Exhibit No.:	
Issue:	Minimum Filing Requirements; Annualized/Normalized Revenues; Impact Study of Uniform Rates; Class Cost of Service; Rate Design and Consolidated Rates; Pre-MEEIA Cost Recovery Economic Relief Pilot Program
Witness:	Bradley D. Lutz
Type of Exhibit:	Direct Testimony
Sponsoring Party:	KCP&L Greater Missouri Operations Company
Case No.:	ER-2016-0156
Date Testimony Prepared:	February 23, 2016

MISSOURI PUBLIC SERVICE COMMISSION

CASE NO.: ER-2016-0156

DIRECT TESTIMONY

OF

BRADLEY D. LUTZ

ON BEHALF OF

KCP&L GREATER MISSOURI OPERATIONS COMPANY

Kansas City, Missouri
February 2016

DIRECT TESTIMONY

OF

BRADLEY D. LUTZ

Case No. ER-2016-0156

Q: Please state your name and business address.

A: My name is Bradley D. Lutz. My business address is 1200 Main, Kansas City, Missouri 64105.

Q: By whom and in what capacity are you employed?

A: I am employed by Kansas City Power & Light Company ("KCP&L") as Manager – Regulatory Affairs.

Q: On whose behalf are you testifying?

A: I am testifying on behalf of KCP&L Greater Missouri Operations Company ("GMO" or the "Company"). GMO is currently made up of the former Aquila – Missouri Public Service ("MPS") and Aquila – Light & Power jurisdictions ("L&P").

Q: What are your responsibilities?

A: My general responsibilities are to provide support for the Company's regulatory activities in the Missouri and Kansas jurisdictions. Specifically my duties include class cost of service support, rate design, tariff management, filing preparation, participation in regulatory rulemakings, and compliance reporting. I also manage certain analytical activities for the department including docket management system administration, rate change implementation, billing determinant calculation, and retail revenue calculation.

Q: Please describe your education, experience and employment history.

A: I hold a Master of Business Administration from Northwest Missouri State University and a Bachelor of Science degree in Engineering Technology from Missouri Western State University.

I joined KCP&L in August 2002 as an Auditor in the Audit Services Department. I moved to the Company's Regulatory Affairs group in September 2005 as a Regulatory Analyst where my primary responsibilities included support of our rate design and class cost of service efforts. I was promoted to my current position in November 2010.

Prior to joining KCP&L, I was employed by the St. Joseph Frontier Casino for two years as Information Technology Manager. Prior to St. Joseph Frontier Casino, I was employed by St. Joseph Light and Power Company for nearly 14 years. I held various technical positions at St. Joseph Light and Power Company, including Engineering Technician-Distribution, Automated Mapping/Facilities Management Coordinator, and my final position as Senior Client Support Specialist-Information Technology.

Q: Have you previously testified in a proceeding before the Missouri Public Service Commission ("Commission" or "MPSC") or before any other utility regulatory agency?

A: Yes, I have testified before the Commission as part of EX-2010-0169, a rulemaking proceeding concerning the renewable energy standard. Additionally, I have testified before the Kansas Corporation Commission as part of recent rate proceedings.

Q: What is the purpose of your testimony?

A: The purpose of my testimony is to:

I. Explain how the Company satisfied the MPSC's minimum filing requirements ("MFR") under 4 CSR 240-3.030 for this rate case filing;

II. Explain and support the Company's annualized/normalized revenues;

III. Explain the Impact Study of Uniform Rates performed by the Company;

IV. Explain the Electric Class Cost of Service Study;

V. Explain and support the Company's Electric Rate Design and the Consolidation of Rates;

VI. Explain the rate design related elements of the Consolidation of the Fuel Adjustment Clause ("FAC") Base;

VII. Explain the pre-Missouri Energy Efficiency Investment Act ("MEEIA") Cost Recovery and pre-MEEIA Opt-out provision;

VIII. Explain proposed changes to the Economic Relief Pilot Program ("ERPP");

IX. Explain and support the Company's alternate Unconsolidated Rate Design proposal; and

X. Provide a status of the Customer Care and Billing System (one CIS Project).

Q: Are there any aspects of this testimony that should be mentioned at this point?

