Exhibit No.:

Issue: Cost of Service | Rate Design

Witness: Maurice Brubaker Type of Exhibit: Direct Testimony

Sponsoring Parties: Missouri Industrial Energy Consumers and Midwest Energy Consumers' Ground

and Midwest Energy Consumers' Group

Case No.: ER-2014-0370 Date Testimony Prepared: April 16, 2015

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

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-2014-037)))
TATE OF MISSOURI)	

Affidavit of Maurice Brubaker

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

SS

- 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.

Maurice Brubaker

Subscribed and sworn to before me this 15th day of April, 2015.

TAMMY S, KLOSSNER
Notary Public - Notary Seal
STATE OF MISSOURI
St. Charles County
My Commission Expires: Mar. 18, 2019
Commission # 15024862

COUNTY OF ST. LOUIS

Notary Public

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

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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.
2	Α	Maurice Brubaker. My business address is 16690 Swingley Ridge Road, Suite 140,
3		Chesterfield, MO 63017.
4	Q	ARE YOU THE SAME MAURICE BRUBAKER WHO HAS PREVIOUSLY FILED
5		TESTIMONY IN THIS PROCEEDING?
6	Α	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	Α	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?
13	Α	This testimony is presented on behalf of the Missouri Industrial Energy Consumers
14		("MIEC") and Midwest Energy Consumers' Group ("MECG"). These companies
15		purchase substantial amounts of electricity from Kansas City Power & Light Company

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

Q WHAT IS THE PURPOSE OF YOUR TESTIMONY?

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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.

HOW IS YOUR TESTIMONY ORGANIZED?

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

Summary

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2 Q PLEASE SUMMARIZE YOUR TESTIMONY AND RECOMMENDATIONS.

- 3 A My testimony and recommendations may be summarized as follows:
- 1. Class cost of service is the starting point and most important guideline for establishing the level of rates charged to customers.
- 6 2. KCPL exhibits significant summer peak demands as compared to demands in other months.
 - 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.
 - 6. 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.
- 7. A modest realignment of class revenues to move them closer to costs should be implemented, as presented on Schedule MEB-COS-6.
 - 8. 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.

COST OF SERVICE PROCEDURES

2 Overview

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3		DIEASE	DESCRIBE 1	THE COST	ALLOCATION	PROCESS
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4 Α 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 6 this determination, cost of service studies are usually performed to determine the 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?

- 14 A No. Electricity is different from most other goods or services purchased by
 15 consumers. For example:
- It cannot be stored; must be delivered as produced;
- 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-related industries.
 - The service provided by electric utilities is multi-dimensional. First, unlike most vital services, electricity must be delivered at the place of consumption homes,

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.

Even at the same location, electricity may be used in a variety of applications. Homeowners, for example, use electricity for lighting, air conditioning, perhaps heating, and to operate various appliances. At any instant, several appliances may be operating (e.g., lights, refrigerator, TV, air conditioning, etc.). Which appliances 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 important characteristic because the maximum demands determine how much capacity the utility is obligated to provide.

Generating units, transmission lines and substations and distribution lines and substations are rated according to the maximum demand that can safely be imposed on them. (They are not rated according to average annual demand; that is, the amount of energy consumed during the year divided by 8,760 hours.) On a hot 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 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.

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.

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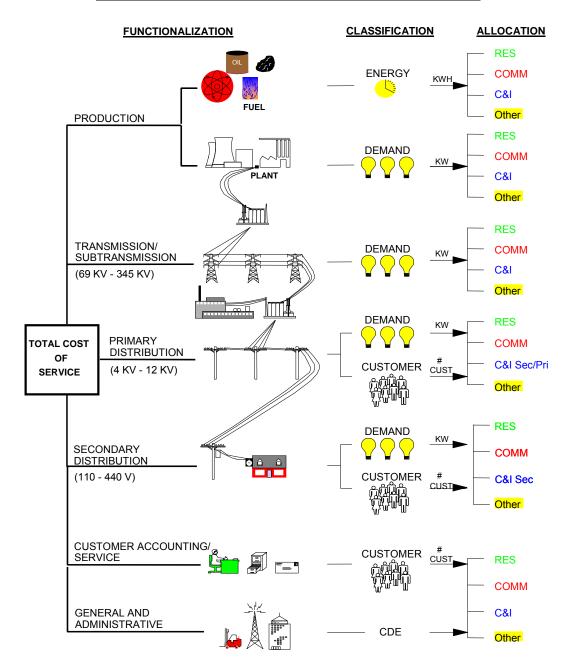
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The tomatoes we buy at the supermarket for about \$2.00 a pound might originally come from Florida where they are bought for about 30¢ a pound. In addition to the cost of buying them at the point of production, there is the cost of bringing them to the state of Missouri and distributing them in bulk to local wholesalers. The cost of transportation, insurance, handling and warehousing must 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, personnel and rent. Shoppers can then purchase as many or few tomatoes as they desire at their convenience. In addition, there are losses from spoilage and damage These "line losses" represent an additional cost which must be in handling. recovered in the final price. What we are really paying for at the store is not only the vegetable itself, but the service of having it available in convenient amounts and 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 in Florida, they would be even cheaper.

As illustrated in Figure 1, electric utilities are similar, except that in most cases (including Missouri), a single company handles everything from production on down through wholesale (bulk and area transmission) and retail (distribution to homes and stores). The crucial difference is that, unlike producers and distributors of tomatoes, 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 within its territorial franchise. In addition to satisfying the energy (or kWh) requirements of its customers, the obligation to serve means that the utility must also provide the necessary facilities to attach customers to the grid (so that service can be 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.

Figure 1
PRODUCTION AND DELIVERY OF ELECTRICITY



A CLOSER LOOK AT THE COST OF SERVICE STUDY

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

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

Functionalization

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12 Q PLEASE EXPLAIN FUNCTIONALIZATION.

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 extra high voltage transmission and subtransmission system (69,000 volts to 345,000 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 the "secondary" level to 110-440 volts used to serve homes, barbershops, light manufacturing and the like. Additional investment and expenses are required to serve customers at secondary voltages, compared to the cost of serving customers at higher voltage.

Each additional transformation, thus, requires additional investment, additional 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 when you buy a kWh at home you're not only buying the energy itself but also the 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 – pay less because some of the expenses to the utility are avoided. (Actually, the expenses are borne by the customer who must invest in his own transformers and other equipment, or pay separately for some services.)

Classification

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Q WHAT IS CLASSIFICATION?

Once the costs have been functionalized, the next step is to identify the primary causative factor (or factors). This step is referred to as **classification**. Costs are 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, **they do not vary with the amount of kWhs generated and sold**. 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.

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

Most other O&M expenses are fixed and therefore are classified as demand-related. Variable O&M expenses are classified as energy-related. Demand-related and energy-related types of operating costs are not impacted by the 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.

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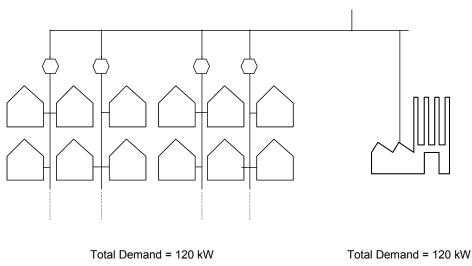
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Even though some additional customers can be attached without additional investment in some areas of the system, it is obvious that attaching a large number of customers requires investment in facilities, not only initially but on a continuing basis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

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

Figure 2
Classification of Distribution Investment



Class B

Class A

Demand vs. Energy Costs

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2 Q WHAT IS THE DISTINCTION BETWEEN DEMAND-RELATED COSTS AND

ENERGY-RELATED COSTS?

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.

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

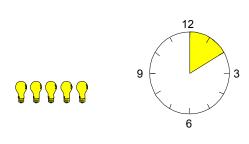
Although both customers had precisely the same kWh energy usage, Customer A's kW demand was 2.5 times Customer B's. Therefore, the utility must install 2.5 times as much generating capacity for Customer A as for Customer B. The cost of serving Customer A, therefore, is much higher.

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

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.

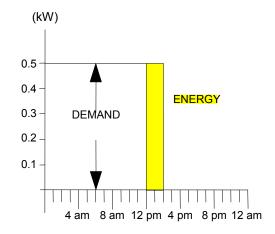
Figure 3 **DEMAND VS. ENERGY**

CUSTOMER A

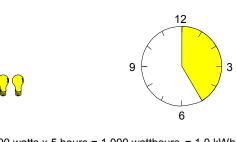


ENERGY: 500 watts x 2 hours = 1,000 watthours = 1.0 kWh

DEMAND: 500 watts = 0.5 kW

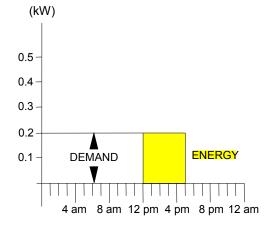


CUSTOMER B



ENERGY: 200 watts x 5 hours = 1,000 watthours = 1.0 kWh

DEMAND: 200 watts = 0.2 kW



Mathematically, load factor is the average rate of use divided by the peak rate 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.

Consider also the analogy of a rental car which costs \$40/day and 20¢/mile. If Customer A drives only 20 miles a day, the average cost will be \$2.20/mile. But for Customer B, who drives 200 miles a day, spreading the daily rental charge over the total mileage gives an average cost of 40¢/mile. For both customers, the fixed cost rate (daily charge) and variable cost rate (mileage charge) are identical, but the average total cost per mile will differ depending on how intensively the car is used. Likewise, the average cost per kWh will depend on how intensively the generating plant is used. A low load factor indicates that the capacity is idle much of the time; a high load factor indicates a more steady rate of usage. Since industrial customers 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 kilowatthour" as to energy content, but there may be a big difference in how much generating plant investment is required to convert the raw fuel into electric energy.

Allocation

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Q WHAT IS ALLOCATION?

The final step in the cost of service analysis is the **allocation** of the costs to the customer classes. Demand, energy and customer allocation factors are developed to apportion the costs among the customer classes. Each factor measures the 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 <u>Utility System Characteristics</u>

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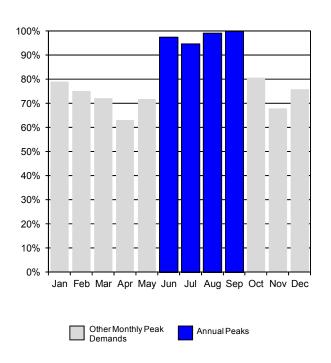
Q WHAT IS THE IMPORTANCE OF UTILITY SYSTEM LOAD CHARACTERISTICS?

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



This shows t	the monthly	system	peak (demands	for th	ne test	year	used	in the	study.
The highlight	ed bar show	s the mo	onth in	which the	e hiah	est pea	ak occ	urred.		

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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.

WHAT CRITERIA SHOULD BE USED TO DETERMINE AN APPROPRIATE METHOD FOR ALLOCATING PRODUCTION AND TRANSMISSION CAPACITY COSTS AMONG THE VARIOUS CUSTOMER CLASSES?

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.

WHAT FACTORS CAUSE ELECTRIC UTILITIES TO INCUR PRODUCTION AND TRANSMISSION CAPACITY COSTS?

As discussed previously, production and transmission plant must be sized to meet the maximum demand imposed on these facilities. Thus, an appropriate allocation method should accurately reflect the characteristics of the loads served by the utility. 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 relative to each customer class's contribution to the summer peak demands. If a utility has predominant peaks in both the summer and winter periods, then an 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?

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

10 Q WHAT SPECIFIC RECOMMENDATIONS DO YOU HAVE?

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?

The A&E method is one of a family of methods which incorporates a consideration of both the maximum rate of use (demand) and the duration of use (energy). As the name implies, A&E makes a conceptual split of the system into an "average" component and an "excess" component. The "average" demand is simply the total kWh usage divided by the total number of hours in the year. This is the amount of 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.

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

8 Q WHAT DO YOU MEAN BY VARIABILITY IN USAGE?

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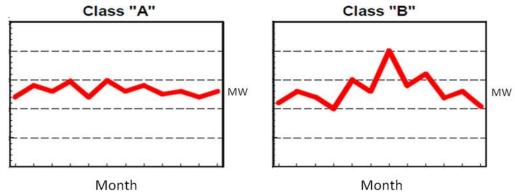
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9 A As an example, Figure 5 shows two classes that have different monthly usage 10 patterns.

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 demand² 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

²During 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.

¹NARUC Electric Utility Cost Allocation Manual, 1992, page 81.

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.

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

WHAT DEMAND ALLOCATION METHODOLOGY DO YOU RECOMMEND FOR GENERATION AND TRANSMISSION?

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) 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 characteristics. The results should be similar as long as only summer period peak loads are used. I will make my recommendations based on the A&E method. It considers the maximum class demands during the critical time periods, and is less susceptible to variations in the absolute hour in which peaks occur – producing a somewhat more stable result over time.

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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.

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

Line 2 shows the average of the four non-coincident peaks for each class. Line 3 shows the annual amount of energy required by each class. Line 4 is the average demand, in kilowatts, which is determined by dividing the annual energy in line 3 by the number of hours (8,760) in a year. Line 5 shows the percentage relationship 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 A As previously discussed, the cost of service procedure involves three steps:
- 5 1. Functionalization Identify the different functional "levels" of the system;
- 2. Classification Determine, for each functional type, the primary cause or causes (customer, demand or energy) of that cost being incurred; and
- Allocation Calculate the class proportional responsibilities for each type of cost
 and spread the cost among classes.

10 Q WHERE ARE YOUR COST OF SERVICE RESULTS PRESENTED?

- 11 A 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 A 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
- and operating income based on an A&E-4NCP cost of service study.
- 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?

