hrs use per month	/9,598,100.9	\$0.04260	\$3,390,002	\$0.04939	\$3,931,303	\$0.04200 -	\$3,390,002
		410,034,194	-	\$20,435,122	2-	\$32,900,047	-	\$32,020,093
	E: SEPARATELY METERED SPACE HEAT		\$0.05246	\$0	\$0.03640	\$0	\$0.06239	\$0
	F: REACTIVE DEMAND ADJUSTMENT	1,890.8	\$0.726	\$1,373	\$0.843	\$1,595	\$0.863	\$1,632
	MANUAL DULC	8 500 450		\$861 345		\$998 550		\$998 550
	DEVENUE	0,033,400		\$38 939 499		\$45 143 272		\$44 995 998
	closh			\$0.0913		\$0 1058		\$0 1055
	ELLICTUATION (%)			\$0.0515		15 93%		15 55%
	used to reference ava customer	180 980				10.0075		10.0075
WINTER			-		5 <u>-</u>			N
		10101010101010101010101	PRESENT	RATES	COMPANY PROP	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMED CHARGE							
	0.24 KW	-	\$101.15	\$0	\$117.26	\$0	120 29	\$0
	25-199 KW	-	\$101.15	50	\$117.26	\$0	120.29	\$0
	200-999 KW	5.443.5	\$101.15	\$550,608	\$117.26	\$638,302	120.29	\$654,796
	1001+ KW	242.2	\$863.59	\$209,137	\$1.001.15	\$242,450	1.027.03	\$248,718
	Separately Metered Space Heat	-	\$2.32	\$0	\$2.69	\$0	2.76	\$0
	1 1 1	5,688	-	\$759,745	6.00 19	\$880,753	-	\$903,514
	B: FACILITIES CHARGE	2,573,224.0	\$2.894	\$7,446,910	\$3.355	\$8,633,166	\$3.442	\$8,857,037
		1 051 240 2	62 100	\$0.000 74F	62 60 4	67 022 662	\$2.607	67 014 100
	C: DEMAND CHARGE	1,951,349.2	\$3.109	\$6,066,745	\$3.004	\$7,032,003	\$3.097	\$1,214,130
	D: ENERGY CHARGE				and the second se			
	0-180 hrs use per month	323,263,444.2	\$0.07798	\$25,208,083	\$0.09040	\$29,223,015	\$0.09274	\$29,979,452
	181-360 hrs use per month	255,144,981.6	\$0.04670	\$11,915,271	\$0.05414	\$13,813,549	\$0.05228	\$13,338,980
	361+ hrs use per month	116,636,957.8	\$0.03580	\$4,175,603	\$0.04150	\$4,840,434	\$0.03580	\$4,175,603
		695,045,384	, ;	\$41,298,957	85	\$47,876,998		\$47,494,035
	E: SEPARATELY METERED SPACE HEAT		\$0.05246	\$0	\$0.03640	\$0	\$0.06239	\$0
	F: REACTIVE DEMAND ADJUSTMENT	4,244.1	\$0.726	\$3,081	\$0.843	\$3,579	\$0.863	\$3,663
		02 250 240 0		50 010 DIE		\$0.075 C74		60 075 674
	MANUAL BILLS	23,350,249.9		\$2,049,240		\$2,313,014		\$2,373,074
	Abub			\$0,020,000		\$0,002,033		\$0,040,000
	ELECTIATION (%)			40.000Z		15 93%		16.01%
	used to reference avg customer	126,352				10.0073	5	10.0174
						12 Holp Spectra and		2010/01/14/07/14/07/07
ANNUAL	ENERGY/REVENUE	1,145,049,278		\$96,564,183		\$111,946,105		\$111,844,057
c/kwh				\$0.0843		\$0.0978		\$0.0977
FLUCTUA	TION (%)			~	1	15.93%		15.82%
ur				10.407		10 10/		44.022
15/10tor Dri	ce Below Summer (SUM-WINVSUM			12.175		12.172		11.8%