A: Yes. This filing represents a consolidation of the MPS and L&P jurisdictions into a common GMO jurisdiction under a single rate structure. The following sections detail the support for that consolidated filing. Unlike traditional rate filings where the entire case has a consistent basis to calculate, support, and prove the proposed rate designs, this case will require support from both the old structures and the new structures to provide that support. From time to time within that support, the Company performed analysis of

the MPS and L&P jurisdictions and combined it for use in the filing. In other instances, support was constructed entirely on the basis of the proposed consolidation.

I. MINIMUM FILING REQUIREMENTS

Q: What is the purpose of this part of your testimony?

A: The purpose of this part of my testimony is to confirm that GMO has satisfied the MPSC's MFR, as set forth in 4 CSR 240-3.030.

Q: How did GMO satisfy the MFR?

A: The following information was prepared and attached to the Company's Application filed concurrently with this testimony, to address the specific requirements of the MFR as outlined in 4 CSR 240-3.030(3):

A. Letter of transmittal

B. General information, including:

1. The amount of dollars of the aggregate annual increase and percentage over current revenues;
2. Names of counties and communities affected;
3. The number of customers to be affected;
4. The average change requested in dollars and percentage change from current rates;
5. The proposed annual aggregate change by general categories of service and by rate classification;
6. Press releases relative to the filing; and
7. A summary of reasons for the proposed changes.

II. ANNUALIZED/NORMALIZED REVENUES

Q: Were the retail revenues included in this filing prepared by you or under your supervision?

A: Yes, they were.

Q: Will you describe the method used in developing the revenues for this case?

A: For the consolidated filing, revenues were calculated for the MPS and L&P divisions of GMO and then combined. Under this process, the methods used are consistent with methods used in prior GMO rate filings. Both the weather-normalized kWh sales and customer growth levels by rate class were developed by Company witness Albert R. Bass, Jr. Mr. Bass explains those figures in his Direct Testimony. The test year used by the Company in this case was 12 months ending June 30, 2015, which we expect will be updated for known and measurable changes through July 31, 2016. The monthly bill frequencies for the 12 months ending June 30, 2015, that contain the billing units for each of the billing blocks for the various rate components, were developed under my supervision. The preparation began by preparing the bill frequencies for the separate, MPS and L&P jurisdictions. These bill frequencies were developed by collecting the actual usage and customer counts billed in each month of the test period and applying them to the existing MPS and L&P rate structures. By applying the existing rates to the usage in each of the billing blocks, the revenues were reproduced, providing a basis for determining the overall revenues to be used in this case. The Company determined monthly revenues by applying the normalized sales and customer levels for each month represented in the test period to the corresponding billing frequency. This was done for each month. The sum of these revenues was compared to the actual revenues for the test

year ending June 30, 2015 and added together to determine the revenue adjustment contained in the Summary of Adjustments attached to the Direct Testimony of Company witness Ronald A. Klote as Schedule RAK-4 (adjustment no. R-20). The revenues calculated here became the primary measure to validate the consolidated rate design proposed by the Company and discussed later in this testimony.

Q: The Company has several riders in place to recover particular costs. How will these mechanisms affect the requested increase in this case?

A: The Demand-Side Investment Mechanism ("DSIM") is separate from the revenue requirement requested in this case. The FAC rider base amount has been re-based within the current revenue requirement. In addition to my additional testimony on the FAC, please see the Direct Testimony of Tim M. Rush for the primary details concerning the FAC in this case.