- 21 A Yes. KCPL submitted a class cost of service study. This study bases the allocation
- of generation costs on a seriously flawed average and peak allocation method.
- 23 KCPL's method is not grounded in appropriate cost-causation principles, and should

2		rebuttal testimony.
3	Q	HAVE YOU USED ITS STUDY?
4	Α	I have used the study framework as a basis for preparing my cost of service study.
5		As explained below, I have developed a cost of service study using a different
6		allocation for generation fixed costs.
7	Q	HAVE YOU PREPARED ANY COST OF SERVICE STUDIES BESIDES THE
8		A&E-4NCP STUDY PRESENTED IN SCHEDULE MEB-COS-4?
9	Α	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.
12	Q	HOW DID YOU USE KCPL'S COST OF SERVICE MODEL IN PRODUCING YOUR
13		CLASS COST OF SERVICE STUDY?
14	Α	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.

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

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Adjustment of Class Revenues

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2	Q	WHAT SHOULD BE THE PRIMARY BASIS FOR ESTABLISHING CLASS
3		REVENUE REQUIREMENTS AND DESIGNING RATES?
4	Α	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.
14		Electric rates also play a role in economic development, both with respect to
15		job creation and job retention. This is particularly true in the case of industries where
16		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?
19	Α	The basic reasons for using cost as the primary factor are equity, conservation, and
20		engineering efficiency (cost-minimization).
21	Q	PLEASE EXPLAIN HOW EQUITY IS ACHIEVED BY BASING RATES ON COST.
22	Α	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.

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

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.

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

Yes. The success of DSM (both energy efficiency and demand response programs) 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 customer's decision-making process is the amount of reduction that can be achieved 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 below cost, that customer will have less reason to engage in DSM activities than 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

OBJECTIVE?

Α

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.

REVENUE ALLOCATION

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

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- 7 Q WHAT ADJUSTMENTS TO REVENUES WOULD BE REQUIRED AT PRESENT
- 8 RATES TO MOVE ALL CLASSES TO COST OF SERVICE?
- 9 This is shown on Schedule MEB-COS-5. The first five columns summarize the Α 10 results of the cost of service study at present rates, and are taken from 11 Schedule MEB-COS-4. The remaining columns of Schedule MEB-COS-5 determine 12 the amount of increase or decrease, on a revenue neutral basis, required to move 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 15 same rate of return, before considering any overall increase in revenues. Note that 16 the Residential class would require an increase of about \$46 million, or 11.2%, in 17 order to move to cost of service. All other classes would require a corresponding 18 decrease. The decreases range from about 8.3% for the Large General Service 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
- 5 service.

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6 Q DO YOU HAVE AN ALTERNATIVE RECOMMENDATION FOR ALLOCATION OF

KCPL'S REVENUE REQUIREMENT?

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

Q PLEASE EXPLAIN YOUR SPECIFIC PROPOSAL.

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.

While some will want to talk about the impact on the Residential class of this increase, it is also important not to lose sight of the fact that by not moving all the way to cost of service, the other customer classes are continuing to bear more of the burden of the revenue responsibility than they should. My recommendation of 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.

ANALYSIS OF LARGE CUSTOMER RATES

WHAT IS THE STRUCTURE OF THE TARIFFS APPLICABLE TO KCPL'S

LARGEST CUSTOMERS?

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The LGS and LPS tariffs consist of a series of charges differentiated by voltage level. There are separate charges for service at secondary voltage, service at primary voltage, service at substation voltage, and service at transmission voltage. The rates charged at the higher voltage levels are lower than the rates charged at the lower 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.

Q WHAT IS THE STRUCTURE OF THE DEMAND CHARGES?

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

Q WHAT IS THE STRUCTURE OF THE ENERGY CHARGES?

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Α

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.

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

Q PLEASE EXPLAIN HOW THE HOURS USE FUNCTION WORKS.

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.³ 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.

³8 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?

A Yes. Assume that a customer has a 1,000 kW billing demand, and uses 500,000 kWh in a month. This customer would be using 500 kWh per kW,⁴ or 500 kWh for each kW of demand. To apply the rate, the 1,000 kW of demand would be multiplied 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 second block, so 180,000 kWh would go in it as well and be priced at the second block rate. The remaining 140,000 kWh⁵ would be billed in the third, or high load factor block.

10 Q WHAT IS THE LEVEL OF THE ENERGY CHARGES FOR THE HIGH LOAD 11 FACTOR (OVER 360 HOURS USE) BLOCK UNDER CURRENT TARIFFS?

12 A The charges vary slightly by voltage level and by season, but range from approximately 2.4¢/kWh to 2.6¢/kWh in LPS and from 3.1¢/kWh to 4.3¢/kWh 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 costs than is appropriate.

18 Q PLEASE EXPLAIN.

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

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

⁵500,000 - 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.

Q WHAT DO YOU CONCLUDE FROM THIS REVIEW?

Α

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.

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

Recognizing that most of the fixed costs should be collected from use during the on-peak period and that consumption in the high load factor block occurs mostly during evening and weekend periods when KCPL's energy costs would be lower than they are during the on-peak periods, it is reasonable that the high load factor energy 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.

Q HOW DO YOU PROPOSE TO ADJUST THE LGS AND LPS RATES IN THIS

2 CASE?

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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 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 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 demand charge, the facilities charges, the demand charges and the initial block energy charges.

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

12 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.

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

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?
3	Α	First, the amount of additional revenue to be collected from the LPS and LGS tariffs
4		would be determined. The increase for the middle block energy charges would be
5		equal to the overall percentage increase times 75%. The high load factor energy
6		blocks would not change. The balance of the increased revenue from each tariff
7		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-
9		BOARD INCREASE, HAS KCPL PROPOSED ANY NEW RATES OR RATE
10		DESIGN?
11	Α	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	Α	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?
22	Α	Yes. In many cases, these customers have unique load characteristics which allow
23		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.

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ENERGY LOSSES

EARLIER IN YOUR TESTIMONY (PAGE 9) YOU MENTIONED ENERGY LOSSES

AND HOW THEY DIFFER ACROSS CUSTOMER CLASSES. HAVE YOU

PREPARED A SUMMARY OF ENERGY LOSSES BY RATE AND BY VOLTAGE

LEVEL?

Yes. They are summarized on Schedule MEB-COS-9. Column 1 shows energy 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 system in order to deliver the energy to the meter shown in column 1. Column 3 shows the loss factor, which is determined by dividing the energy at the generator by 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 are the secondary voltage level, the primary voltage level, the substation voltage level and the transmission voltage level. Losses range from a high of 6.1288% at the secondary voltage level down to 1.5651% at the transmission voltage level.

2		PREPARING THE CLASS COST OF SERVICE STUDY?
3	Α	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	Α	Only two. The secondary voltage level, and the primary voltage level.
7	Q	WHERE ARE SUBSTATION AND TRANSMISSION LEVEL CUSTOMERS
8		ACCOUNTED FOR?
9	Α	They are accounted for in the primary voltage category in KCPL's proposed FAC.
10	Q	IS THIS APPROPRIATE?
11	Α	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?
17	Α	Should the Commission determine to allow KCPL to have an FAC, either in this case
18		or in a future case, KCPL should be required to track and charge customers
19		according to the four separate voltage levels at which delivery takes place, and not
20		the two levels it has proposed in this case.

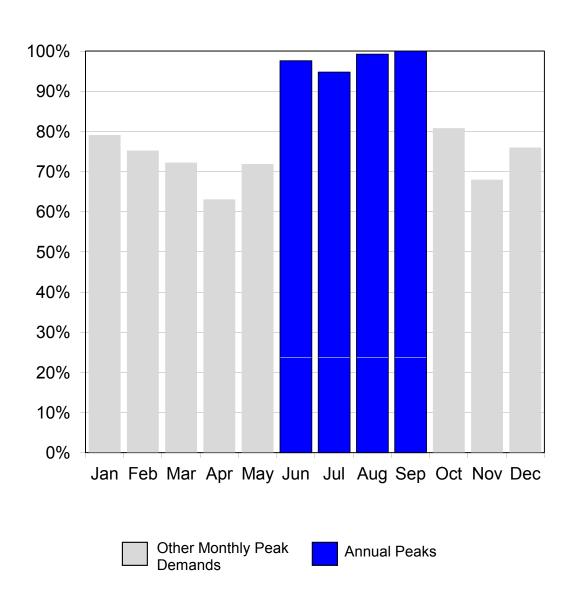
1 Q WERE THESE DIFFERENCES IN LOSSES TAKEN INTO ACCOUNT IN

- 1 Q DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?
- 2 A Yes, it does.

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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

<u>Line</u>	<u>Description</u>	Total Company <u>MW</u> (1)	Percent (2)
1	January	1,475	79.1
2	February	1,403	75.2
3	March	1,347	72.2
4	April	1,177	63.1
5	May	1,341	71.9
6	June	1,821	97.6
7	July	1,768	94.8
8	August	1,852	99.3
9	September	1,865	100.0
10	October	1,507	80.8
11	November	1,268	68.0
12	December	1,417	76.0

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

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)
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.xls

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								
0800	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								
	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)		(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								
	RATE OF RETURN	5.025%	2.518%		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.

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	Current Revenues (1)	 Current Rate Base (2)	Net perating Income (3)	Earned ROR (4)	Indexed ROR (5)	rcome @ rrent ROR (6)	fference Income (7)	evenue ocrease (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	 26,373	 1,432	5.430%	108	 1,325	 (107)	 (175)	-1.3%
7	Total	\$ 1,180,965	\$ 2,557,090	\$ 128,499	5.025%	100	\$ 128,499	\$ 0	\$ 0	0.0%

Source: Schedule MEB-COS-4

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

Line	Rate Class	urrent venues (1)	Towa	ve 25% ard Cost ervice ⁽¹⁾ (2)	(djusted Current evenue (3)	Revenue-neutral Percent increase in Current Revenue (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%.

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.