C:Users'tsk'AppData/Local/Temp(277163\_1xlsx)RATE SUMMARIES

### MO LARGE GENERAL PRIMARY VOLTAGE - LGSP

\* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

SUMMER								
		DILLING UNITS	PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	0-24 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	25-199 KW	-	\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	200-999 KW	194.2	\$101.15	\$19,640	\$117.26	\$22,768	\$120.29	\$23,357
	1001+ KW	65.2	\$863.59	\$56,285	\$1,001.15	\$65,250	\$1,027.03	\$66,937
	Separately Metered Space Heat		\$2.32	\$0	\$2.69	\$0	\$2.76	\$0
		259	-	\$75,925		\$88,019	,	\$90,294
	B: FACILITIES CHARGE	215,594.6	\$2.399	\$517,211	\$2.781	\$599,569	\$2.853	\$615,091
	C: DEMAND CHARGE	220,881.5	\$5.647	\$1,247,318	\$6.547	\$1,446,111	\$6.716	\$1,483,440
	D: ENERGY CHARGE							
	0-180 hrs use per month	38,579,132,5	\$0.08296	\$3,200,525	\$0.09617	\$3,710,194	\$0.09866	\$3,806,217
	181-360 hrs use per month	31,653,080.7	\$0.05930	\$1,877,028	\$0.06875	\$2,176,149	\$0.06638	\$2,101,131
	361+ hrs use per month	15,330,719,3	\$0.04160	\$637,758	\$0.04823	\$739,401	\$0.04160	\$637,758
		85,562,932	-	\$5,715,310	-	\$6,625,744		\$6,545,107
	E: SEPARATELY METERED SPACE HEAT	· •	\$0.00000	\$0	\$0.00000	\$0	\$0.00000	\$0
	F: REACTIVE DEMAND ADJUSTMENT	18,135	\$0.726	\$13,166	\$0.843	\$15,294	\$0.863	\$15,650
	MANUAL DULC	0.000.400.0		\$070.007		6045 CO2		5045 000
	MANUAL BILLS	2,096,422.2		\$272,307		\$315,683		\$315,683
	REVENUE			\$1,041,231		\$9,090,419		\$9,005,205
	ELUCTUATION (%)			\$0.0895		15 03%		30.1034
	used to reference ava customer	338.004				10.0078		15.0175
WINTER								
			PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	0.24 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	25-199 KW		\$101.15	\$0	\$117.26	so	\$120.29	\$0
	200-999 KW	490.1	\$101.15	\$49,575	\$117.26	\$57,470	\$120.29	\$58,955
	1001+ KW	178.3	\$863.59	\$153,965	\$1,001.15	\$178,490	\$1,027.03	\$183,104
	Separately Metered Space Heat		\$2.32	\$0	\$2.69	\$0	\$2.76	\$0
	Constant Constanting Constanting Statistics and Constanting Statistics	668	-	\$203,540		\$235,960		\$242,059
	B: FACILITIES CHARGE	569,171.9	\$2.399	\$1,365,443	\$2.781	\$1,582,867	\$2.853	\$1,623,847
		101.019.2	\$2,020	61 007 002	63 503	61 400 400	52.514	64 400 001
	C. DEMAND CHARGE	404,040.0	\$5.059	\$1,227,903	\$3.323	\$1,423,402	\$5.014	\$1,400,231
	D: ENERGY CHARGE							
	0-180 hrs use per month	70,214,441.7	\$0.07620	\$5,350,340	\$0.08834	\$6,202,744	\$0.09062	\$6,362,833
	181-360 hrs use per month	57,751,799.9	\$0.04558	\$2,632,327	\$0.05284	\$3,051,605	\$0.05103	\$2,947,074
	361+ hrs use per month	26,921,516.0	\$0.03510	\$944,945	\$0.04069	\$1,095,436	\$0.03510	\$944,945
		154,887,758	-	\$8,927,613		\$10,349,785		\$10,254,852
	E: SEPARATELY METERED SPACE HEAT		\$0.00000	\$0	\$0.00000	\$0	\$0.00000	\$0
	F: REACTIVE DEMAND ADJUSTMENT	41,754	\$0.726	\$30,313	\$0.843	\$35,213	\$0.863	\$36,033
	MANUAL BILLS	2 140 656 8		\$387,957		\$449,755		\$449 755
	REVENUE	21110,000.0		\$12 142 768		\$14 077 042		\$14 066 778
	c/kwh			\$0.0773		\$0.0896		\$0.0896
	FLUCTUATION (%)					15.93%		15.84%
	used to reference avg customer	234,934						
				in the second				1990 (1990)
ANNUAL E	NERGY/REVENUE	244,687,769		\$19,984,005		\$23,167,461		\$23,132,043
c/kwh	TON (W)			\$0.0817		\$0.0947		\$0.0945
FLUCIUA	10N (%)					15.93%		15.75%
Winter Pri	ce Below Summer (SUM-WIN)/SUM			13.6%		13.6%		13.4%
SUMMER '	TOTAL (LGSS/LGSP)	514,312,999		\$46,780,736		\$54,233,691		\$54,061,263
WINTER T	OTAL (LGSS/LGSP)	875,424,048		\$69,767,453		\$80,879,875		\$80,914,837
GRAND TO	DTAL (ANNUAL-LGSS/LGSP)	1,389,737,047		\$116,548,189		\$135,113,566		\$134,976,100
c/kwh				\$0.0839		\$0.0972		\$0.0971
OVERAL O	CHANGE (%)					15.93%		15.81%

CNUsers'th/AppData/Loca/Temp/(277163\_1ats/)RATE SUMMARIES

#### MO LARGE GENERAL

SUMMER

SECONDARY VOLTAGE, ALL ELECTRIC (ONE METER) - LGSSA

\* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use – use 75% of Average Increase Energy over 360 Hours Use – use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