III. IMPACT STUDY OF UNIFORM RATES

Q: In GMO's previous rate case, ER-2012-0175, the Company agreed to study the impact of consolidating the MPS and L&P rates. Are you providing testimony in support of that effort?

A: Yes, I am.

Q: Please describe that support.

A: I will begin by reiterating the terms established in the ER-2012-0175 case. In the Non-Unanimous Stipulation and Agreement as to Certain Issues, the Company stipulated the following:

> *GMO will perform, prepare and file in its general electric rate case the results of a comprehensive study on the impacts on its retail customers of eliminating the MPS and L&P rate districts and implementing company-wide uniform rate classes, and rates and rate*

elements for each rate class, taking into account the potential future consolidation of GMO rates with those of KCPL. In this study, GMO will provide a distribution of rate impact on each of its customers of moving from MPS to L&P rate structures, and rate elements, and likewise, from L&P to MPS rate structures, and rate elements. If GMO would prefer a class rate structure that is different from a current MPS or L&P class rate structure, then individual customer impacts should be provided for the rate structure that GMO proposes.

To comply with these terms the Company implemented a specialized application that would allow the modeling of customer billing such that a comparison of the rates could be completed.

Q: Please describe how this specialized application was used.

A: The application, the Customer Revenue module by Utilities International, Inc. (hereafter, the "UI application"), was installed and configured with the rates and rate structures of MPS and L&P. Customer data for the respective jurisdictions was then processed by the UI application, under both of the structures, calculating a "bill" for each customer. Significant processing was required to convert the billing data and underlying billing mechanics (blocks, ratchets, minimums, and voltage adjustments) between the two rate structures to ensure equivalent comparison. The bills were then accumulated and compared to determine the overall impact of moving all customers under the MPS structure and moving all customers under the L&P structure.

Q: What was the outcome of that analysis?

A: The detailed results may be found in Schedule BDL-1 and the general results of the studies were as follows:

Table 1

	MPS Customers on L&P Rates		L&P Customers on MPS Rates	
	Impact ($)	**Impact (%)**	**Impact ($)**	**Impact (%)**
Residential	-2,828,718	-0.009%	-276,217	-0.35%
Small General Service	11,594,575	14.53%	-3,513,459	-24.90%
Large General Service	5,255,991	7.16%	-2,579,364	-7.92%
Large Power Service	2,017,694	2.38%	-4,290,277	-7.70%
Total	16,039,542	2.98%	-10,659,317	-5.87%

Based on the results of this analysis, it is feasible to merge the two rate structures, either MPS to the L&P structure or L&P to the MPS structure. In each case the impacts to customers vary from class to class. It would appear the impact to Residential customers would be reasonable but the impact to the Commercial and Industrial ("C&I") customer is less so. These impacts are the result of the current rate structures. Residential is very similar, differing mainly in the rate amount, while the Non-Residential rate structures are distinctly different.

Q: Were these results shared with the signatory parties to the Stipulation on this matter?

A: Yes. The Company has met five times with the parties to Case No. ER-2012-0175 to brief them on our plans, progress, and results of the consolidation review. The consolidation impact was the focus of the early meetings. Initially, we shared details concerning the implementation of the UI application, explaining how the application would work and provide the analysis needed. As the results became known, we shared

them with the same group, making sure the progress was on target with expectations. Finally, when complete, the comparison results were shared with the parties.

Q: Did the Company choose either of these alternatives for this filing?

A: No. The Company fully considered each alternative, weighing the merits of the two, current rate structures. In the end, the Company chose to propose a rate structure different than the current MPS or L&P structures and present it with this filing. In the later meetings with the Stipulation parties, details of the proposed consolidation were shared and comments heard. Due to the time required to process the final rate design and the dates established for this filing, we were not able to complete and share all detailed impact results at the customer level prior to filing the case but expect to continue work with the parties after the filing to review the impacts of the proposed consolidation.

Q: Did the Company comply with the terms set out in the Stipulation in Case No. ER-2012-0175?