SUBSTATION VOLTAGE TRANSM VOLTAGE TRANSM VOLTAGE C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw Next 2540 kw Next 2500	INPUT FOR	R MODEL		
A: CUSTOMER CHARGE B: FACILITIES CHARGE SECONDARY: PRIMARY: SUBSTATION VOLTAGE SECONDARY: PRIMARY: SUBSTATION VOLTAGE TRANSM VOLTAGE C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw Next 2450 kw Next 2450 kw Next 2450 kw All kw over 7329 kw SECONDARY-SUMMER First 2500 kw Next 2500 kw Ne	Cust Cha	Current Dates		
B: FACILITIES CHARGE SECONDARY: PRIMARY: 2.669 3.083 3.212 SUBSTATION VOLTAGE TRANSM VOLTAGE C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw 12.493 Next 2443 kw 14.431 Next 2443 kw 15.037 Next 2443 kw 16.111 Next 2443 kw 17.059 Next 2443 kw 18.371 Next 2443 kw 19.993 Next 2443 kw 10.111 Next 2443 kw 10.	Cust Cng	Current Rates	Proposed Rates	Kates "
B: FACILITIES CHARGE SECONDARY: PRIMARY: 2.669 3.083 3.212 SUBSTATION VOLTAGE TRANSM VOLTAGE C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw 12.493 Next 2443 kw 14.431 Next 2443 kw 15.037 Next 2443 kw 16.111 Next 2443 kw 17.059 Next 2443 kw 18.371 Next 2443 kw 19.993 Next 2443 kw 10.111 Next 2443 kw 10.				
B: FACILITIES CHARGE SECONDARY: PRIMARY: SUBSTATION VOLTAGE TRANSM VOLTAGE C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw Next 2443 kw Next 2443 kw Next 2443 kw All kw over 7329 kw All kw over 7329 kw All kw over 7329 kw All kw over 7500 kw PRIMARY-SUMMER First 2500 kw Next	A: CUSTOMER CHARGE	061 50	1 110 62	1 157 20
SECONDARY: PRIMARY: SUBSTATION VOLTAGE TRANSM VOLTAGE TRANSM VOLTAGE SECONDARY-SUMMER: First 2443 kw Next 243 kw Next 2443 kw Next 2500 kw Next 250		901.50	1,110.63	1,157.29
SECONDARY: PRIMARY: SUBSTATION VOLTAGE TRANSM VOLTAGE TRANSM VOLTAGE SECONDARY-SUMMER: First 2443 kw Next 243 kw Next 2443 kw Next 2500 kw Next 250		-	-	-
SECONDARY: PRIMARY: SUBSTATION VOLTAGE TRANSM VOLTAGE TRANSM VOLTAGE SECONDARY-SUMMER: First 2443 kw Next 243 kw Next 2443 kw Next 2500 kw Next 250				
PRIMARY: SUBSTATION VOLTAGE TRANSM VOLTAGE C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw Next 2548 km Next 2500 kw Nex		3 220	3 710	3 976
SUBSTATION VOLTAGE TRANSM VOLTAGE TRANSM VOLTAGE C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw Next 2540 kw Next 2500				3.212
C: DEMAND CHARGE SECONDARY-SUMMER: First 2443 kw Next 2500 kw Next 25	SUBSTATION VOLTAGE	0.806	0.931	0.970
SECONDARY-SUMMER: First 2443 kw	TRANSM VOLTAGE	-	-	-
SECONDARY-SUMMER: First 2443 kw	C: DEMAND CHARGE			
Next 2443 kw 9,993				
Next 2443 kw	First 2443 kw		_	15.037
All kw over 7329 kw SECONDARY-WINTER First 2443 kw Next 2443 kw All kw over 7329 kw SECONDARY-WINTER First 2500 kw Next 2500 kw All kw over 7500 kw PRIMARY-WINTER First 2500 kw All kw over 7500 kw PRIMARY-WINTER First 2500 kw All kw over 7500 kw All kw over 7500 kw BRIMARY-WINTER First 2500 kw All kw over 7500 kw BRIMARY-WINTER First 2500 kw All kw over 7500 kw BRIMARY-WINTER First 2500 kw All kw over 7500 kw BRIMARY-WINTER First 2500 kw BRIMARY-W				12.028
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 6.753 7.036 All kw over 7329 kw 4.500 5.198 5.416 PRIMARY-SUMMER				
First 2443 kw Next 2443 kw Next 2443 kw S.846 A.500 All kw over 7329 kw First 2500 kw Next 2500 kw All kw over 7500 kw All kw		0.111	7.039	7.555
Next 2443 kw				
All kw over 7329 kw				
PRIMARY-SUMMER				
First 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw All kw over 7500 kw All kw over 7500 kw PRIMARY-WINTER First 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 2500 kw Next 250 kw N	/ III KW GVCI 1023 KW	4.000	0.100	0.410
Next 2500 kw				
Next 2500 kw				
All kw over 7500 kw PRIMARY-WINTER First 2500 kw Next 2530 kw Next 2553 kw Next 2550 km Next 2550 km Next 2550 km Next 2550 km Next 255				
First 2500 kw				
Next 2500 kw	PRIMARY-WINTER			
Next 2500 kw				
All kw over 7500 kw SUBSTATION-SUMMER First 2530 kw 12.060 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 SUBSTATION-WINTER First 2530 kw 8.199 Next 2530 kw 8.199 Next 2530 kw 8.199 Next 2530 kw 8.399 7.392 Next 2530 kw 6.399 7.392 Next 2530 kw 15.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 TRANSMISSION-SUMMER First 2553 kw 11.956 Next 2553 kw 11.956 13.810 14.391 Next 2553 kw 11.956 13.810 14.391 Next 2553 kw 9.562 11.045 11.509 Next 2553 kw 11.956 13.810 14.391 Next 2553 kw 9.562 11.045 Next 2553 kw 8.008 9.250 9.639 All kw over 7659 kw 5.848 6.755 7.039 TRANSMISSION-WINTER First 2553 kw 8.125 9.385 9.779 Next 2553 kw 8.125 9.385 9.779				
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 First 2530 kw 8.199 9.471 9.869 Next 2530 kw 6.399 7.392 7.702 Next 2530 kw 5.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 TRANSMISSION-SUMMER First 2553 kw 9.562 11.045 11.509 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 First 2553 kw 8.125 9.385 9.779 Next 2553 kw 8.125 9.385 9.779 Next 2553 kw 8.125 9.385 9.779 Next 2553 kw 8.034 7.326 7.633 Next 2553 kw 6.342 7.326 7.633				
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 First 2530 kw 8.199 9.471 9.869 Next 2530 kw 6.399 7.392 7.702 Next 2530 kw 5.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 TRANSMISSION-SUMMER First 2553 kw 9.562 11.045 11.509 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 First 2553 kw 8.125 9.385 9.779 Next 2553 kw 8.125 9.385 9.779 Next 2553 kw 8.125 9.385 9.779 Next 2553 kw 8.034 7.326 7.633 Next 2553 kw 6.342 7.326 7.633				
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 8.199 9.471 9.869 Next 2530 kw 6.399 7.392 7.702 Next 2530 kw 5.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 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 First 2553 kw 8.125 9.385 9.779 Next 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		12.060	12.021	14 516
Next 2530 kw 8.082 9.336 9.728				
SUBSTATION-WINTER First 2530 kw 8.199 9.471 9.869 Next 2530 kw 6.399 7.392 7.702 Next 2530 kw 5.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 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 8.125 9.385 9.779 Next 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				9.728
First 2530 kw 8.199 9.471 9.869 Next 2530 kw 6.399 7.392 7.702 Next 2530 kw 5.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 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 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		5.901	6.816	7.103
Next 2530 kw 6.399 7.392 7.702 Next 2530 kw 5.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 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 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		9 100	0.471	0.860
Next 2530 kw 5.646 6.522 6.796 All kw over 7590 kw 4.346 5.020 5.231 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 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				
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 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				
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 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 over 7590 kw	4.346	5.020	5.231
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 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	TRANSMISSION-SUMMER			
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 8.125 9.385 9.779 Next 2553 kw 6.342 7.326 7.633 Next 2553 kw 5.595 6.463 6.734		11.956	13.810	14.391
All kw over 7659 kw 5.848 6.755 7.039 TRANSMISSION-WINTER 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	Next 2553 kw	9.562	11.045	11.509
TRANSMISSION-WINTER 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				9.639
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		5.848	0.755	7.039
Next 2553 kw 5.595 6.463 6.734		8.125	9.385	9.779
				7.633
				6.734
All kw over 7659 kw 4.307 4.975 5.184	All kw over 7009 kw	4.307	4.975	5.184

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.

Cust Chg Current Rates Company Proposed Rates Rate Design Rates *
D: ENERGY CHARGE SECONDARY-SUMMER: 0-180 hrs use per month 181-360 hrs use per month 20.02566 0.02964 0.02566 0.02964 0.02566 0.02964 0.07659 0.07981 181-360 hrs use per month 0.04468 0.05161 0.04988 0.05161 0.02935 0.02541 PRIMARY-SUMMER: 0-180 hrs use per month 0.06631 0.07659 0.07981 0.04468 0.05161 0.04988 0.05161 0.04988 0.05161 0.04988 0.05161 0.04988 0.05161 0.04988 0.05161 0.04988 0.05161 0.04988 0.05161 0.02541 0.02541
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 361+ hrs use per month 0.02566 0.02964 0.02566 SECONDARY-WINTER: 0.06631 0.07659 0.07981 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: 0.180 hrs use per month 0.07643 0.08828 0.09199 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
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 361+ hrs use per month 0.02566 0.02964 0.02566 SECONDARY-WINTER: 0-180 hrs use per month 0.06631 0.07659 0.07981 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: 0-180 hrs use per month 0.07643 0.08828 0.09199 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
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 361+ hrs use per month 0.02566 0.02964 0.02566 SECONDARY-WINTER: 0.06631 0.07659 0.07981 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: 0.180 hrs use per month 0.07643 0.08828 0.09199 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
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181-360 hrs use per month 0.04911 0.05673 0.05482 361+ hrs use per month 0.02566 0.02964 0.02566 SECONDARY-WINTER: 0.06631 0.07659 0.07981 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: 0-180 hrs use per month 0.07643 0.08828 0.09199 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
361+ hrs use per month 0.02566 0.02964 0.02566 SECONDARY-WINTER: 0.06631 0.07659 0.07981 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: 0-180 hrs use per month 0.07643 0.0828 0.09199 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER:
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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: 0-180 hrs use per month 0.07643 0.0828 0.09198 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
361+ hrs use per month 0.02541 0.02935 0.02541 PRIMARY-SUMMER: 0.07643 0.08828 0.09198 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
PRIMARY-SUMMER: 0-180 hrs use per month 181-360 hrs use per month 20.07643 361+ hrs use per month 0.04800 0.05544 0.05358 0.02507 0.02896 0.02507
0-180 hrs use per month 0.07643 0.08828 0.09198 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
0-180 hrs use per month 0.07643 0.08828 0.09198 181-360 hrs use per month 0.04800 0.05544 0.05358 361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER: 0.02507 0.02896 0.02507
181-360 hrs use per month 0.04800 0.05544 0.02507 0.02896 0.02507 0.02896 0.02507
361+ hrs use per month 0.02507 0.02896 0.02507 PRIMARY-WINTER:
PRIMARY-WINTER:
0-180 hrs use per month 0.06480 0.07485 0.07799
181-360 hrs use per month 0.04365 0.05042 0.04873
361+ hrs use per month 0.02484 0.02869 0.02484
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
361+ hrs use per month 0.02477 0.02861 0.02477
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
361+ hrs use per month 0.02454 0.02835 0.02454
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
361+ hrs use per month 0.02456 0.02837 0.02456
TRANSMISSION-WINTER
0-180 hrs use per month 0.06346 0.07330 0.07638
181-360 hrs use per month 0.04275 0.04938 0.04772
361+ hrs use per month 0.02431 0.02808 0.02431
E DELOTIVE DELIAND AD HIGHERT
E: REACTIVE DEMAND ADJUSTMENT 0.808 0.935 0.973
100 Cocondany 45 540/ 45 000
LGS Secondary 100.00% 15.51% 15.83%
LGS Primary 100.00% 15.51% 15.749 LGS Substation Voltage 100.00% 15.51% 14.719
LGS Substation Voltage 100.00% 15.51% 14.71% 15.50% 15.50%
LGS Overall Change (*) 15.51% 15.51% 15.51%
Winter Price Below Summer (SUM-WIN)/SUM 12.8% 12.8% 13.29
Overall Change 15.51% 15.51%
Revenue \$142,458,316 \$164,551,370 \$164,550,723

Change in Revenue Proposed change per Revenue Summary \$104,551,570 \$104,550,725 \$22,092,407 \$22,093,056

MO LARGE POWER SECONDARY VOLTAGE - LPGSS

* 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

SUMMER								
			PRESENT		COMPANY PRO		RATES W/RAT	
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A. CHOTOMED CHARGE							
	A: CUSTOMER CHARGE	112.3	\$961.50	\$108,003	1,110.63	\$124,755	\$1,157.29	\$129,996
		- 112.0	\$0.00	\$00,003	1,110.00	\$0	\$0.00	\$129,990
		_	\$0.00	\$0	_	\$0	\$0.00	\$0
		112		\$108,003	_	\$124,755		\$129,996
	B: FACILITIES CHARGE	270,925.0	\$3.220	\$872,378	\$3.719	\$1,007,570	\$3.876	\$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	2,093.4 299,294	\$6.111	\$12,793 \$3,489,567	\$7.059	\$14,777 \$4,030,869	\$7.355	\$15,397 \$4,200,173
	D: ENERGY CHARGE	299,294	_	\$3,469,36 <i>1</i>	-	\$4,030,009	_	\$4,200,173
	0-180 hrs use per month	53,750,800.9	\$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	\$0.04911	\$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	_	\$8,506,731	_	\$9,826,192	_	\$9,666,318
	E: REACTIVE DEMAND ADJUSTMENT	2,478.4	\$0.8080	\$2,003	\$0.9347	\$2,317	\$0.9730	\$2,411
	MANUAL BILLS	-		\$0		\$0		\$0
	REVENUE			\$12,978,681		\$14,991,702		\$15,049,004
	c/kwh	2024		\$0.0751		\$0.0867		\$0.0871
	OVERALL CHANGE (%) used to reference avg customer	2664 1,538,973				15.51%		15.95%
	used to reference dvg editionier	1,000,010						
WINTER			PRECENT	DATEC	COMPANY PRO	DOCED DATES	DATEC W/DAT	E DECION +
		BILLING UNITS	PRESENT Rate	Revenue	Rate	Revenue	RATES W/RAT Rate	Revenue
		DILLING CHITC	ruic	Nevenue	rute	revenue	Rute	revenue
	A: CUSTOMER CHARGE							
	A: CUSTOMER CHARGE	269.7	\$961.50	\$259,290	1,110.63	\$299,506	\$1,157.29	\$312,089
	A: CUSTOMER CHARGE	269.7	\$0.00	\$0	1,110.63 -	\$0	\$0.00	\$0
	A: CUSTOMER CHARGE	-		\$0 \$0	1,110.63 - -	\$0 \$0		\$0 \$0
	A: CUSTOMER CHARGE		\$0.00	\$0	1,110.63 - - -	\$0	\$0.00	\$0
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	-	\$0.00	\$0 \$0	1,110.63 - - - - \$3.719	\$0 \$0	\$0.00	\$0 \$0
	B: FACILITIES CHARGE	- - 270	\$0.00 \$0.00	\$0 \$0 \$259,290	- - -	\$0 \$0 \$299,506	\$0.00 \$0.00	\$0 \$0 \$312,089
		- - 270	\$0.00 \$0.00	\$0 \$0 \$259,290	- - -	\$0 \$0 \$299,506	\$0.00 \$0.00	\$0 \$0 \$312,089
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw	270 654,443.0 403,533.0 91,833.5	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626	\$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489	\$3.719 \$9.809 \$7.654	\$0 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975	\$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw	270 654,443.0 403,533.0 91,833.5 20,259.3	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846	\$0 \$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436	\$3.719 \$9.809 \$7.654 \$6.753	\$0 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036	\$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw	270 654,443.0 403,533.0 91,833.5 20,259.3 93.6	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626	\$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436 \$421	\$3.719 \$9.809 \$7.654	\$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975	\$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw	270 654,443.0 403,533.0 91,833.5 20,259.3	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846	\$0 \$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436	\$3.719 \$9.809 \$7.654 \$6.753	\$0 \$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036	\$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw D: ENERGY CHARGE	270 654,443.0 403,533.0 91,833.5 20,259.3 93.6 515,720	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846	\$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436 \$421 \$4,154,149	\$3.719 \$9.809 \$7.654 \$6.753	\$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036	\$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2443 kw Next 2443 kw Next 2443 kw Over 7329 kw	270 654,443.0 403,533.0 91,833.5 20,259.3 93.6	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500	\$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436 \$421	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198	\$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416	\$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507
	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	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981	\$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,296,623 \$4,504,892 \$2,622,917
	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	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468	\$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436 \$421 \$4,154,149 \$6,064,048 \$4,035,256	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659	\$0 \$299,506 \$2,433,874 \$3,958,255 \$702,894 \$136,811 \$487 \$4,798,447 \$7,004,154 \$4,661,136	\$0.00 \$0.00	\$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,298,623 \$4,504,892
	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	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659	\$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	\$0.00 \$0.00	\$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,296,623 \$4,504,892 \$2,622,917
	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	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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
	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 E: REACTIVE DEMAND ADJUSTMENT	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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
	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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
	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE C/kwh OVERALL CHANGE (%)	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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
	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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
	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE C/kwh OVERALL CHANGE (%)	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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
ANNUAL	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE C/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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
c/kwh	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$0 \$259,290 \$2,107,307 \$3,426,802 \$608,489 \$118,436 \$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 \$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%	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$0 \$12,089 \$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%
c/kwh	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE C/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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%	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$0 \$0 \$312,089 \$2,536,621 \$4,124,511 \$732,372 \$142,545 \$507 \$4,999,935 \$7,296,623 \$4,504,892 \$2,622,917 \$14,426,432 \$5,079 \$233,339 \$22,513,495 \$0.0781 \$15,76%
c/kwh OVERAL	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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 \$233,339 \$22,464,954 \$0.0780 \$37,456,656 \$0.0813 \$15,51%	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$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%
c/kwh OVERAL	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 E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$3.220 \$8.492 \$6.626 \$5.846 \$4.500 \$0.06631 \$0.04468 \$0.02541	\$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	\$3.719 \$9.809 \$7.654 \$6.753 \$5.198 \$0.07659 \$0.05161 \$0.02935	\$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%	\$0.00 \$0.00 \$3.876 \$10.221 \$7.975 \$7.036 \$5.416 \$0.07981 \$0.04988 \$0.02541	\$0 \$12,089 \$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%

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.