PRESENT RATES COMPANY PROPOSED RATES RATES W/RATE DESIGN \* Rate **BILLING UNITS** Revenue Rate Revenue Rate Revenue A: CUSTOMER CHARGE \$101.15 \$120.29 0-24 KW \$0 \$117.26 \$0 \$0 . 25-199 KW \$101.15 \$0 \$117.26 \$0 \$120.29 \$0 200-999 KW 519.0 \$101.15 \$52 495 \$117.26 \$60,856 \$120.29 \$62 428 \$863.59 \$122,116 \$1,001.15 \$141,568 \$1,027.03 \$145,227 1001+ KW 141.4 Separately Metered Space Heat \$2.32 \$2.69 \$0 \$2.76 \$0 \$0 660 \$207.655 \$174,611 \$202,423 B: FACILITIES CHARGE 477.275.8 \$2.894 \$1.381.236 \$3.355 \$1,601,260 \$3,442 \$1,642,783 C: DEMAND CHARGE \$2,524,003 \$6 698 \$2,925,887 \$6 872 \$3.001.895 436,829.9 \$5.778 D: ENERGY CHARGE 76.809.758.3 \$0.08486 \$6,518,076 \$0.09838 \$7,556,621 \$0,10092 \$7,751,641 0-180 hrs use per month 181-360 hrs use per month 70,540,530.7 \$0.06075 \$4,285,337 \$0.07043 \$4,968,170 \$0.06801 \$4,797,461 \$2,086,146 \$0.04260 361+ hrs use per month 42 238 222.9 \$0.04260 \$1,799,348 \$0.04939 \$1,799,348 189,588,512 \$14,610,936 \$14,348,451 \$12,602,762 E: SEPARATELY METERED SPACE HEAT \$0.05246 \$0 \$0.03640 \$0 \$0.06239 \$0 F: REACTIVE DEMAND ADJUSTMENT \$0.863 3,048 \$0.726 \$2,213 \$0.843 \$2,571 \$2,631 MANUAL BILLS 10.424.776.5 \$811,768 \$941 076 \$941 076 REVENUE \$17,496,593 \$20,284,154 \$20,144,491 c/kwh \$0.0875 \$0,1014 \$0,1007 FLUCTUATION (%) 15.93% 15.13% used to reference avg customer 302.873 WINTER COMPANY PROPOSED RATES RATES W/RATE DESIGN \* PRESENT RATES BILLING UNITS Rate Revenue Rate Rate Revenue Revenue A: CUSTOMER CHARGE 0-24 KW \$101.15 \$0 \$117.26 \$0 \$120.29 \$0 25-199 KW \$101.15 \$0 \$117.26 \$0 \$120.29 \$0 1,352.6 \$101.15 \$136,816 \$117.26 \$158,607 \$120.29 \$162,705 200-999 KW 1001+ KW 388.8 \$863.59 \$335,773 \$1,001.15 \$389.257 \$1,027.03 \$399,320 Separately Metered Space Heat \$2.32 \$2.69 \$2.76 \$0 \$0 \$0 \$562,025 1,741 \$472,589 \$547.864 **B: FACILITIES CHARGE** 1,285,518.6 \$2.894 \$3,720,291 \$3.355 \$4,312,915 \$3.442 \$4,424,755 C: DEMAND CHARGE 1,001,446.4 \$2.879 \$2,883,164 \$3.338 \$3,342,828 \$3.424 \$3,428,953 D: ENERGY CHARGE 176,405,679.9 \$0.07141 \$12,597,130 \$0.08278 \$0.04664 \$14,602,862 \$0.08492 \$14,980,370 \$6,966,837 0-180 hrs use per month \$7,214,327 \$0.04504 154.681.102.8 \$0.04023 \$6.222.821 181-360 hrs use per month 78,860,547. \$0.03140 \$0.03640 \$0.03140 \$2,476,221 361+ hrs use per month \$2,476,221 \$2,870,524 409,947,330 \$21,296,172 \$24 687 713 \$24,423,428 E: SEPARATELY METERED SPACE HEAT \$0.05246 \$0 \$0.03640 \$0 \$0.06239 \$0 . F: REACTIVE DEMAND ADJUSTMENT 3,594 \$0,726 \$2,609 \$0.843 \$3,031 \$0.863 \$3,101 MANUAL BILLS 34,003,869.5 \$2,103,124 \$2,438,134 \$2,438,134 REVENUE \$30,477,949 \$35,332,485 \$35,280,396 \$0.0687 \$0.0796 \$0.0795 c/kwh FLUCTUATION (%) 15.93% 15.76% 254,936 used to reference ava customer ANNUAL ENERGY/REVENUE \$47,974,542 \$55,616,638 \$55,424,888 643,964,488 \$0.0745 \$0.0864 \$0.0861 c/kwh FLUCTUATION (%) 15.93% 15 53% Winter Price Below Summer (SUM-WIN)/SUM 21.5% 21.5% 21.1%