A: Yes.

IV. ELECTRIC CLASS COST OF SERVICE STUDY

Q: Has the Company performed an electric Class Cost of Service ("CCOS") study for this case?

A: Yes, the Company performed a CCOS study representative of the consolidated GMO jurisdiction. Further, the Company prepared separate studies modeling the class costs for the MPS and L&P jurisdictions. A summary of the results of the Company's CCOS studies are attached and marked as Schedule BDL-2.

Q: Was the study prepared by you or under your direct supervision?

A: Yes, it was. Consistent with prior filings, the Company retained the services of Management Applications Consulting who performed the primary CCOS modeling using their proprietary software and data provided by the Company.

Q: Has the Company filed a CCOS in previous rate cases?

A: Yes. In all rate cases filed since July 2008 (Great Plains Energy Incorporated's acquisition of MPS and L&P), the Company has filed a CCOS study.

Q: What is the purpose of the CCOS study?

A: The purpose of the CCOS study is to directly assign or allocate each relevant component of cost on an appropriate basis in order to determine the contribution that each customer class and rate makes toward the Company's overall rate of return. The CCOS analysis strives to attribute costs in relationship to the cost-causing factors of demand, energy and customers.

Q: Would the CCOS study serve as the basis for the determination of increasing or decreasing overall revenue levels for GMO?

A: No. Determination of the revenue requirement requested in this case is accomplished using the jurisdictional model sponsored by Company witness Ronald A. Klote. The CCOS model uses the information from the jurisdictional model as an input for the primary purpose of exploring the distribution of costs to the respective classes.

Q: What classes are used as a basis for this CCOS study?

A: The primary classes the Company used in its analysis are Residential, Small General Service, Large General Service, Large Power Service, and Lighting. The Company also provided classes for General Time of Day Service and Thermal Service. Although

commonly associated with one of the other non-residential classes, the character of service to these customers is distinctly different than service to the other classes, it was decided to identify them separately. Additionally, the study includes details at the rate level, expressed by season.

Q: Do these classes and rates conform to the proposed electric rate tariffs?

A: Yes. The classes are unchanged in name from the current to the proposed structure. However, the demand levels that serve as "break points" between the classes and the rate level data modeled in the study are representative of the proposed, consolidated rates. This class alignment is explained later in this testimony.

Q: What test year was used for the CCOS study?

A: The study is based on a historical test year of the 12 months ending June 30, 2015, with known and measurable changes projected through July 31, 2016.

Q: What general categories of cost were examined and considered in the development of the CCOS study?

A: An analysis was made of all elements of cost as defined by the Federal Energy Regulatory Commission Uniform System of Accounts, including investment (rate base) and expense (cost of service) for the purpose of allocating these items to the customer classes. To achieve this allocation we begin by functionalizing and classifying costs.

Q: Please explain what you mean.

A: In order to make the appropriate assignment of costs to the appropriate class of customer, it is necessary to first group the costs according to their function. The functions used in the CCOS study were production, transmission, distribution, and other costs. The next

step was to classify the costs. Costs are classified as customer-related, energy-related, or demand-related.

Q: What do you mean by customer-related, energy-related and demand-related?

A: Customer-related costs are those costs necessary to provide electric service to the customer independent of any usage by the customer. Some examples of these costs include meter reading, customer accounting, billing and some investment in plant equipment such as the meter and service line, facilities that are all necessary to make service available. Portions of the distribution facility are separated between the customer costs and the demand costs.

Energy-related costs are directly related to the generation and consumption of energy and consist of such things as fuel and purchased power and certain transmission costs.

Demand-related costs relate to the investment and expenses associated with the Company's facilities necessary to supply the customer's full load requirements throughout the year. The majority of demand-related costs consist of generation, transmission plant and the non-customer portion of distribution plant.

Q: After the above classification of plant investment and operating costs into customer- energy- and demand-related components, what was the next step in the CCOS study?