SUMMER

SUMMER								
			PRESENT		COMPANY PRO		RATES W/RAT	
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	A: CUSTOMER CHARGE	104.7	\$961.50	\$100.705	1,110.63	\$116.325	1,157.29	\$121,212
		104.7	\$0.00	\$100,703	1,110.03	\$110,325	1,137.29	\$121,212
		_	\$0.00	\$0	_	\$0	_	\$0
		105		\$100,705	_	\$116,325	_	\$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 Next 2500 kw	266,726.0	\$12.206	\$3,255,658	\$14.099	\$3,760,570	\$14.691	\$3,918,472
	Next 2500 kw Next 2500 kw	134,291.2 66,761.8	\$9.765 \$8.179	\$1,311,353 \$546,045	\$11.280 \$9.448	\$1,514,804 \$630,765	\$11.753 \$9.844	\$1,578,324 \$657,203
	Over 7500 kw	92,512.7	\$5.972	\$552,486	\$6.898	\$638,153	\$7.188	\$664,981
	373.7333	560,292	Q0.072	\$5,665,541	Ψ0.000	\$6,544,292	ψ1.100 <u> </u>	\$6,818,980
	D: ENERGY CHARGE		_	+ -11	_	70,0	_	77,010,000
	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. DEACTIVE DEMAND AD ILICTMENT	25.240	eo ooo	COO 507	60.005	£22.040	£0.070	CO4 OCE
	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			\$0.0727		\$0.0840		\$0.0844
	OVERALL CHANGE (%)	5349		*****		15.51%		16.01%
	used to reference avg customer	2,982,112						
WINTER			PRESENT	DATEC	COMPANY PRO	DOCED DATES	RATES W/RAT	E DECION *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
		DILLING CIVITS	Nate	Revenue	Nate	Reveilue	Nate	Revenue
				-				
	A: CUSTOMER CHARGE							
	A: CUSTOMER CHARGE	256.3	\$961.50	\$246,396	1,110.63	\$284,613	\$1,157.29	\$296,570
	A: CUSTOMER CHARGE	256.3	\$0.00	\$0	1,110.63	\$0	\$0.00	\$0
	A: CUSTOMER CHARGE	-		\$0 \$0	1,110.63	\$0 \$0		\$0 \$0
	A: CUSTOMER CHARGE		\$0.00	\$0	1,110.63 - - -	\$0	\$0.00	\$0
		256	\$0.00 \$0.00	\$0 \$0 \$246,396	· -	\$0 \$0 \$284,613	\$0.00 \$0.00	\$0 \$0 \$296,570
	A: CUSTOMER CHARGE B: FACILITIES CHARGE	-	\$0.00	\$0 \$0	1,110.63 - - - - - - - - - - - - - - - - -	\$0 \$0	\$0.00	\$0 \$0
	B: FACILITIES CHARGE	256	\$0.00 \$0.00	\$0 \$0 \$246,396	· -	\$0 \$0 \$284,613	\$0.00 \$0.00	\$0 \$0 \$296,570
		256 1,262,470.0	\$0.00 \$0.00	\$0 \$0 \$246,396	· -	\$0 \$0 \$284,613	\$0.00 \$0.00	\$0 \$0 \$296,570
	B: FACILITIES CHARGE C: DEMAND CHARGE	256	\$0.00 \$0.00 — \$2.669	\$0 \$0 \$246,396 \$3,369,532	\$3.083	\$0 \$0 \$284,613 \$3,892,195	\$0.00 \$0.00 \$3.212	\$0 \$0 \$296,570 \$4,055,054
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw	256 1,262,470.0 504,984.0 207,041.8 108,097.2	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451	\$3.083 \$9.583 \$7.480 \$6.598	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875	\$0 \$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169	\$3.083 \$9.583 \$7.480	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw	256 1,262,470.0 504,984.0 207,041.8 108,097.2	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451	\$3.083 \$9.583 \$7.480 \$6.598	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875	\$0 \$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$6,155,105
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$4,703,844
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$437,931 \$5,432,902	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$4,703,844
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$4,37,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$4,703,844 \$26,033,986 \$70,863 \$922,873
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh OVERALL CHANGE (%)	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953 72,830 10,769,579	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986 \$70,863 \$922,873
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953 72,830 10,769,579	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3.892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986 \$70,863 \$922,873
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh OVERALL CHANGE (%)	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953 72,830 10,769,579	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3.892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986 \$70,863 \$922,873
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh OVERALL CHANGE (%)	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953 72,830 10,769,579	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952 \$34,110,113 \$0.0636	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$4,437,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873 \$39,400,166 \$0.0735 15,51%	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$4,155,105 \$4,703,844 \$26,033,986 \$70,863 \$922,873 \$39,420,436 \$0,0735 15,57%
ANNUAL	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh OVERALL CHANGE (%)	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953 72,830 10,769,579	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952 \$34,110,113 \$0.0636	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873 \$39,400,166 \$0,0735 15,51%	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986 \$70,863 \$922,873 \$39,420,436 \$0,0735 \$15,57%
c/kwh	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953 72,830 10,769,579	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952 \$34,110,113 \$0.0636	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3.892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$3,437,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873 \$39,400,166 \$0.0735 \$15,51%	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986 \$70,863 \$922,873 \$39,420,436 \$0,0735 \$15,57%
c/kwh OVERAL	B: FACILITIES CHARGE C: DEMAND CHARGE First 2500 kw Next 2500 kw Next 2500 kw Over 7500 kw D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh OVERALL CHANGE (%)	256 1,262,470.0 504,984.0 207,041.8 108,097.2 121,202.3 941,325 168,932,388.7 167,352,863.0 189,365,701.6 525,650,953 72,830 10,769,579	\$0.00 \$0.00 \$2.669 \$8.296 \$6.476 \$5.712 \$4.399 \$0.06480 \$0.04365 \$0.02484	\$0 \$0 \$246,396 \$3,369,532 \$4,189,347 \$1,340,803 \$617,451 \$533,169 \$6,680,770 \$10,946,819 \$7,304,952 \$4,703,844 \$22,955,615 \$58,847 \$798,952 \$34,110,113 \$0.0636	\$3.083 \$9.583 \$7.480 \$6.598 \$5.081 \$0.07485 \$0.05042 \$0.02869	\$0 \$0 \$284,613 \$3,892,195 \$4,839,262 \$1,548,673 \$713,226 \$615,829 \$7,716,989 \$12,644,589 \$8,437,931 \$5,432,902 \$26,515,423 \$68,074 \$922,873 \$39,400,166 \$0,0735 15,51%	\$0.00 \$0.00 \$3.212 \$9.985 \$7.795 \$6.875 \$5.295 \$0.07799 \$0.04873 \$0.02484	\$0 \$296,570 \$4,055,054 \$5,042,265 \$1,613,891 \$743,168 \$641,766 \$8,041,091 \$13,175,037 \$8,155,105 \$4,703,844 \$26,033,986 \$70,863 \$922,873 \$39,420,436 \$0,0735 \$15,57%

MO LARGE POWER SUBSTATION VOLTAGE - LPGSSS

* 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

			PRESEN*	T RATES	COMPANY PRO	POSED RATES	RATES W/RA	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
						•		
	A: CUSTOMER 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	- <u>-</u>	\$0	\$0.00	\$0
		10	_	\$10,039	_	\$11,596	_	\$12,083
	D. FACULTIES OLIABOE	400 000 4	00.000	0455 744	00.004	0.470.000	00.070	0407.404
	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	\$13.931 \$11.144	\$323,829	\$14.516 \$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
	Over 7330 kw	215,208	Ψ3.901	\$1,611,670	Ψ0.010	\$1,861,620	Ψ1.103	\$1,939,928
	D: ENERGY CHARGE	210,200	-	Ψ1,011,070	-	ψ1,001,020	-	ψ1,333,320
	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
	181-360 hrs use per month	38,737,438.5	\$0.04744	\$1,837,704	\$0.05480	\$2,122,812	\$0.05296	\$2,051,535
	361+ hrs use per month	49,922,763.1	\$0.02477	\$1,236,587	\$0.02861	\$1,428,290	\$0.02477	\$1,236,587
	3011 Illa dae per monti	127,397,640	Ψ0.02477	\$6,000,517	Ψ0.02001	\$6,931,331	Ψ0.02+11 <u></u>	\$6,810,129
		127,397,040	-	\$0,000,517	-	φ0, 3 31,331	-	\$0,010,129
	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			\$0.0611		\$0.0706		\$0.0703
	OVERALL CHANGE (%)	20612				15.51%		15.07%
	used to reference avg customer	12,201,855						
WINTER			-					
			PRESEN		COMPANY PRO		RATES W/RA	
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A QUOTOMED QUARGE							
	A: CUSTOMER CHARGE	05.0	2004 50	004.575	4 440 00	200.007	04 457 00	000 570
		25.6	\$961.50	\$24,575	1,110.63	\$28,387	\$1,157.29	\$29,579
		-	\$0.00	\$0 \$0	-	\$0 \$0	\$0.00	\$0 \$0
		26	\$0.00	\$24,575		\$28,387	\$0.00	\$29,579
			-	φ24,373	-	φ20,301	-	φ29,079
	B: FACILITIES CHARGE	479,585.6	\$0.806	\$386,546	\$0.931	\$446,494	\$0.970	\$465,198
	O DEMAND OUADOE							
	C: DEMAND CHARGE	00.400.5	CO 400	£400.000	CO 474	¢570.004	00.000	@F07.070
	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 Over 7590 kw	40,316.8 231,990.3	\$5.646	\$227,629	\$6.522	\$262,946	\$6.796	\$273,993
	Over 7590 kW	387,079	\$4.346	\$1,008,230 \$2,079,183	\$5.020	\$1,164,591 \$2,401,710	\$5.231	\$1,213,541
	D: ENERGY CHARGE	301,019	-	\$2,079,103	_	\$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	\$2,760,032	\$0.02835	\$2,504,614	\$0.02454	\$2,168,015
	30 1+ fils use per monun	216,855,036	φυ.υ2454 <u></u>	\$9,061,218	φυ.υ2035 <u></u>	\$10,466,620	\$0.02454	\$10,223,866
		210,000,000	-	φ9,001,210	-	\$10,400,020	-	\$10,223,000
	E: REACTIVE DEMAND ADJUSTMENT	18,003	\$0.808	\$14,546	\$0.935	\$16,827	\$0.973	\$17,517
	REVENUE			\$11,566,068		\$13,360,037		\$13,238,770
	c/kwh			\$0.0533		\$0.0616		\$0.0610
	OVERALL CHANGE (%)	15144				15.51%		14.46%
	used to reference avg customer	8,484,436						
ANNUAL		344,252,676		\$19,351,581		\$22,353,208		\$22,197,429
c/kwh				\$0.0562		\$0.0649		\$0.0645
	L CHANGE (%)					15.51%		14.71%
Winter Pr	ice Below Summer (SUM-WIN)/SUM			12.7%		12.7%		13.2%