C1Users/tsk/AppData/Loca/Temp(277168\_1x/sx)RATE SUMMARIES

### MO LARGE GENERAL

PRIMARY VOLTAGE, ALL ELECTRIC (ONE METER) - LGSPA

\* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

SUMMER		0	Mates Designed t	A A A A A A A A A A A A A A A A A A A	a rioposed merease.			
			PRESENT	RATES	COMPANY PROP	OSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	0-24 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	25-199 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	200-999 KW	9.8	\$101.15	\$992	\$117.26	\$1,150	\$120.29	\$1,179
	1001+ KW	36.0	\$863.59	\$31,049	\$1,001.15	\$35,995	\$1,027.03	\$36,925
	Separately Metered Space Heat		\$2.32	\$0	\$2.69	\$0	\$2.76	\$0
			-	\$52,041		\$57,144		430,103
	B: FACILITIES CHARGE	130,922.0	\$2.399	\$314,082	\$2.781	\$364,094	\$2.853	\$373,521
	C: DEMAND CHARGE	116,842.2	\$5.647	\$659,808	\$6.547	\$764,966	\$6.716	\$784,712
	D: ENERGY CHARGE							
	0-180 hrs use per month	21,029,231.8	\$0.08296	\$1,744,585	\$0.09617	\$2,022,402	\$0.09866	\$2,074,744
	181-360 hrs use per month	17,955,019.7	\$0.05930	\$1,064,733	\$0.06875	\$1,234,408	\$0.06638	\$1,191,854
	361+ hrs use per month	12,213,990.9	\$0.04160	\$508,102	\$0.04823	\$3,845,891	\$0.04160	\$508,102
		01,100,242		\$0,011,420	1	\$0,010,031	-	\$3,174,700
	E: SEPARATELY METERED SPACE HEAT		\$0.00000	\$0	\$0.00000	\$0	\$0.00000	\$0
	F: REACTIVE DEMAND ADJUSTMENT	6,810	\$0.726	\$4,944	\$0.843	\$5,743	\$0.863	\$5,877
	REVENUE			\$4,328,294		\$5,017,838		\$4,976,914
	c/kwh			\$0.0845		\$0.0980		\$0.0972
	FLUCTUATION (%)	1				15.93%		14.99%
	used to reference avg customer	1,118,873						
WINTER								
marcix			PRESENT	RATES	COMPANY PROP	OSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE		2000	1202				122
	0-24 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	25-199 KW	00 4	\$101.15	\$0	\$117.20	\$0	\$120.29	\$0
	1001+ KW	20.4	\$863.59	\$2,072	\$1.001.15	\$3,097	\$120.29	\$3,177
	Senaralely Metered Snace Heat		\$2.32	\$05,050	\$2.69	\$0,350	\$2.76	\$0,404
	ocposition metered opace richt	123	-	\$86,307	42.00	\$100,055	¥2	\$102,641
						A		
	B: FACILITIES CHARGE	366,052.1	\$2.399	\$878,159	\$2.781	\$1,017,991	\$2.853	\$1,044,347
	C: DEMAND CHARGE	268,430.9	\$2.811	\$754,559	\$3.259	\$874,816	\$3.343	\$897,365
	D: ENERGY CHARGE							
	0-180 hrs use per month	48,281,458.1	\$0.06991	\$3,375,357	\$0.08105	\$3,913,212	\$0.08314	\$4,014,120
	181-360 hrs use per month	41,243,905.7	\$0.03934	\$1,622,535	\$0.04561	\$1,881,135	\$0.04404	\$1,816,382
	361+ hrs use per month	23,694,554.7	\$0.03080	\$729,792	\$0.03571	\$846,133	\$0.03080	\$729,792
		113,219,919	, i i i i i i i i i i i i i i i i i i i	\$5,727,684	-	\$6,640,479		\$6,560,294
	E: SEPARATELY METERED SPACE HEAT	-	\$0.00000	\$0	\$0.00000	\$0	\$0.00000	\$0
	F: REACTIVE DEMAND ADJUSTMENT	8,288	\$0.726	\$6,017	\$0.843	\$6,990	\$0.863	\$7,153
	ADJUSTMENT			\$0		\$0		\$0
	REVENUE			\$7,452,727		\$8,640,332		\$8,611,800
	c/kwh			\$0.0658		\$0.0763		\$0.0761
	FLUCTUATION (%)					15.94%		15.55%
	used to reference avg customer	918,551						
ANNUAL E	NERGY/REVENUE	164,418,161		\$11,781,022		\$13,658,170		\$13,588,714
c/kwh				\$0.0717		\$0.0831		\$0.0826
FLUCTUA	NON (%)					15.93%		15.34%
Winter Price	ce Below Summer (SUM-WIN)/SUM			22.1%		22.1%		21.8%
SUMMER 1	TOTAL (LGSSA/LGSPA)	251,211,531		\$21,824,888		\$25,301,992		\$25,121,406
WINTER T	OTAL (LGSSA/LGSPA)	557,171,118		\$37,930,676		\$43,972,816		\$43,892,196
GRAND TO	DTAL (ANNUAL-LGSSA/LGSPA)	808,382,649		59,755,564		69,274,808		69,013,602
c/kwh				\$0.0739		\$0.0857		\$0.0854
OVERALL	WINTER ENERGY CHANGE					15.93%		14.65%
OVERALO	SHANGE (%)					15.93%		15.49%

CNUsers/tsk/AppData/Local/Temp/(277163\_1x/sx)RATE SUMMAR ES

### MO LARGE GENERAL

SECONDARY VOLTAGE, SPACE HEAT (TWO METER) - LGSSH

#### \* Equal Percent Increase to All Rate Components except Energy 181-360 Hours Use -- use 75% of Average Increase Energy over 360 Hours Use -- use Current Rates Rates Designed to Achieve KCP&L's Proposed Increase.