A: The next step was to allocate each of the three categories of cost to each customer class utilizing allocation factors appropriate for each of the above categories of cost.

Q: How are the allocation factors generally determined?

A: Costs are evaluated to determine the cause driving the cost to be incurred and to establish an allocation method that best distributes the cost based on that causation. Customer-related costs are generally allocated on the basis of the number of customers within each class. Data for the development of the customer-related allocation factors came from Company billing and accounting records. Some of the customer-related accounts were allocated based on a weighted number of customers to reflect the weighting associated with serving those customers.

Energy-related allocation factors were derived on the basis of each customer classes' respective energy (kiloWatt hour) requirements. KiloWatt-hour sales to each customer class were available from Company records. The sales data were adjusted to reflect normal weather, system losses and unaccounted for, in order to assign the Company's total system output.

It should be noted that the allocation factors were reviewed and adjusted as needed to reflect the perspectives modeled with all CCOS studies offered by the Company. Particularly, in producing the consolidated study, the allocators were reviewed and confirmed as applicable to the consolidated view.

Q: How are class demand allocation factors generally determined?

A: The data necessary to develop class demand allocation factors (production and transmission) were derived from the Company's load research data. Such data consisted of the hour-by-hour use of electricity by each customer class throughout the study period.

Q: Was GMO's load research data used to develop any other allocators?

A: Yes, it was used to develop distribution plant allocators based on customer's non-coincident loads within each class.

Q: Did the consolidated GMO CCOS study require any change to the load research data?

A: The methods used to derive the load research data for the consolidated study were largely consistent with methods used in the past to prepare the MPS and L&P studies. However, since the relationships of the classes were changed, it required alignment of the load research samples with the proposed structure. Using actual customer demand, the existing load research sample points were reassigned to the classes based on the proposed characteristics of the consolidated classes. Further, since the overall sample was based on the current rate structures, a non-stratified ratio method was used to complete the analysis and expand the results to the Company level.

Q: Are any costs assigned directly to classes?

A: Yes. In those instances where the costs are clearly attributable to a specific class, they are directly assigned to that class.

Q: What method do you propose to allocate production plant?

A: Production plant is the single, largest component cost to allocate to the classes within the study. As such, the production allocator has the most impact on the outcome of the CCOS study. The Company reviewed industry data and information available within the public domain, including the National Association of Regulatory Utility Commissioners' "Electric Utility Cost Allocation Manual" published in January 1992. The Company reviewed an informal survey performed by the Edison Electric Institute on plant

allocation methods. Finally, we looked at testimony from recent Missouri and Kansas rate proceedings, exploring the positions offered by parties on the topic. The evaluation considered the three main categories of production allocation defined in the National Association of Regulatory Utility Commissioners ("NARUC") materials; Peak Demand, Energy Weighted, and Time Differentiated methods. After considering all allocation theories and ensuring that the selected method aligned with the principles of reflecting actual planning and operating characteristics, cost causation, recognizing the broad set of customer class characteristics and their usage, and producing stable results on a year to year basis, the Company selected the utilization of the Energy Weighted approach, specifically the Average & Peak Production Plant Allocation method, incorporating a four (4) Coincident Peak (CP) component. An Energy Weighted approach was viewed to be cost effective, balanced through its incorporation of energy, and less subjective than other methods. Utilization of the Average & Peak method is an energy-weighted method of production plant allocation that gives classes recognition for both usage and contribution to peak load.

Q: Has this allocation method been proposed before?

A: Yes. The Average & Peak method has been proposed by GMO in ER-2012-0175 and by KCP&L in ER-2014-0370, ER-2012-0174, and ER-2006-0314.

Q: How were the fuel costs associated with the production plant allocated in the CCOS study?