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

			PRESENT	RATES	COMPANY PROP	OSED RATES	RATES W/RAT	E DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	7. OOOTOMER OFFICE	10.1	\$961.50	\$9,719	1,110.63	\$11,226	\$1,157.29	\$11,698
		-	\$0.00	\$0	-	\$0	\$0.00	\$0
			\$0.00	\$0		\$0	\$0.00	\$0
		10	_	\$9,719	_	\$11,226	_	\$11,698
	B: FACILITIES CHARGE	-	\$0.000	\$0	\$0.000	\$0	\$0.000	\$0
	C: DEMAND CHARGE							
	First 2553 kw	30,847.6	\$11.956 \$9.562	\$368,814	\$13.810	\$426,005	\$14.391	\$443,927
	Next 2553 kw Next 2553 kw	11,584.6 10,294.4	\$9.562 \$8.008	\$110,772 \$82,437	\$11.045 \$9.250	\$127,952 \$95,223	\$11.509 \$9.639	\$133,327 \$99,227
	Over 7659 kw	33,112.8	\$5.848	\$193.644	\$6.755	\$223,677	\$7.039	\$233.081
		85,839		\$755,666		\$872,857		\$909,563
	D: ENERGY CHARGE 0-180 hrs use per month	15,451,077.6	\$0.07487	\$1,156,822	\$0.08648	\$1,336,209	\$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	\$0.02456	\$352,569	\$0.02837	\$407,263	\$0.02456	\$352,569
	·	45,124,353	_	\$2,229,484		\$2,575,232		\$2,548,902
	E: REACTIVE DEMAND ADJUSTMENT	4,805	\$0.808	\$3,883	\$0.935	\$4,492	\$0.973	\$4,676
	REVENUE			\$2,998,752		\$3,463,807		\$3,474,838
	c/kwh			\$0.0665		\$0.0768		\$0.0770
	OVERALL CHANGE (%)	8492				15.51%		15.88%
	used to reference avg customer	4,464,271						
WINTER								
		DILLING LINETO	PRESENT		COMPANY PROP		RATES W/RAT	
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	A: CUSTOMER CHARGE	25.9	\$961.50	\$24,895	1,110.63	\$28,757	\$1,157.29	\$29,965
	A: CUSTOMER CHARGE	25.9	\$0.00	\$0	1,110.63 -	\$0	\$0.00	\$0
	A: CUSTOMER CHARGE	25.9 - - - 26			1,110.63 - -			
	A: CUSTOMER CHARGE B: FACILITIES CHARGE		\$0.00	\$0 \$0	1,110.63	\$0 \$0	\$0.00	\$0 \$0
			\$0.00 \$0.00	\$0 \$0 \$24,895	· - - <u>-</u>	\$0 \$0 \$28,757	\$0.00 \$0.00	\$0 \$0 \$29,965
	B: FACILITIES CHARGE		\$0.00 \$0.00	\$0 \$0 \$24,895	· - - <u>-</u>	\$0 \$0 \$28,757	\$0.00 \$0.00 \$0.000 \$9.779	\$0 \$0 \$29,965
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw	61,060.4 23,622.4	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342	\$0 \$0 \$24,895 \$0 \$496,116 \$149,813	\$0.000 \$9.385 \$7.326	\$0 \$0 \$28,757 \$0 \$573,052 \$173,058	\$0.00 \$0.00 \$0.000 \$0.000 \$9.779 \$7.633	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw	61,060.4 23,622.4 20,341.6	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595	\$0 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812	\$0.000 \$9.385 \$7.326 \$6.463	\$0 \$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw	61,060.4 23,622.4 20,341.6 59,010.2	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342	\$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157	\$0.000 \$9.385 \$7.326	\$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468 \$293,576	\$0.00 \$0.00 \$0.000 \$0.000 \$9.779 \$7.633	\$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909
	B: FACILITIES CHARGE C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw	61,060.4 23,622.4 20,341.6	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595	\$0 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812	\$0.000 \$9.385 \$7.326 \$6.463	\$0 \$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981
	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	61,060.4 23,622.4 20,341.6 59,010.2 164,035	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,873,735	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330	\$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468 \$293,576 \$1,171,154 \$2,164,274	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638	\$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214
	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 29,501,738.5	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275	\$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,873,735 \$1,261,199	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938	\$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468 \$293,576 \$1,171,154 \$2,164,274 \$1,456,796	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772	\$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823
	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	61,060.4 23,622.4 20,341.6 59,010.2 164,035	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,873,735	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330	\$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468 \$293,576 \$1,171,154 \$2,164,274	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638	\$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214
	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 29,501,738.5 27,665,337.0	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,261,199 \$672,544	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938	\$0 \$28,757 \$0 \$573,052 \$173,058 \$131,468 \$293,576 \$1,171,154 \$2,164,274 \$1,456,796 \$776,843	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772	\$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544
	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE	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	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,261,199 \$672,544 \$3,807,479 \$5,039	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$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	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544 \$4,335,582 \$6,068
	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh	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	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,873,735 \$1,261,199 \$672,544 \$3,807,479	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$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	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544 \$4,335,582 \$6,068
	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE	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	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,261,199 \$672,544 \$3,807,479 \$5,039	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$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	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544 \$4,335,582 \$6,068
ANNUAL	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$149,813 \$113,812 \$254,157 \$1,013,898 \$1,261,199 \$672,544 \$3,807,479 \$5,039	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$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	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$305,909 \$1,220,309 \$2,255,214 \$1,407,823 \$672,544 \$4,335,582 \$6,068
ANNUAL c/kwh	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$0 \$24,895 \$0 \$24,895 \$0 \$496,116 \$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	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$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%	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$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%
c/kwh OVERAL	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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	\$0.00 \$0.00 \$0.000 \$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$0 \$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	\$0.000 \$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$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%	\$0.00 \$0.00 \$0.000 \$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$0 \$0 \$29,965 \$0 \$597,110 \$180,310 \$136,981 \$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%

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

			PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/RAT	F DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
						_	1	
	A: CUSTOMER CHARGE		004.50	65.004	4 440 00	CC 4C4	4.457.00	CC 400
		5.5	961.50	\$5,334 \$0	1,110.63	\$6,161 \$0	1,157.29	\$6,420 \$0
		-	-	\$0 \$0	-	\$0 \$0	-	\$0
		6	_	\$5,334	_	\$6,161	_	\$6,420
	B: FACILITIES CHARGE	-	\$0.000	\$0	\$0.000	\$0	\$0.000	\$0
	C: DEMAND CHARGE First 2553 kw	17,994.5	\$11.956	6045 440	\$13.810	\$248.504	\$14.391	\$258,959
	Next 2553 kw	17,994.5	\$11.956	\$215,143 \$114,585	\$13.810 \$11.045	\$248,504 \$132,356	\$14.391 \$11.509	\$258,959 \$137,917
	Next 2553 kw	7,700.2	\$8.008	\$61,663	\$9.250	\$71,227	\$9.639	\$74,222
	Over 7659 kw	34,507.9	\$5.848	\$201,802	\$6.755	\$233,101	\$7.039	\$242,901
		72,186	_	\$593,193	_	\$685,188	_	\$713,999
	D: ENERGY CHARGE	12.002.474.2	¢0 07497	£072.924	£0.00640	£1 100 676	\$0.09012	£1 170 070
	0-180 hrs use per month 181-360 hrs use per month	12,993,474.2 12,993,474.2	\$0.07487 \$0.04701	\$972,821 \$610,823	\$0.08648 \$0.05430	\$1,123,676 \$705,546	\$0.09012 \$0.05248	\$1,170,972 \$681,898
	361+ hrs use per month	20.996.877.3	\$0.02456	\$515,683	\$0.02837	\$595,681	\$0.03240	\$515,683
		46,983,826		\$2,099,328	, , , , , , ,	\$2,424,903		\$2,368,553
	E: REACTIVE DEMAND ADJUSTMENT	1,689	\$0.808	\$1,365	\$0.935	\$1,579	\$0.973	\$1,644
	REVENUE			\$2,699,220		\$3,117,831		\$3,090,615
	c/kwh			\$0.0574		\$0.0664		\$0.0658
	OVERALL CHANGE (%)	13012				15.51%		14.50%
	used to reference avg customer	8,469,447						
WINTER			PRESENT	RATES	COMPANY PRO	POSED RATES	RATES W/RAT	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE							
	A. COSTOWER CHARGE	17.5	961.50	\$16,781	1,110.63	\$19,383	1,157.29	\$20,198
		-	-	\$0	-	\$0		\$0
		-	-	\$0		\$0	- <u> </u>	\$0
						\$19,383		\$20,198
		17	=	\$16,781	_	ψ10,000	_	
	B: FACILITIES CHARGE	17	\$0.000	\$16,781 \$0	\$0.000	\$0	\$0.000	\$0
	B: FACILITIES CHARGE C: DEMAND CHARGE	17	\$0.000		\$0.000		\$0.000	\$0
		- 40,724.5	\$0.000 \$8.125		\$0.000 \$9.385		\$0.000 \$9.779	\$0 \$398,245
	C: DEMAND CHARGE First 2553 kw Next 2553 kw	- 40,724.5 27,053.6	\$8.125 \$6.342	\$0	\$9.385 \$7.326	\$0	\$9.779 \$7.633	\$398,245 \$206,500
	C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw	40,724.5 27,053.6 20,382.8	\$8.125 \$6.342 \$5.595	\$0 \$330,886 \$171,574 \$114,042	\$9.385 \$7.326 \$6.463	\$0 \$382,199 \$198,195 \$131,734	\$9.779 \$7.633 \$6.734	\$398,245 \$206,500 \$137,258
	C: DEMAND CHARGE First 2553 kw Next 2553 kw	40,724.5 27,053.6 20,382.8 62,519.1	\$8.125 \$6.342	\$0 \$330,886 \$171,574 \$114,042 \$269,270	\$9.385 \$7.326	\$0 \$382,199 \$198,195 \$131,734 \$311,033	\$9.779 \$7.633	\$398,245 \$206,500 \$137,258 \$324,099
	C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw	40,724.5 27,053.6 20,382.8	\$8.125 \$6.342 \$5.595	\$0 \$330,886 \$171,574 \$114,042	\$9.385 \$7.326 \$6.463	\$0 \$382,199 \$198,195 \$131,734	\$9.779 \$7.633 \$6.734	\$398,245 \$206,500 \$137,258
	C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw	40,724.5 27,053.6 20,382.8 62,519.1 150,680	\$8.125 \$6.342 \$5.595	\$0 \$330,886 \$171,574 \$114,042 \$269,270	\$9.385 \$7.326 \$6.463	\$0 \$382,199 \$198,195 \$131,734 \$311,033	\$9.779 \$7.633 \$6.734	\$398,245 \$206,500 \$137,258 \$324,099
	C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE	40,724.5 27,053.6 20,382.8 62,519.1	\$8.125 \$6.342 \$5.595 \$4.307	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772	\$9.385 \$7.326 \$6.463 \$4.975	\$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161	\$9.779 \$7.633 \$6.734 \$5.184	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102
	C: DEMAND CHARGE First 2553 kw Next 2553 kw Next 2553 kw Over 7659 kw D: ENERGY CHARGE 0-180 hrs use per month	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	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,159,483 \$1,126,020	\$9.385 \$7.326 \$6.463 \$4.975 — \$0.07330	\$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304 \$1,300,644	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102 \$2,071,609 \$1,294,281 \$1,126,020
	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	40,724.5 27,053.6 20,382.8 62,519.1 150,680 27,122,405.8 27,122,405.8	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,759,483	\$9.385 \$7.326 \$6.463 \$4.975 - \$0.07330 \$0.04938	\$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102 \$2,071,609 \$1,294,281
	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	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	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,159,483 \$1,126,020	\$9.385 \$7.326 \$6.463 \$4.975 - \$0.07330 \$0.04938	\$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304 \$1,300,644	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102 \$2,071,609 \$1,294,281 \$1,126,020
	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	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	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$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	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$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	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102 \$2,071,609 \$1,294,281 \$1,126,020 \$4,491,911 \$2,527
	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE	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	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,159,483 \$1,126,020 \$4,006,691 \$2,098	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$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	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102 \$2,071,609 \$1,294,281 \$1,126,020 \$4,491,911 \$2,527
	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh	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	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$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	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304 \$1,339,304 \$4,628,020 \$2,427 \$5,672,992 \$0,0564	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$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
	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE	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	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,159,483 \$1,126,020 \$4,006,691 \$2,098	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$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	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102 \$2,071,609 \$1,294,281 \$1,126,020 \$4,491,911 \$2,527
	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%)	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 2,597	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,159,483 \$1,126,020 \$4,006,691 \$2,098	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304 \$1,339,304 \$4,628,020 \$2,427 \$5,672,992 \$0,0564	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$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
ANNIJAI	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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 2,597	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$330,886 \$171,574 \$114,042 \$269,270 \$885,772 \$1,721,188 \$1,150,483 \$1,126,020 \$4,006,691 \$2,098 \$4,911,342 \$0.0488	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$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%	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$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 13,63%
ANNUAL c/kwh	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	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 2,597	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$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	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304 \$1,339,304 \$4,628,020 \$2,427 \$5,672,992 \$0.0564 15,51%	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$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 13,63%
c/kwh OVERALI	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer ADJUSTMENT	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 2,597	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$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	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304 \$1,339,304 \$4,628,020 \$2,427 \$5,672,992 \$0.0564 15,51% \$0 \$8,790,823	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$137,258 \$324,099 \$1,066,102 \$2,071,609 \$1,224,281 \$1,126,020 \$4,491,911 \$2,527 \$5,580,737 \$0,0555 13,63%
c/kwh OVERALI	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 E: REACTIVE DEMAND ADJUSTMENT REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer ADJUSTMENT	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 2,597	\$8.125 \$6.342 \$5.595 \$4.307 \$0.06346 \$0.04275 \$0.02431	\$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	\$9.385 \$7.326 \$6.463 \$4.975 \$0.07330 \$0.04938 \$0.02808	\$0 \$382,199 \$198,195 \$131,734 \$311,033 \$1,023,161 \$1,988,072 \$1,339,304 \$1,330,644 \$4,628,020 \$2,427 \$5,672,992 \$0,0564 \$15,51% \$0 \$8,790,823 \$0,0596	\$9.779 \$7.633 \$6.734 \$5.184 \$0.07638 \$0.04772 \$0.02431	\$398,245 \$206,500 \$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 13,63% \$0 \$8,671,352 \$0,0588

 $C: \label{local-temp} $$C: \Users\tsk-AppData-Local-Temp\\[277169_1.x] RATE SUMMARIES$

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.