SUMMER			Nates Designed	to Athleve Nor al	arroposed increase			
			PRESEN	TRATES	COMPANY PRO	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	0-24 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	200.000 KW	112.3	\$101.15	\$11 361	\$117.20	\$13 171	\$120.29	\$12 511
	1001+ KW	12.3	\$863.50	\$10,440	\$1 001 15	\$12,103	\$120.29	\$13,511
	Senarately Metered Snace Heat	124.4	\$2.32	\$289	\$2.69	\$335	\$2.76	\$12,415
	ocputately motored opace field	249		\$22,090	·	\$25,608	42.70	\$26,270
	B: FACILITIES CHARGE	56,753.6	\$2.894	\$164,245	\$3.355	\$190,408	\$3.442	\$195,346
	C: DEMAND CHARGE	46,146.0	\$5.778	\$266,631	\$6.698	\$309,086	\$6.872	\$317,115
	D: ENERGY CHARGE							
	0-180 hrs use per month	7,136,110.3	\$0.08486	\$605,570	\$0.09838	\$702,058	\$0.10092	\$720,176
	181-360 hrs use per month	6,127,525.1	\$0.06075	\$372,247	\$0.07043	\$431,562	\$0.06801	\$416,733
	361+ hrs use per month	2,910,295.9	\$0.04260	\$123,979	\$0.04939	\$143,740	\$0.04260	\$123,979
		16,173,931		\$1,101,796		\$1,277,359		\$1,260,888
	E: SEPARATELY METERED SPACE HEAT	-	\$0.00000	\$0	\$0.00000	\$0	\$0.00000	\$0
	F: REACTIVE DEMAND ADJUSTMENT		\$0.726	\$0	\$0.843	\$0	\$0.863	\$0
	MANUAL BILLS	243,022.3		\$27,405		\$31,770		\$31,770
	REVENUE			\$1,582,167		\$1,834,231		\$1,831,389
	c/kwh			\$0.0964		\$0.1117		\$0.1116
	FLUCTUATION (%)					15.93%		15.75%
	used to reference avg customer	65,978						
WINTER								
THILLY			PRESEN	TRATES	COMPANY PRO	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	0-24 KW	-	\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	25-199 KW		\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	200-999 KW	222.8	\$101.15	\$22,533	\$117.26	\$26,122	\$120.29	\$26,797
	1001+ KW	24.1	\$863.59	\$20,845	\$1,001.15	\$24,165	\$1,027.03	\$24,790
	Separately Metered Space Heat	246.9	\$2.32	\$573	\$2.69	\$664	\$2.76	\$681
		494		\$43,951		\$50,952		\$52,269
	B: FACILITIES CHARGE	115,338.7	\$2.894	\$333,790	\$3.355	\$386,961	\$3.442	\$396,996
	C: DEMAND CHARGE	100,383.7	\$3.109	\$312,093	\$3.604	\$361,783	\$3.697	\$371,118
	D: ENERGY CHARGE							
	0-180 hrs use per month	7.634.008.2	\$0.07798	\$595 300	\$0.09040	\$690,114	\$0.09274	\$707 978
	181-360 hrs use per month	6,151,501,5	\$0.04670	\$287,275	\$0.05414	\$333.042	\$0.05228	\$321,600
	361+ hrs use per month	2,435,101.7	\$0.03580	\$87,177	\$0.04150	\$101,057	\$0.03580	\$87,177
		16,220,611		\$969,752		\$1,124,213		\$1,116,755
	E: SEPARATELY METERED SPACE HEAT	14,916,720.8	\$0.05246	\$782,531	\$0.03640	\$542,969	\$0.06239	\$930,654
	F: REACTIVE DEMAND ADJUSTMENT		\$0,726	\$0	\$0.843	\$0	\$0,863	\$0
	MANUAL BILLS	1,167,057.7		\$93,065		\$107,889		\$107,889
	REVENUE			\$2,535,182		\$2,574,767		\$2,975,681
	c/kwh			\$0.0785	1.00	\$0.0797		\$0.0921
	FLUCTUATION (%)					1.56%		17.38%
	used to reterence avg customer	65,694						
	NERGY/REVENIE	48 721 343		\$4 117 340		\$4 403 003		\$4 807 070
c/lowh	NERGTREVENCE	40,721,343		\$0.0845		\$0,0905		\$4,607,070
FLUCTUA	FION (%)			40.0010		7.08%		16.75%
	• •							
Winter Price	e Below Summer (SUM-WIN)/SUM			18.6%		28.7%		17.4%
SUMMER	FOTAL (ALL RATES)	760,577,812		\$68,214,966		\$79,082,835		\$78,726,979
WINTER T	OTAL (ALL RATES)	1,404,237,722		\$105,599,919		\$122,056,007		\$122,411,263
MANUAL B	ILLS-CREDITS-ADJUSTMENTS	82,025,505		\$6,606,216		\$7,658,530		\$7,658,530
GRAND TO	DTAL (ANNUAL - ALL RATES)	2,246,841,039		\$180,421,101		\$208,797,372		\$208,796,772
c/kwh Sun	imer			\$0.0897		\$0.1040		\$0.1035
c/kwh Win	ter			\$0.0752		\$0.0869		\$0.0872
c/kwh Ann	ual			\$0.0803		\$0.0929		\$0.0929
WINTER Prin	CHANGE (%)			16.2%		16.4%		15.8%
OVERALL	CHANGE (%)					15.128%		15./3%

C1UMmitskiAppDatalLocaNTempi(277168\_1xtp)RATE SUMMARIES

### KANSAS CITY POWER & LIGHT COMPANY 2015 Rate Case - Direct Filing Missouri Jurisdiction Energy Losses by Rate and Voltage Level TY 3/31/14; Update 10/31/14; K&M 4/30/15