A: Fuel costs were allocated using a seasonal, monthly kWh allocator. Based on monthly fuel costs from the Company for the 12 months ended June 30, 2015, each month's fuel costs were allocated to each customer class's corresponding calendar month kWh sales

adjusted for losses. These allocated results were summed seasonally, by rate and major customer class to identify a proxy fuel allocator which was then used to allocate the actual fuel costs shown in the CCOS study.

Q: How were the off system sales margins that GMO receives from its external sales of energy allocated?

A: They were allocated using the Energy allocator.

Q: What method did you use to allocate transmission plant costs?

A: Transmission plant costs were allocated using a 12 CP average demand factor.

Q: What method did you use to allocate Distribution Plant?

A: Distribution Plant was allocated using a Non-Coincident Peak (NCP) demand allocator derived based on the use of NCP class demands for Primary Plant in Accounts 360 through Account 367. Also, Accounts 364, 365, 366 and 367 included methods to recognize primary and secondary voltage cost separation.

Q: What method did you use to allocate Line Transformers and secondary plant?

A: Line Transformers and secondary plant costs were allocated to customers receiving secondary service based on the weighted average of the diversified class demands (NCP) and undiversified individual customer maximum demands.

Q: What method did you use to allocate Services?

A: Since we consider services customer-related, these costs were allocated based on the customers total undiversified maximum customer demands.

Q: What method did you use to allocate Meters?

A: Meter costs, recorded to Account 370, are also customer-related and were allocated using an assignment of all meters and metering devices to customer rates.

Q: Did you include any other rate base elements in the study?

A: Yes, multiple rate base elements have been included. The following details their allocation:

- Additions to net plant included cash working capital, materials and supplies, prepayments, fuel inventory, and various regulatory assets.
- The cash working capital component of rate base was developed and allocated on related expenses or plant in the CCOS study.
- Materials and supplies were allocated on total plant.
- Prepayment items were allocated using total plant, customers, and demand allocation factors.
- Fuel inventory was allocated on energy.
- The regulatory assets were allocated on labor, energy, or demand allocation factors depending on the costs tracked.
- The accumulated deferred taxes were allocated on total plant.
- Customer advances for construction were allocated on total distribution plant.
- Customer deposits were developed using the data analysis by customer group available from the Company.

Q: What revenues did you use for this study?

A: The class and rate revenues were developed under my supervision and were discussed earlier in this testimony. Other sources of revenues such as Miscellaneous Revenues were allocated consistent with the revenue source.

Q: How were Operation and Maintenance ("O&M") Expenses allocated?

A: O&M Expenses were allocated using various methods dependent of the cost causation. O&M for production, transmission and distribution plant were allocated to customer classes following plant. Customer Accounts Expenses, Customer Services and Information Expenses, Sales Expenses, and Administrative and General Expenses were allocated based on the results of individual allocation studies. Administrative & General expenses were primarily allocated on the labor allocator with the exception of the following:

- Account 930.1, General Advertising, which was allocated based on the number of customers
- Account 928, Regulatory Commission expenses, which was primarily allocated to classes on revenues at the uniform claimed rate of return
- Accounts 931.2, Rents, 933, Transportation Expense, and 935, Maintenance of General Plant, which were allocated on general plant.

Q: What is the next step after the allocations are applied?

A: The next step is to determine the relative return on rate base for each of the classes and rates in the study. The ratio of class revenues less expenses (net operating income) divided by class rate base will indicate the rate of return being earned by the Company that is attributable to a particular class. It is necessary to keep in mind that this calculation only represents a snapshot in time. The results of the CCOS study will most likely vary over time. The results of the study will also vary if you apply different allocation factors to the study. By applying different methods to the allocation process, you can change the outcome of the CCOS study.

Q: What were the results of the consolidated CCOS study?

A: The jurisdictional rate of return was calculated to be 5.8%. Individual classes' rates of return at current rates vary, and based on the current costs, are shown in the following table.