SUMMER

						_		
			PRESENT I		COMPANY PROP		RATES W/RATI	
	A. CHICTOMED CHARGE	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
		33	_	\$31,628	_	\$36,534	_	\$38,068
	B: FACILITIES CHARGE	104.760.2	\$2.669	\$493,146	\$3.083	\$560.641	\$3.212	\$593,476
	B. FACILITIES CHARGE	184,768.3	\$2.009	\$493,140	\$3.063	\$569,641	\$3.212	\$595,476
	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 Over 7500 kw	27,094.7	\$8.179	\$221,607	\$9.448	\$255,991	\$9.844	\$266,720
	Over 7500 kw	25,643.6 183,065	\$5.972	\$153,144 \$1,850,056	\$6.898	\$176,890 \$2,137,013	\$7.188	\$184,326 \$2,226,704
	D: ENERGY CHARGE	100,000	_	ψ1,000,000	_	Ψ2,107,010		ΨΣ,ΣΣΟ,1 Ο Ψ
	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
		100,052,288	_	\$4,912,054	_	\$5,673,679		\$5,596,758
	E: REACTIVE DEMAND ADJUSTMENT	18,467	\$0.808	\$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 (%)	5565				15.51%		16.02%
	used to reference avg customer	3,142,887						
WINTER								
		BILLING UNITS	PRESENT I	RATES Revenue	COMPANY PROP	OSED RATES Revenue	RATES W/RATI	E DESIGN * Revenue
	A: CUSTOMER CHARGE	BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	, a coordinate or with the	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	_	\$82,304		\$85,762
	B: FACILITIES CHARGE	421,362.7	\$2.669	\$1,124,617	\$3.083	\$1,299,061	\$3.212	\$1,353,417
	O DEMAND CHARGE							
	C: DEMAND CHARGE First 2500 kw	405 540 0	\$8.296	£4.404.000	\$9.583	£4 000 074	\$9.985	£4.050.450
	Next 2500 kw	135,518.6 65,208.8	\$6.476	\$1,124,262 \$422,292	\$9.563 \$7.480	\$1,298,674 \$487,762	\$7.795	\$1,353,153 \$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	_	\$1,964,859	_	\$2,269,608	_	\$2,364,947
	D: ENERGY CHARGE	50 015 527 2	\$0.06490	\$2 200 227	¢0 07495	¢2 011 020	\$0.07700	\$2,070,002
	0-180 hrs use per month	50,915,537.2 50,438,882.7	\$0.06480 \$0.04365	\$3,299,327 \$2,201,657	\$0.07485 \$0.05042	\$3,811,028 \$2,543,128	\$0.07799 \$0.04873	\$3,970,903 \$2,457,887
		50,915,537.2 50,438,882.7 60,572,834.9	\$0.06480 \$0.04365 \$0.02484	\$3,299,327 \$2,201,657 \$1,504,629	\$0.07485 \$0.05042 \$0.02869	\$2,543,128	\$0.07799 \$0.04873 \$0.02484	\$2,457,887
	0-180 hrs use per month 181-360 hrs use per month	50,438,882.7	\$0.04365	\$2,201,657	\$0.05042		\$0.04873	
	0-180 hrs use per month 181-360 hrs use per month	50,438,882.7 60,572,834.9	\$0.04365	\$2,201,657 \$1,504,629	\$0.05042	\$2,543,128 \$1,737,835	\$0.04873	\$2,457,887 \$1,504,629
	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	50,438,882.7 60,572,834.9 161,927,255	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419
	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE	50,438,882.7 60,572,834.9 161,927,255 42,179	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670
	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE	50,438,882.7 60,572,834.9 161,927,255 42,179	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255
	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE	50,438,882.7 60,572,834.9 161,927,255 42,179	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670
	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0733
AME	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%)	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51%	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0,0733 15,47%
ANNUAL c/bub	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%)	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51%	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0733 15,47%
c/kwh	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51%	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0733 15,47% \$21,274,866 \$0.0777
c/kwh OVERALI	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51%	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0733 15,47% \$21,274,866 \$0.0777 15,70%
c/kwh OVERALI Winter Pr	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer L CHANGE (%) ice Below Summer (SUM-WIN)/SUM	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51% \$21,239,823 \$0.0776 15.51%	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0,0773 15,47% \$21,274,866 \$0,0777 15,70% 13,8%
c/kwh OVERALI Winter Pr	0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: REACTIVE DEMAND ADJUSTMENT F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer L CHANGE (%) ice Below Summer (SUM-WIN)/SUM	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672 \$13,4%	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51% \$21,239,823 \$0.0776 15.51% 13.4%	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0733 15.47% \$21,274,866 \$0.0777 15.70% 13.8%
c/kwh OVERALI Winter Pr	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 F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer L CHANGE (%) ice Below Summer (SUM-WIN)/SUM TOTAL (ALL RATES) TOTAL (ALL RATES)	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51% \$21,239,823 \$0.0776 15.51%	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0,0773 15,47% \$21,274,866 \$0,0777 15,70% 13,8%
c/kwh OVERALI Winter Pr SUMMER WINTER Manual Bi GRAND 1	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 F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer L CHANGE (%) ice Below Summer (SUM-WIN)/SUM TOTAL (ALL RATES) TOTAL (ALL RATES) Ils OTAL (ANNUAL - ALL RATES)	50,438,882,7 60,572,834,9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420 800,788,808 1,376,678,981	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672 \$13,4% \$56,110,826 \$84,087,488 \$2,260,002 \$142,458,316	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 \$15.51% \$21,239,823 \$0.0776 \$15.51% \$13.4% \$64,812,855 \$97,127,977 \$2,610,537 \$164,551,370	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0773 \$15,47% \$21,274,866 \$0.0777 \$15,70% \$13.8% \$64,972,452 \$96,967,735 \$2,610,537 \$164,550,723
c/kwh OVERALI Winter Pr SUMMER WINTER Manual Bi GRAND T c/kwh Su	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 F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer L CHANGE (%) ice Below Summer (SUM-WiN)/SUM TOTAL (ALL RATES) TOTAL (ALL RATES) Ils TOTAL (ANNUAL - ALL RATES) mmer	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420 800,788,808 1,376,678,981 29,596,435	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672 13.4% \$56,110,826 \$84,087,488 \$2,260,002 \$142,458,316 \$0.0701	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15.51% \$21,239,823 \$0.0776 15.51% 13.4% \$64,812,855 \$97,127,977 \$2,610,537 \$164,551,370 \$0.0809	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0733 15,47% \$21,274,866 \$0.0777 15,70% 13.8% \$64,972,452 \$96,967,735 \$2,610,537 \$164,550,723 \$0.0811
c/kwh OVERALI Winter Pr SUMMER WINTER Manual Bi GRAND 1 c/kwh Su c/kwh Wi	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 F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer CHANGE (%) ice Below Summer (SUM-WIN)/SUM TOTAL (ALL RATES) TOTAL (ALL RATES) Ils OTAL (ANNUAL - ALL RATES) mmer nter	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420 800,788,808 1,376,678,981 29,596,435	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672 13.4% \$56,110,826 \$84,087,488 \$2,260,002 \$142,458,316 \$0.0701 \$0.0611	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15,51% \$21,239,823 \$0.0776 15,51% 13,4% \$64,812,855 \$97,127,977 \$2,610,537 \$164,551,370 \$0.0809 \$0.0706	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0773 15,47% \$21,274,866 \$0.0777 15,70% 13,8% \$64,972,452 \$96,967,735 \$2,610,537 \$164,550,723 \$0.0811 \$0.0704
c/kwh OVERALI Winter Pr SUMMER WINTER Manual Bi GRAND 1 c/kwh Su c/kwh Wi c/kwh An	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 F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer CHANGE (%) ice Below Summer (SUM-WIN)/SUM TOTAL (ALL RATES) TOTAL (ALL RATES) Ils OTAL (ANNUAL - ALL RATES) mmer nual	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420 800,788,808 1,376,678,981 29,596,435	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672 13.4% \$56,110,826 \$84,087,488 \$2,260,002 \$142,458,316 \$0.0701 \$0.0611 \$0.0645	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 \$15,51% \$21,239,823 \$0.0776 \$15,51% \$13,4% \$64,812,855 \$97,127,977 \$2,610,537 \$164,551,370 \$0.0809 \$0.0706 \$0.0746	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0,0773 \$15,47% \$21,274,866 \$0,0777 \$15,70% \$13,8% \$64,972,452 \$96,967,735 \$2,610,537 \$164,550,723 \$0,0811 \$0,0704 \$0,0704 \$0,0704
C/kwh OVERALI Winter Pr SUMMER WINTER: Manual Bi GRAND 1 C/kwh Sui C/kwh Wi C/kwh An	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 F: MANUAL BILL USAGE/REVENUE REVENUE c/kwh OVERALL CHANGE (%) used to reference avg customer CHANGE (%) ice Below Summer (SUM-WIN)/SUM TOTAL (ALL RATES) TOTAL (ALL RATES) Ils OTAL (ANNUAL - ALL RATES) mmer nter	50,438,882.7 60,572,834.9 161,927,255 42,179 8,383,635 3854 2,298,220 273,694,420 800,788,808 1,376,678,981 29,596,435	\$0.04365 \$0.02484	\$2,201,657 \$1,504,629 \$7,005,613 \$34,080 \$610,049 \$10,810,471 \$0.0635 \$18,388,128 \$0.0672 13.4% \$56,110,826 \$84,087,488 \$2,260,002 \$142,458,316 \$0.0701 \$0.0611	\$0.05042 \$0.02869	\$2,543,128 \$1,737,835 \$8,091,991 \$39,425 \$704,670 \$12,487,059 \$0.0733 15,51% \$21,239,823 \$0.0776 15,51% 13,4% \$64,812,855 \$97,127,977 \$2,610,537 \$164,551,370 \$0.0809 \$0.0706	\$0.04873 \$0.02484	\$2,457,887 \$1,504,629 \$7,933,419 \$41,040 \$704,670 \$12,483,255 \$0.0773 15,47% \$21,274,866 \$0.0777 15,70% 13,8% \$64,972,452 \$96,967,735 \$2,610,537 \$164,550,723 \$0.0811 \$0.0704

508% 15.508%

C:\Users\tsk\AppData\Local\Temp\{277169_1.x\sx}\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.

INPUT FOR MODEL								
		Company	Rate Design					
Cust Chg	Current Rates	Proposed Rates	Rates *					
A: CUSTOMER CHARGE	404.45	447.00	400.00					
0-24 KW	101.15 101.15	117.26	120.29					
25-199 KW 200-999 KW	101.15	117.26 117.26	120.29 120.29					
1001+ KW	863.59	1,001.15	1,027.03					
Separately Metered Space Heat	2.32	2.69	2.76					
Coparatory motored opace rical	2.02	2.00	20					
B: FACILITIES CHARGE								
SECONDARY:	2.894	3.355	3.442					
PRIMARY:	2.399	2.781	2.853					
C: DEMAND CHARGE								
SECONDARY-SUMMER:	5.778	6.698	6.872					
SECONDARY-WINTER	3.109	3.604	3.697					
PRIMARY-SUMMER	5.647	6.547 3.523	6.716 3.614					
PRIMARY-WINTER SECONDARY-WINTER - ELEC ONLY	3.039 2.879	3.338	3.424					
PRIMARY-WINTER - ELEC ONLY	2.811	3.259	3.343					
T KINDAKT - WINTER - ELEO ONET	2.011	0.200	3.543					
D: ENERGY CHARGE								
SECONDARY-SUMMER:								
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:								
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					
DDIMARY OUR MED								
PRIMARY-SUMMER: 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:	0.04100	0.04020	0.04100					
0-180 hrs use per month	0.07620	0.08834	0.09062					
181-360 hrs use per month	0.04558	0.05284	0.05103					
361+ hrs use per month	0.03510	0.04069	0.03510					
SECONDARY-WINTER - ALL ELECTRIC								
0-180 hrs use per month	0.07141		0.08492					
181-360 hrs use per month	0.04023		0.04504					
361+ hrs use per month	0.03140	0.03640	0.03140					
PRIMARY-WINTER - ALL ELECTRIC	0.06004	0.00105	0.00214					
0-180 hrs use per month 181-360 hrs use per month	0.06991 0.03934	0.08105 0.04561	0.08314 0.04404					
361+ hrs use per month	0.03934	0.04561	0.03080					
301. The doc per month	0.03000	0.03371	3.00000					
E: SEPARATELY METERED S/H-WINTER								
SECONDARY	0.05246	0.03640	0.06239					
PRIMARY	0.00000	-	-					
F: REACTIVE DEMAND ADJUSTMENT	0.726	0.0.0	0.863					
LGS Secondary	100.00%	15.93%	15.82%					
LGS Primary	100.00%	15.93%	15.75%					
LGS Overall Change (*)	0.00%	15.93%	15.81%					
LGA Secondary	100.00%	15.93%	15.53%					
LGA Primary	100.00%		15.34%					
LGA Winter Energy Overall Change LGA Overall Change (*)	0.00%	15.93% 15.93%	14.65% 15.49%					
Winter Price Below Summer (SUM-WIN)/SUM	28.0%	16.4%	15.49%					
Overall Change	23.070	15.73%	15.73%					
Overall Sharige		13.73%	13.73%					