	. Para suri	Energy @	Energy @	Logg
Line	Missouri Boto Group	Meter (Mih)	Generator (MMb)	Eastor
Line	Rate Group	(1)	(())	(3)
		(1)	(2)	(0)
1	LGSP	244,687,769	253,758,834	1.037072
2	LGSPA	164,418,161	170,513,471	1.037072
3	LGSPH	0	0	
4	LGSS	1,145,049,278	1,215,227,058	1.061288
5	LGSSA	643,964,488	683,431,783	1.061288
6	LGSSH	48,721,343	51,707,377	1.061288
7	TOTAL	2,246,841,039	2,374,638,523	
8	LPGSP	848,759,784	880,225,007	1.037072
9	LPGSPO	273,694,420	283,840,819	1.037072
10	LPGSS	460,991,814	489,245,081	1.061288
11	LPGSPO	. 0	0	
12	LPGSSS	344,252,676	352,799,782	1.024828
13	LPGSTR	131,817,671	133,880,749	1.015651
14	LPSTRO	147,547,859	149,857,130	1.015651
15	TOTAL	2,207,064,224	2,289,848,568	
16	MGSP	9.396.192	9,744,528	1.037072
17	MGSPA	396.843	411.555	1.037072
18	MGSPH	0	0	
19	MGSS	970.815.626	1.030.314.974	1.061288
20	MGSSA	110.317.475	117.078.613	1.061288
21	MGSSH	22.014.495	23.363.719	1.061288
22	TOTAL	1,112,940,632	1,180,913,389	
23	SGSP	1,252,067	1,298,483	1.037072
24	SGSPA	0	0	
25	SGSPH	0	0	
26	SGSPU	0	0	
27	SGSS	382,747,826	406,205,675	1.061288
28	SGSSA	15,366,343	16,308,115	1.061288
29	SGSSH	5,816,232	6,172,697	1.061288
30	SGSSU	7,377,858	7,830,032	1.061288
31	TOTAL	412,560,325	437,815,002	
32	RESA	1,870,294,513	1,984,921,123	1.061288
33	RESB	570,415,845	605,375,491	1.061288
34	RESC	162,008,520	171,937,698	1.061288
35	RTOD	545,195	578,609	1.061288
36	TOTAL	2,603,264,072	2,762,812,921	
37	Off Peak Ltg	646,391	686,007	1.061288
38	Other	85,340,160	90,570,488	1.061288
39	TOTAL NON-BF	85,986,551	91,256,495	
40	MO TOTALS	8,668,656,844	9,137,284,899	
	By Voltage Level:			
41	Secondary	6.502,433,402	6.900.954.540	1.061288
42	Primary	1.542.605.236	1,599,792,698	1.037072
43	Substation	344,252,676	352,799,782	1.024828
44	Transmission	279,365,529	283,737,879	1.015651
45	Total	8,668,656,844	9,137,284,899	

Source: KCPL Allocators MO Rev 10-9-14 Avg-Pk 4 CP - not included in 12-1-14 wkps.xls, Sales tab

### Development of Average and Excess Demand Allocator Based on 2 Non-Coincident Peaks For the Test Year Ended March 31, 2014

Line	Description	Missouri Retail	Residential	Small General Service	Medium General Service	Large General Service	Large Power Service	Other Lighting
	······	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Missouri System Peak	1,865,474						
2	Avg of 2 Highest Monthly NCP Values	2,062,266	878,647	109,779	269,011	445,725	337,519	21,586
3	Energy Sales with Losses - MWh	9,137,285	2,762,813	437,815	1,180,913	2,374,639	2,289,849	91,256
4 5	Average Demand - kW Average Demand - Percent	1,043,069 1.000000	315,390 0.302367	49,979 0.047915	134,807 0.129241	271,077 0.259884	261,398 0.250605	10,417 0.009987
6 7	Class Excess Demand - kW Class Excess Demand - Percent	1,019,197 1.000000	563,257 0.552648	59,800 0.058673	134,203 0.131675	174,648 0.171358	76,121 0.074687	11,169 0.010958
8 9 10	Allocator: Annual Load Factor * Average Demand (1-LF) * Excess Demand Average and Excess Demand Allocator	0.559144 0.440856 1.000000	0.169067 0.243638 0.412705	0.026792 0.025867 0.052658	0.072264 0.058050 0.130314	0.145313 0.075544 0.220857	0.140124 0.032926 0.173050	0.005584 0.004831 0.010415
	Notes: Line 4 equals Line 3 + 8.760 Line 6 equals Line 2- Line 4							
	System Annual Load Factor 1 - Load Factor	55.91% 44.09%						

Source: KCPL Allocators MO\_BAI A&E 2NCP.xls

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#### KANSAS CITY POWER & LIGHT COMPANY 2015 RATE CASE - Direct COST OF SERVICE - Missouri Jurisdiction TY 3/31/14; Update 10/31/14; K&M 4/30/15