Residential	Small General Service	Large General Service	Large Power Service	Other Lighting
5.1%	9.2%	7.7%	4.4%	10.8%

Q: If rates were changed so that GMO earned the same rate of return from each customer class, how much would each class's rates need to change?

A: To achieve the jurisdictional revenue increase of 8.17%, the classes should be adjusted by the percentages in the table below.

Residential	Small General Service	Large General Service	Large Power Service	Other Lighting
10.1%	-4.5%	0.2%	10.5%	-8.7%

Q: What were the results for the separate MPS and L&P studies?

A: Although the rates of return were different, aligned with the separate jurisdiction revenue requirements, the overall results were consistent with the consolidated study, and are detailed in Schedule BDL-2.

Q: What general conclusion can be made from these results?

A: The results of the CCOS study show that each class of customers recovers the cost of service to that class and provides a return on investment. The results also show the Residential and Large Power class revenues are below their cost level while the Small General and Large General class revenues are above. The revenues for the lighting class appear well above their cost.

Q: In addition to the class results, was the study used to provide any additional information?

A: Yes, another element of the study was to explore costs at the rate level and the season level. This unbundled data was utilized in preparing the consolidated rate design proposal offered in this filing.

Q: What were the results at the rate and season level?

A: Adding these multiple levels of detail increase the amount of data so it is best to present the results in the form of tables. Schedule BDL-3 is attached to provide that information. Review of the results show that the summer and winter rates for each class provide recovery of the cost of service and a return on the investment. The CCOS study demonstrates that rates charged during the winter, in nearly every case, provide a higher contribution to the average return on investment than the summer rates.

Q: Are you proposing any changes to the class revenues based on the results of the study?

A: Yes. In addition to the proposed consolidation of the rate structures and utilizing the results from the study prepared based on the Average & Peak production allocation; the Company has identified the following:

- Apply no increase to the Lighting class (unmetered),
- Apply the increase equally to the remaining classes (adjusted for pre-MEEIA opt-out revenues, discussed later in this testimony), and
- Increase the customer charges to reflect the full customer cost identified by the study.

Application of these proposals to the electric rates is discussed further in the rate design section of this testimony.

V. ELECTRIC RATE DESIGN – CONSOLIDATION OF RATES

Q: Are you sponsoring the electric tariffs filed in this case?

A: Yes, I am.

Q: Please summarize the proposed rate design recommendation for the electric tariffs and any additional proposed changes to the tariffs?

A: The Company is requesting an increase in rates of $59.3 million (8.17%). The Company is proposing that the requested increase be applied to all metered classes on an equal percentage basis.

In addition to the application of the increase, the Company is proposing a comprehensive, consolidation of the MPS and L&P rate structures into a common GMO rate structure. The proposed changes include:

Overall

- Bring the MPS and L&P rates together under a common GMO rate structure.
- Make the alignment of the non-residential rate classes consistent.
    - General Service for demands ranging from 0 to 150 kW
    - Large General Service for demands ranging from 150 to 500 kW
    - Large Power Service for demands 500 kW and greater
- Utilize voltage based rates, identifying unique pricing based on the character of service.
- Convert the retail rate tariffs to a group format, allowing better representation of similar rates.

Residential

- Retain two-part rates (Customer and Energy billing components).
- Set the customer charge at the full amount supported by the CCOS study.
- Retain seasonally differentiated energy charges.
    - Using guidance from the CCOS study, balanced by estimated customer impacts to set seasonal rate differentials.
- Freeze availability of Residential Time of Use ("TOU") rates. The Residential TOU rate current does not have any customers.

Commercial and Industrial (C&I)

- Deploy four-part rates for all demand-based rates (Customer, Facilities Demand, Demand, and Energy components). The current MPS and L&P rate structures include these components but not consistently across the two jurisdictions. This consolidation will discontinue the use of the Time of Use structure used for the Large Power class in the L&P area.
- Offer non-demand rate alternatives within the Small General Service rate for smaller non-residential customers with small electric loads and little opportunity to manage their demand.
- Seasonal demand and energy charges.
    - Using guidance from the CCOS study, balanced by estimated customer impacts to set seasonal rate differentials.
    - Use Hours-Use pricing for demand-based rates.
- Utilize a modified Annual Base Demand ("ABD") mechanism for further seasonal differentiation.