Revenue \$180,421,101 \$208,797,372 \$208,796,772 Change in Revenue \$28,375,671

Proposed change per Revenue Summary

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

MO LARGE GENERAL SECONDARY VOLTAGE - LGSS

* 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

 Rate
 Revenue

 Rate
 Revenue

SUMMER

	A: CUSTOMER CHARGE 0-24 KW 25-199 KW 200-999 KW 1001+ KW Separately Metered Space Heat B: FACILITIES CHARGE C: DEMAND CHARGE D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: SEPARATELY METERED SPACE HEAT F: REACTIVE DEMAND ADJUSTMENT	2,255.5 102.0 - 2,357 1,060,170.9 1,082,957.6 185,940,957.7 152,515,075.4 79,598,160.9 418,054,194	\$101.15 \$101.15 \$101.15 \$863.59 \$2.32	\$0 \$0 \$228,145 \$88,050 \$0 \$316,195 \$3,068,135 \$6,257,329 \$15,778,950 \$9,265,291 \$3,390,882 \$28,435,122 \$0 \$1,373	\$117.26 \$117.26 \$117.26 \$1,001.15 \$2.69 \$3.355 \$6.698 \$0.09838 \$0.07043 \$0.04939 \$0.03640 \$0.843	\$0 \$0 \$264,481 \$102,076 \$0 \$366,557 \$3,556,873 \$7,253,650 \$18,293,057 \$10,741,637 \$3,931,353 \$32,966,047 \$0 \$1,595	\$120.29 \$120.29 \$120.29 \$1.027.03 \$2.76 \$3.442 \$6.872 \$0.10092 \$0.06801 \$0.04260 \$0.06239 \$0.863	\$0 \$0 \$271,315 \$104,715 \$0 \$376,030 \$3,649,108 \$7,442,085 \$18,765,161 \$10,372,550 \$3,390,882 \$32,528,593 \$0 \$1,632
	MANUAL BILLS REVENUE c/kwh FLUCTUATION (%) used to reference avg customer	8,599,450 180,980		\$861,345 \$38,939,499 \$0.0913		\$998,550 \$45,143,272 \$0.1058 15.93%		\$998,550 \$44,995,998 \$0.1055 15.55%
WINTER			PRESENT	DATES	COMPANY PRO	DOSED BATES	RATES W/RAT	TE DESIGN *
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE 0-24 KW 25-199 KW 200-999 KW 1001+ KW Separately Metered Space Heat	5,443.5 242.2 5,686	\$101.15 \$101.15 \$101.15 \$863.59 \$2.32	\$0 \$0 \$550,608 \$209,137 \$0 \$759,745	\$117.26 \$117.26 \$117.26 \$1,001.15 \$2.69	\$0 \$0 \$638,302 \$242,450 \$0 \$880,753	120.29 120.29 120.29 1,027.03 2.76	\$0 \$0 \$654,796 \$248,718 \$0 \$903,514
		0,000	_	4.00,	_	+,	-	
	B: FACILITIES CHARGE	2,573,224.0	\$2.894	\$7,446,910	\$3.355	\$8,633,166	\$3.442	\$8,857,037
	B: FACILITIES CHARGE C: DEMAND CHARGE		\$2.894 \$3.109		\$3.355 \$3.604		\$3.442 \$3.697	\$8,857,037 \$7,214,138
	C: DEMAND CHARGE D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	2,573,224.0	\$3.109 \$0.07798 \$0.04670 \$0.03580	\$7,446,910 \$6,066,745 \$25,208,083 \$11,915,271 \$4,175,603 \$41,298,957	\$3.604 \$0.09040 \$0.05414 \$0.04150	\$8,633,166 \$7,032,663 \$29,223,015 \$13,813,549 \$4,840,434 \$47,876,998	\$3.697 \$0.09274 \$0.05228 \$0.03580 _	\$7,214,138 \$29,979,452 \$13,338,980 \$4,175,603 \$47,494,035
	C: DEMAND CHARGE D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: SEPARATELY METERED SPACE HEAT	2,573,224.0 1,951,349.2 323,263,444.2 255,144,981.6 116,636,957.8 695,045,384	\$3.109 \$0.07798 \$0.04670 \$0.03580 - \$0.05246	\$7,446,910 \$6,066,745 \$25,208,083 \$11,915,271 \$4,175,603 \$41,298,957	\$3.604 \$0.09040 \$0.05414 \$0.04150 - \$0.03640	\$8,633,166 \$7,032,663 \$29,223,015 \$13,813,549 \$4,840,434 \$47,876,998	\$3.697 \$0.09274 \$0.05228 \$0.03580 - \$0.06239	\$7,214,138 \$29,979,452 \$13,338,980 \$4,175,603 \$47,494,035
	C: DEMAND CHARGE D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month	2,573,224.0 1,951,349.2 323,263,444.2 255,144,981.6 116,636,957.8	\$3.109 \$0.07798 \$0.04670 \$0.03580	\$7,446,910 \$6,066,745 \$25,208,083 \$11,915,271 \$4,175,603 \$41,298,957	\$3.604 \$0.09040 \$0.05414 \$0.04150	\$8,633,166 \$7,032,663 \$29,223,015 \$13,813,549 \$4,840,434 \$47,876,998	\$3.697 \$0.09274 \$0.05228 \$0.03580 _	\$7,214,138 \$29,979,452 \$13,338,980 \$4,175,603 \$47,494,035
ANNUAL E c/kwh FLUCTUA`	C: DEMAND CHARGE D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 361+ hrs use per month E: SEPARATELY METERED SPACE HEAT F: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE c/kwh FLUCTUATION (%) used to reference avg customer	2,573,224.0 1,951,349.2 323,263,444.2 255,144,981.6 116,636,957.8 695,045,384 - 4,244.1 23,350,249.9	\$3.109 \$0.07798 \$0.04670 \$0.03580 - \$0.05246	\$7,446,910 \$6,066,745 \$25,208,083 \$11,915,271 \$4,175,603 \$41,298,957 \$0 \$3,081 \$2,049,246 \$57,624,685	\$3.604 \$0.09040 \$0.05414 \$0.04150 - \$0.03640	\$8,633,166 \$7,032,663 \$29,223,015 \$13,813,549 \$4,840,434 \$47,876,998 \$0 \$3,579 \$2,375,674 \$66,802,833 \$0,0930	\$3.697 \$0.09274 \$0.05228 \$0.03580 - \$0.06239	\$7,214,138 \$29,979,452 \$13,338,980 \$4,175,603 \$47,494,035 \$0 \$3,663 \$2,375,674 \$66,848,060 \$0,0931

BILLING UNITS

C:\Users\tsk\AppData\Local\Temp\[277168_1.xlsx]RATE SUMMARIES

RATES W/RATE DESIGN *
Rate Revenue

MO LARGE GENERAL **PRIMARY VOLTAGE - LGSP**

A: CUSTOMER CHARGE 0-24 KW

* 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.

\$0

Revenue

PRESENT RATES

Rate

\$101.15

BILLING UNITS

COMPANY PROPOSED RATES

Rate Revenue

\$117.26

RATES W/RATE DESIGN *

Revenue

\$0

Rate

\$120.29

\$0

SUMMER

0-24 KW	•	\$101.15	\$0	\$117.26	\$0	\$120.29	\$0
	104.2						\$0 \$23,357
							\$66,937
	-						\$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
							\$2,101,131
361+ hrs use per month	85,562,932	\$0.04160 _	\$637,758 \$5,715,310	\$0.04823 <u> </u>	\$739,401 \$6,625,744	\$0.04160 _	\$637,758 \$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 BILLS	2.096.422.2		\$272.307		\$315.683		\$315,683
REVENUE			\$7,841,237		\$9,090,419		\$9,065,265
c/kwh			\$0.0895		\$0.1037		\$0.1034
	000 004				15.93%		15.61%
used to reference avg customer	338,004						
		DDECENT	DATEC	COMPANY PROF	OCED DATES	DATEC W/DAT	E DECION *
	BILLING UNITS						Revenue
A: CUSTOMER CHARGE			••	****	••	****	
	-						\$0 \$0
	490.1						\$58,955
							\$183,104
Separately Metered Space Heat		\$2.32	\$0	\$2.69	\$0	\$2.76	\$0_
	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
C: DEMAND CHARGE	404,048.3	\$3.039	\$1,227,903	\$3.523	\$1,423,462	\$3.614	\$1,460,231
D: ENERGY CHARGE							
							\$6,362,833
							\$2,947,074
361+ nrs use per month		\$0.03510		\$0.04069		\$0.03510	\$944,945 \$10,254,852
	134,007,730	_	φ0,927,013	_	\$10,349,765	_	φ10,23 4 ,832
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
			\$12,142,768		\$14,077,042		\$14,066,778
			\$0.0773				\$0.0896
used to reference avg customer	234,934				15.93%		15.84%
-NED OVER VENUE	044 007 700		040 004 005		000 107 101		000 100 010
ENERG I/REVENUE	∠44,b87,7b9						\$23,132,043 \$0.0945
TION (%)			φ0.0617		15.93%		15.75%
ce Below Summer (SUM-WIN)/SUM			13.6%		13.6%		13.4%
							\$54,061,263
							\$80,914,837 \$134,976,100
OTAL (ANNUAL-LUGGILUGF)	1,303,131,041		\$0.0839		\$135,113,566		\$0.0971
			ψυ.υυυυ		Ψ0.0012		Ψ0.0071
	25-199 KW 200-999 KW 1001+ KW Separately Metered Space Heat B: FACILITIES CHARGE C: DEMAND CHARGE D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month 25: SEPARATELY METERED SPACE HEAT F: REACTIVE DEMAND ADJUSTMENT MANUAL BILLS REVENUE C/kwh FLUCTUATION (%) used to reference avg customer A: CUSTOMER CHARGE 0-24 KW 25-199 KW 200-999 KW 1001+ KW Separately Metered Space Heat B: FACILITIES CHARGE C: DEMAND CHARGE D: ENERGY CHARGE 0-180 hrs use per month 181-360 hrs use per month	25-199 KW 200-999 KW 1001+ KW 65.2 Separately Metered Space Heat 259 B: FACILITIES CHARGE C: DEMAND CHARGE 220,881.5 D: ENERGY CHARGE 0-180 hrs use per month 31,653,080.7 361+ hrs use per month 415,330,719.3 85,562,932 E: SEPARATELY METERED SPACE HEAT F: REACTIVE DEMAND ADJUSTMENT FLUCTUATION (%) used to reference avg customer A: CUSTOMER CHARGE 0-24 KW 200-999 KW 490.1 1001+ KW Separately Metered Space Heat 668 B: FACILITIES CHARGE 0-180 hrs use per month 668 B: FACILITIES CHARGE 10-180 hrs use per month 70-214,441.7 181-360 hrs use per month 181-360 hrs use per month 26.921,516.0 154,887,758 E: SEPARATELY METERED SPACE HEAT F: REACTIVE DEMAND ADJUSTMENT 181-360 hrs use per month 181-360 hrs use per month 26.921,516.0 154,887,758 E: SEPARATELY METERED SPACE HEAT F: REACTIVE DEMAND ADJUSTMENT 41,754 MANUAL BILLS REVENUE c/kwh FLUCTUATION (%) used to reference avg customer 234,934 ENERGY/REVENUE 244,687,769 TION (%) ce Below Summer (SUM-WIN)/SUM	25-199 KW 19-2 \$101.15	25-199 KW 194-2 \$101.15 \$02 200.999 KW 194-2 \$101.15 \$19,640 1001+ KW 65.2 \$863.59 \$56,285 Separately Metered Space Heat \$2.32 \$0 259 B: FACILITIES CHARGE 215,594.6 \$2.399 \$517,211 C: DEMAND CHARGE 220,881.5 \$5.647 \$1,247,318 D: ENERGY CHARGE 20,881.5 \$5.647 \$1,247,318 D: ENERGY CHARGE 31,653,080.7 \$0.08296 \$3,200,525 181-390 Ins use per month 31,653,080.7 \$0.08296 \$33,709.3 \$617,7028 361+ hrs use per month 31,653,080.7 \$0.0990 \$1,877,028 361+ hrs use per month 15,330,719.3 \$0.04160 \$637,758 E: SEPARATELY METERED SPACE HEAT - \$0.00000 \$0 F: REACTIVE DEMAND ADJUSTMENT 18,135 \$0.726 \$13,166 MANUAL BILLS 2,096,422.2 \$272,307 REVENUE 2,000,000 REVENUE 338,004 A: CUSTOMER CHARGE 0-24 KW - \$101.15 \$0 0.0999 KW 490.1 \$101.15 \$0.0995 FILUCTUATION (%) used to reference avg customer 338,004 A: CUSTOMER CHARGE 0-24 KW - \$101.15 \$0.0000 B: FACILITIES CHARGE 59,000 Heat 1 \$101.15 \$49,575 1001+ kW 178.3 \$835.59 \$159,985 Separately Metered Space Heat - \$2.32 \$0.500,540 B: FACILITIES CHARGE - \$2.32 \$0.500,540 B: FACILITIES CHARGE 59,000 Heat 57,751,799 \$0.04568 \$2.303,540 D: ENERGY CHARGE 0-180 hrs use per month 57,751,799 \$0.04558 \$2.303,240 D: ENERGY CHARGE 0-180 hrs use per month 57,751,799 \$0.04558 \$2.303,240 This 330 hrs use per month 57,751,799 \$0.04558 \$2.303,240 F: REACTIVE DEMAND ADJUSTMENT 41,754 \$0.0760 \$5.303,40 F: REACTIVE DEMAND AD	25-199 KW 194.2 \$101.15 \$19.40 \$117.26 \$10.11 \$19.40 \$117.26 \$10.11 \$19.40 \$117.26 \$10.11 \$19.40 \$117.26 \$10.11 \$19.40 \$117.26 \$10.11 \$19.40 \$117.26 \$10.11 \$19.40 \$117.26 \$10.11 \$19.40 \$1.01 \$1.00 \$	25-199 KW	25-199 KW

MO LARGE GENERAL 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.