LINE NO.	DESCRIPTION	MISSOURI RETAIL	RESIDENTIAL	SMALL GEN. SERVICE	MEDIUM GEN. SERVICE	LARGE GEN. SERVICE	LARGE PWR SERVICE	TOTAL LIGHTING
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
0010	SCHEDULE 1 - SUMMARY OF OPERATING INC & RATE BA	SE						
0020								
0030	OPERATING REVENUE							
0040	RETAIL SALES REVENUE	767,355,793	285,159,916	48,836,426	103,290,211	180,113,158	140,231,588	9,724,494
0050	OTHER OPERATING REVENUE	413,609,396	125,856,489	19,881,740	53,459,512	107,159,767	103,102,717	4,149,170
0060	TOTAL OPERATING REVENUE	1,180,965,189	411,016,406	68,718,167	156,749,723	287,272,925	243,334,305	13,873,664
0070								
0080	OPERATING EXPENSES							
0090	FUEL	222,511,027	67,756,974	10,677,580	28,777,564	57,588,910	55,482,283	2,227,716
0100	PURCHASED POWER	304,735,754	92,266,295	14,608,136	39,377,911	79,157,649	76,274,910	3,050,853
0110	OTHER OPERATION & MAINTENANCE EXPENSES	303,491,601	140,753,773	18,506,651	36,088,107	57,330,382	46,531,706	4,280,982
0120	DEPRECIATION EXPENSES (AFTER CLEARINGS)	116,953,542	52,713,586	6,887,261	15,453,775	23,277,353	17,145,619	1,475,947
0130	AMORTIZATION EXPENSES	15,665,901	6,936,700	904,427	2,058,557	3,199,577	2,366,999	199,641
0140	TAXES OTHER THAN INCOME TAXES	58,619,563	26,330,339	3,438,576	7,577,440	11,762,790	8,753,512	756,906
0150	CURRENT INCOME TAXES	14,819,681	(9,994,524)	2,701,697	4,587,542	11,112,892	6,187,730	224,343
0160	DEFERRED INCOME TAXES	15,669,609	7,045,970	916,911	2,040,121	3,146,954	2,319,503	200,151
0170	TOTAL ELECTRIC OPERATING EXPENSES	1.052,466,678	383,809,113	58,641,239	135,961,018	246,576,507	215,062,262	12,416,539
0180								
0190	NET ELECTRIC OPERATING INCOME	128,498,510	27,207,292	10,076,928	20,788,704	40,696,418	28,272,044	1,457,125
0200								
0210	RATE BASE							
0220	TOTAL ELECTRIC PLANT	5,043,175,544	2,259,671,150	293,703,793	656,140,823	1,017,312,668	752,610,009	63,737,101
0230	LESS: ACCUM, PROV, FOR DEPREC	2,040,172,942	916,587,381	120,359,680	261,404,453	407,660,370	302,396,395	31,764,661
0240	NET PLANT	3,003,002,603	1,343,083,769	173,344,113	394,736,370	609,652,298	450,213,614	31,972,439
0250	PLUS:							
0260	CASH WORKING CAPITAL	(58,530,428)	(24,757,768)	(3,570,540)	(7,723,217)	(12,446,576)	(9,297,208)	(735,119)
0270	MATERIALS & SUPPLIES	57,386,822	24,624,083	3,180,466	7,512,406	12,154,872	9,244,524	670,472
0280	PREPAYMENTS	6,397,922	2,801,525	356,342	813,265	1,332,572	1,024,697	69,520
0290	FUEL INVENTORY	80,107,604	24,200,924	3,835,784	10,358,639	20,800,550	20,110,413	801,295
0300	REGULATORY ASSETS	111,292,579	46,842,653	7,571,153	13,622,623	23,328,467	18,619,219	1,308,464
0310	LESS:							
0320	CUSTOMER ADVANCES FOR CONSTRUCTION	167,781	91,553	12,598	22,671	24,733	12,753	3,474
0330	CUSTOMER DEPOSITS	3,567,416	1,780,441	1,424,044	301,429	56,982	4,521	0
0340	DEFERRED INCOME TAXES	599,672,820	268,692,485	34,923,667	78,020,250	120,966,393	89,491,187	7,578,837
0350	DEFERRED GAIN ON SO2 EMISSIONS ALLOWANCE	39,136,133	11,833,473	1,875,216	5,058,000	10,170,874	9,807,708	390,863
0360	DEFERRED GAIN(LOSS) EMISSIONS ALLOWANCE	23,191	7,012	1,111	2,997	6,027	5,812	232
0370	TOTAL RATE BASE	2,557,089,761	1,134,390,222	146,480,681	335,914,739	523,597,174	390,593,278	26,113,666
0380								
0390	RATE OF RETURN	5.025%	2.398%	6.879%	6.189%	7.772%	7.238%	5.580%
0400	RELATIVE RATE OF RETURN	1.00	0.48	1.37	1.23	1,55	1.44	1.11

Notes:

Production Plant and Expense, and Transmission Allocated using A&E-2NCP.

### Development of 4 CP Demand Allocator For the Test Year Ended March 31, 2014

Lino	Description	Missouri Potail	Pacidontial	Small General Sonviso	Medium General Service	Large General Service	Large Power Sopuiae	Other
	Description	(1)	(2)	(3)	(4)	(5)	(6)	<u> </u>
1	4 CP Demand - kW	1,805,371	749,919	100,773	232,203	391,759	330,717	_
2	4 CP Demand - Percent	1.000000	0.415382	0.055818	0.128618	0.216996	0.183185	-

Source: KCPL Allocators MO\_BAI 4CP.xls

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### KANSAS CITY POWER & LIGHT COMPANY 2015 RATE CASE - Direct COST OF SERVICE - Missouri Jurisdiction TY 3/31/14; Update 10/31/14; K&M 4/30/15

LINE NO.	DESCRIPTION	MISSOURI . RETAIL	RESIDENTIAL	SMALL GEN. SERVICE	MEDIUM GEN. SERVICE	LARGE GEN. SERVICE	LARGE PWR SERVICE	TOTAL LIGHTING
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
0010	) SCHEDULE 1 - SUMMARY OF OPERATING INC & RATE BASE							
0020					· · · ·			
0030	OPERATING REVENUE							
0040	RETAIL SALES REVENUE	767,355,793	285,159,916	48,836,426	103,290,211	180,113,158	140,231,588	9,724,494
0050	OTHER OPERATING REVENUE	413,609,396	125,865,014	19,891,799	53,454,109	107,147,479	103,134,974	4,116,021
0060	TOTAL OPERATING REVENUE	1,180,965,189	411,024,931	68,728,225	156,744,320	287,260,637	243,366,561	13,840,515
0070								
0080	OPERATING EXPENSES							
0090	FUEL	222,511,027	67,769,937	10,692,874	28,769,349	57,570,226	55,531,330	2,177,312
0100	PURCHASED POWER	304,735,754	92,266,295	14,608,136	39,377,911	79,157,649	76,274,910	3,050,853
0110	OTHER OPERATION & MAINTENANCE EXPENSES	303,491,601	141,237,779	19,077,730	35,781,352	56,632,736	48,363,063	2,398,941
0120	DEPRECIATION EXPENSES (AFTER CLEARINGS)	116,953,542	52,943,360	7,158,371	15,308,148	22,946,157	18,015,025	582,479
0130	AMORTIZATION EXPENSES	15,665,901	6,969,167	942,734	2,037,980	3,152,780	2,489,845	73,395
0140	TAXES OTHER THAN INCOME TAXES	58,619,563	26,447,812	3,577,183	7,502,988	11,593,464	9,198,001	300,115
0150	CURRENT INCOME TAXES	14,819,681	(10,405,807)	2,216,425	4,848,206	11,705,714	4,631,540	1,823,602
0160	DEFERRED INCOME TAXES	15,669,609	7,077,150	953,700	2,020,359	3,102,011	2,437,479	78,909
0170	TOTAL ELECTRIC OPERATING EXPENSES	1,052,466,678	384,305,693	59,227,154	135,646,294	245,860,738	216,941,194	10,485,606
0180	·							
0190	NET ELECTRIC OPERATING INCOME	128,498,510	26,719,237	9,501,071	21,098,025	41,399,899	26,425,368	3,354,909
0200								
0210	RATE BASE							
0220		5,043,175,544	2,269,874,580	305,742,823	649,674,057	1,002,605,465	791,217,186	24,061,433
0230	LESS: ACCUM. PROV. FOR DEPREC	2,040,172,942	920,737,457	125,256,356	258,774,203	401,678,459	318,099,223	15,627,243
0240	NET PLANT	3,003,002,603	1,349,137,123	180,486,467	390,899,853	600,927,005	473,117,963	8,434,191
0250		(50 500 400)	104 000 5500	10 050 700	7 075 040	(40.000.700)	(0.500.470)	1111010
0250		(58,530,428)	(24,832,553)	(3,558,780)	(7,675,819)	(12,338,780)	(9,580,178)	(444,317)
0270		57,386,822	24,758,852	3,339,479	7,426,992	11,960,617	9,754,453	146,429
0280		0,397,922	2,810,769	3/4,328	803,604	1,310,599	1,082,378	10,243
0290		80,107,604	24,200,924	3,035,/04	10,358,639	20,800,550	20,110,413	801,295
0300	REGULATURY ASSETS	111,292,579	40,907,970	7,742,140	13,530,773	23,119,575	19,107,572	744,935
0310	CUSTOMED ADVANCES FOR CONSTRUCTION	467 704	01 552	10 500	00 674	24 722	10 750	2 171
0320		2 567 /16	1 790 441	1 424 044	22,071	24,700	12,700	3,474
0330		500 672 920	260 005 763	26 255 201	77 261 201	110 217 502	04,021	2 861 092
0340	DEFERRED INCOME TAXES	20 126 122	11 833 473	1 975 216	5 059 000	10 170 874	0 907 709	2,001,092
0360	DEFERRED GAIN/LOSS) EMISSIONS ALLOWANCE	22 101	7 012	1,070,210	2,055,000	6 027	9,007,700	330,003
0370	TOTAL RATE BASE	2 557 089 761	1 139 450 460	152 451 257	332 707 644	516 303 358	400 730 026	6 437 116
0380		2,007,000,701	1,100,400,400	102,701,201	002,101,044	0,000,000	-00,100,020	0,407,110
0390	RATE OF RETURN	5 025%	2 345%	6 232%	6 341%	8 019%	6 449%	52 118%
0000		0.02078	2.0-70 /0	0.20270	0.0-176	0.01070	0	02.11076

Notes:

Production Plant and Expense, and Transmission Allocated using 4CP.