SUMMER

SOWINER			PRESENT		COMPANY PRO		RATES W/RA	
		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	519.0	\$101.15	\$52,495	\$117.26	\$60,856	\$120.29	\$62,428
	1001+ KW	141.4	\$863.59	\$122,116	\$1,001.15	\$141,568	\$1,027.03	\$145,227
	Separately Metered Space Heat		\$2.32	\$0	\$2.69	\$0	\$2.76	\$0
		660	-	\$174,611	-	\$202,423	-	\$207,655
	B: FACILITIES CHARGE	477,275.8	\$2.894	\$1,381,236	\$3.355	\$1,601,260	\$3.442	\$1,642,783
	C: DEMAND CHARGE	436,829.9	\$5.778	\$2,524,003	\$6.698	\$2,925,887	\$6.872	\$3,001,895
	D: ENERGY CHARGE							
	0-180 hrs use per month	76,809,758.3	\$0.08486	\$6,518,076	\$0.09838	\$7,556,621	\$0.10092	\$7,751,641
	181-360 hrs use per month	70,540,530.7 42,238,222.9	\$0.06075	\$4,285,337	\$0.07043	\$4,968,170 \$2,086,146	\$0.06801	\$4,797,461
	361+ hrs use per month	189,588,512	\$0.04260	\$1,799,348 \$12,602,762	\$0.04939 <u> </u>	\$14,610,936	\$0.04260	\$1,799,348 \$14,348,451
	E: SEPARATELY METERED SPACE HEAT	-	\$0.05246	\$0	\$0.03640	\$0	\$0.06239	\$0
	F: REACTIVE DEMAND ADJUSTMENT	3,048	\$0.726	\$2,213	\$0.843	\$2,571	\$0.863	\$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								
			PRESENT		COMPANY PRO		RATES W/RA	
		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	1,352.6	\$101.15	\$136,816	\$117.26	\$158,607	\$120.29	\$162,705
	1001+ KW	388.8	\$863.59	\$335,773	\$1,001.15	\$389,257	\$1,027.03	\$399,320
	Separately Metered Space Heat		\$2.32	\$0	\$2.69	\$0	\$2.76	\$0
		1,741	-	\$472,589	=	\$547,864	=	\$562,025
	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							
	0-180 hrs use per month	176,405,679.9	\$0.07141	\$12,597,130	\$0.08278	\$14,602,862	\$0.08492	\$14,980,370
	181-360 hrs use per month	154,681,102.8 78,860,547.3	\$0.04023 \$0.03140	\$6,222,821 \$2,476,221	\$0.04664 \$0.03640	\$7,214,327 \$2,870,524	\$0.04504 \$0.03140	\$6,966,837 \$2,476,221
	361+ hrs use per month	409,947,330	\$0.03140	\$2,476,221	\$0.03640	\$2,870,524	\$0.03140	\$2,476,221
		409,341,330	-	ΨΖ1,230,172	=	Ψ24,001,113	-	\$24,425,420
	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 REVENUE c/kwh FLUCTUATION (%)	34,003,869.5		\$2,103,124 \$30,477,949 \$0.0687		\$2,438,134 \$35,332,485 \$0.0796 15.93%		\$2,438,134 \$35,280,396 \$0.0795 15.76%
	used to reference avg customer	254,936						
ANNUAL E c/kwh FLUCTUA	ENERGY/REVENUE TION (%)	643,964,488		\$47,974,542 \$0.0745		\$55,616,638 \$0.0864 15.93%		\$55,424,888 \$0.0861 15.53%
Winter Pri	ce Below Summer (SUM-WIN)/SUM			21.5%		21.5%		21.1%

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

SUMMER								
			PRESENT		COMPANY PROP		RATES W/RAT	
		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
		46_	_	\$32,041	_	\$37,144	_	\$38,105
	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	\$589,081	\$0.04160	\$508,102
		51,198,242	_	\$3,317,420	_	\$3,845,891	_	\$3,774,700
	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 (%)					15.93%		14.99%
	used to reference avg customer	1,118,873						
WINTER								
			PRESENT	RATES	COMPANY PROP		RATES W/RAT	E 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	26.4	\$101.15	\$2,672	\$117.26	\$3,097	\$120.29	\$3,177
	1001+ KW	96.8	\$863.59	\$83,636	\$1,001.15	\$96,958	\$1,027.03	\$99,464
	Separately Metered Space Heat	123	\$2.32	\$0 \$86,307	\$2.69 _	\$0 \$100,055	\$2.76 _	\$0 \$102,641
	D. FACILITIES CHARGE		£2.200		CO 704		***	
	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	23,694,554.7 113,219,919	\$0.03080	\$729,792 \$5,727,694	\$0.03571	\$846,133	\$0.03080	\$729,792 \$6,560,204
		113,219,919	_	\$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	ENERGY/REVENUE	164,418,161		\$11,781,022		\$13,658,170		\$13,588,714
c/kwh				\$0.0717		\$0.0831		\$0.0826
FLUCTUA	TION (%)					15.93%		15.34%
Winter Pri	ce Below Summer (SUM-WIN)/SUM			22.1%		22.1%		21.8%
SUMMER	TOTAL (LGSSA/LGSPA)	251,211,531		\$21,824,888		\$25,301,992		\$25,121,406
	OTAL (LGSSA/LGSPA)	557,171,118		\$37,930,676		\$43,972,816		\$43,892,196
	OTAL (LOSSA/LGSFA) OTAL (ANNUAL-LGSSA/LGSPA)	808,382,649		59,755,564		69,274,808		69,013,602
c/kwh				\$0.0739		\$0.0857		\$0.0854
	WINTED ENERGY GUARIGE			,		15.93%		14.65%
OVERALL	WINTER ENERGY CHANGE							

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

SUMMER								
			PRESENT		COMPANY PROF		RATES W/RAT	
	A: CUSTOMER CHARGE	BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	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	112.3	\$101.15	\$11,361	\$117.26	\$13,171	\$120.29	\$13,511
	1001+ KW	12.1	\$863.59	\$10,440	\$1,001.15	\$12,103	\$1,027.03	\$12,415
	Separately Metered Space Heat	124.4	\$2.32	\$289	\$2.69	\$335	\$2.76	\$343
		249	· -	\$22,090	_	\$25,608	· -	\$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								
			PRESENT		COMPANY PROF		RATES W/RAT	
		BILLING UNITS	Rate	Revenue	Rate	Revenue	Rate	Revenue
	A: CUSTOMER CHARGE		*****			••	****	••
	0-24 KW 25-199 KW	•	\$101.15 \$101.15	\$0 \$0	\$117.26 \$117.26	\$0 \$0	\$120.29 \$120.29	\$0 \$0
	200-999 KW	222.8	\$101.15 \$101.15	\$22,533	\$117.26 \$117.26	\$26,122	\$120.29 \$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
	ocparatory meteroa opace ricat	494	ΨΣ.02 _	\$43,951	Ψ2.00 <u></u>	\$50,952	Ψ2.70 _	\$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
	Contract Con	16,220,611	<u> </u>	\$969,752	40.01100 _	\$1,124,213	40.00000 _	\$1,116,755
	E: SEPARATELY METERED SPACE HEAT	14,916,720.8	\$0.05246	\$782,531	\$0.03640	\$542,969	\$0.06239	\$930,654
		14,810,720.0						
	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		\$0.0797		\$0.0921
	FLUCTUATION (%)	05.001				1.56%		17.38%
	used to reference avg customer	65,694 60,414						
ANNUAL E	ENERGY/REVENUE	48,721,343		\$4.117.349		\$4,408,998		\$4.807.070
c/kwh FLUCTUA		12,12.1,2.12		\$0.0845		\$0.0905 7.08%		\$0.0987 16.75%
	•							
	ce Below Summer (SUM-WIN)/SUM			18.6%		28.7%		17.4%
	TOTAL (ALL RATES)	760,577,812		\$68,214,966		\$79,082,835		\$78,726,979
	OTAL (ALL RATES)	1,404,237,722		\$105,599,919		\$122,056,007		\$122,411,263
	BILLS-CREDITS-ADJUSTMENTS	82,025,505		\$6,606,216		\$7,658,530		\$7,658,530
	OTAL (ANNUAL - ALL RATES)	2,246,841,039		\$180,421,101		\$208,797,372		\$208,796,772
c/kwh Sun				\$0.0897		\$0.1040		\$0.1035
c/kwh Win				\$0.0752		\$0.0869		\$0.0872
c/kwh Ann	iual ce Below Summer (SUM-WIN)/SUM			\$0.0803 16.2%		\$0.0929 16.4%		\$0.0929 15.8%
Mint P						7 h 4%		
	CHANGE (%)			10.270		15.728%		15.73%

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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

Line	Missouri Rate Group	Energy @ Meter (kWh)	Energy @ Generator (kWh)	Loss Factor
		(1)	(2)	(3)
1 2 3	LGSP LGSPA LGSPH	244,687,769 164,418,161 0	253,758,834 170,513,471 0	1.037072 1.037072
4 5 6	LGSS LGSSA LGSSH	1,145,049,278 643,964,488 48,721,343	1,215,227,058 683,431,783 51,707,377	1.061288 1.061288 1.061288
7	TOTAL	2,246,841,039	2,374,638,523	
8 9 10	LPGSP LPGSPO LPGSS	848,759,784 273,694,420 460,991,814	880,225,007 283,840,819 489,245,081	1.037072 1.037072 1.061288
11	LPGSPO	0	0	
12 13 14	LPGSSS LPGSTR LPSTRO	344,252,676 131,817,671 147,547,859	352,799,782 133,880,749 149,857,130	1.024828 1.015651 1.015651
15	TOTAL	2,207,064,224	2,289,848,568	
16 17	MGSP MGSPA	9,396,192 396,843	9,744,528 411,555	1.037072 1.037072
18 19	MGSPH MGSS	0 970,815,626	0 1,030,314,974	1.061288
20 21	MGSSA MGSSH	110,317,475 22,014,495	117,078,613 23,363,719	1.061288 1.061288
22	TOTAL	1,112,940,632	1,180,913,389	1.001200
23 24	SGSP SGSPA	1,252,067 0	1,298,483 0	1.037072
25 26	SGSPH SGSPU	0	0	
27	SGSS	382,747,826	406,205,675	1.061288
28 29	SGSSA SGSSH	15,366,343 5,816,232	16,308,115 6,172,697	1.061288 1.061288
30	SGSSU	7,377,858	7,830,032	1.061288
31	TOTAL	412,560,325	437,815,002	
32	RESA RESB	1,870,294,513	1,984,921,123	1.061288
33 34	RESC	570,415,845 162,008,520	605,375,491 171,937,698	1.061288 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 44	Substation Transmission	344,252,676 279,365,529	352,799,782 283,737,879	1.024828 1.015651
45	Total	8,668,656,844	9,137,284,899	1.010001

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

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			. ,		. ,		
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								
	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								
	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								
	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

Line	Description	Missouri Retail (1)	Residential (2)	Small General Service (3)	Medium General Service (4)	Large General Service (5)	Large Power Service (6)	Other Lighting (7)
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

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								
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								
	OPERATING EXPENSES	000 = 4 4 00=		40.000.074	00 700 040		== == 1 ===	0.477.040
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	NET ELECTRIC OPERATING INCOME	100 100 510	00 740 007	0 = 0 4 0 = 4	04 000 005	44 000 000	00.405.000	0.054.000
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	DATE BACE							
	RATE BASE	5 0 40 475 544	0.000.074.500	005 740 000	040 074 057	4 000 005 405	704 047 400	04.004.400
0220	TOTAL ELECTRIC PLANT	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	PLUS:	(50 500 400)	(04 000 550)	(0.050.700)	(7.075.040)	(40,000,700)	(0.500.470)	(444.047)
0260	CASH WORKING CAPITAL	(58,530,428)	(24,832,553)	(3,658,780)	(7,675,819)	(12,338,780)	(9,580,178)	(444,317)
0270	MATERIALS & SUPPLIES	57,386,822	24,758,852	3,339,479	7,426,992	11,960,617	9,754,453	146,429
0280	PREPAYMENTS	6,397,922	2,816,769	374,328	803,604	1,310,599	1,082,378	10,243
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	46,987,576	7,742,148	13,530,773	23,119,575	19,167,572	744,935
0310	LESS:	407 704	04.550	40.500	00.074	04.700	40.750	0.474
0320	CUSTOMER ADVANCES FOR CONSTRUCTION	167,781	91,553	12,598	22,671	24,733	12,753	3,474 0
0330	CUSTOMER DEPOSITS	3,567,416	1,780,441	1,424,044	301,429	56,982	4,521	•
0340	DEFERRED INCOME TAXES	599,672,820	269,905,753	36,355,201	77,251,301	119,217,592	94,081,881	2,861,092
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	1,139,450,460	152,451,257	332,707,644	516,303,358	409,739,926	6,437,116
0380 0390	DATE OF DETLIDA	E 00E0/	0.0450/	6 0000/	6.0440/	0.0400/	6.4400/	52.118%
	RATE OF RETURN RELATIVE RATE OF RETURN	5.025% 1.00	2.345% 0.47	6.232% 1.24	6.341% 1.26	8.019% 1.60	6.449% 1.28	52.118% 10.37
0400	RELATIVE RATE OF RETURN	1.00	0.47	1.24	1.20	1.00	1.20	10.37

Notes

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