- Better balance the fixed/variable relationship within the non-residential rates by shifting the proportion of costs currently recovered from the energy rates to the facility and demand charges.

Special Rates (Time of Day, Time of Use, and Real-Time Pricing)

- Propose freezing or eliminating special rates not used or no longer functional.

Rules & Regulations

- Propose changes that will better align the rules & regulations with current costs or planned business practices. Changes that will continue to align the operations of all parts of the Company.

The specific, proposed changes to rates may be found in Schedule BDL-4 and the proposed non-rate changes to the tariff sheets can be found in Schedule BDL-5.

Q: How did the Company go about formulating this rate design proposal?

A: Efforts to prepare this rate design proposal essentially began back in 2013, following the order in the ER-2012-0175 case. At the time the Company purchased and implemented the UI application to allow the complex rate modeling anticipated at that time. The implementation required installation of the new system, development of interfaces to our billing systems, and configuration of the application to reflect the GMO rate structures and billing practices. Although its primary intent, the use of the UI application was not limited to this case. The UI application was used near the end of the cases by the KCP&L jurisdictions in the 2014/2015 Missouri and Kansas rate case filings to help model migration impacts.

A rate design team ("Team") was assembled within the Regulatory Affairs department to explore the rate design options and determine an appropriate alternative.

This Team conducted interviews of a broad cross-section of Company personnel, including many that interact directly with our customer groups, to evaluate attributes of our current rates. The Team also explored rate design literature, discussing many of the current trends and challenges to rate design. Utilizing this basis, the Team began the undertaking of designing the rate proposed here.

The Team adopted a set of critical considerations that would guide the rate design effort. These considerations are

- Provide Revenue Stability and Risk Mitigation
- Attempt to Implement Cost-Based Rates
- Minimize Customer Dissatisfaction and Continue Practice of Gradualism
- Simplify Rate Structures and Construct Consistent Rate Structures
- Consider Technology Advantages and Limitations
- Consider impact to Energy Efficiency and Demand Response Programs

These principals have been refined through multiple rate cases and have a fundamental relationship with the principles espoused by Dr. James C. Bonbright.[1]

Q: How did the Team attempt to balance the current rate structures with those proposed here?

A: The Team sought to be "evolutionary" with the rate design proposal. Knowing that customer understanding and internal implementation of the proposed rates would be improved if the rate structure components were familiar, the Team sought to use elements currently in place. By considering the current structures as "building blocks", the Team

[1] Bonbright, J.C. Principles of Public Utility Rates. New York, NY: Columbia University Press. 1961. Pages 290 through 294.

was able to pick the best elements and combine them in a new way, forming a new structure while not introducing wholly new concepts.

Q: What parts of the current Company's rates were retained?

A: The existing rate structures are generally good, meeting many of the critical considerations noted previously. Particularly, the four-part rate structure (customer, facilities, demand, and energy components), utilized by the legacy KCP&L – Missouri and Kansas jurisdictions for the C&I rates, provides a good opportunity to price the electric product more consistent with cost and the multiple components give customers significant information about the value of their usage. Use of a facilities demand component is particularly helpful. This component is designed to recover costs associated with installed distribution facilities, facilities that are often unique to the individual customer. Implementing the facilities charge based on a twelve-month demand ratchet ensures customers who impose demands on the electric system, pay the cost associated with those distribution facilities.

The Team noted that the ABD mechanism currently utilized by the MPS jurisdiction provides a useful means to reinforce seasonal pricing and further differentiate the demand and energy used by customers. For the consolidated rate design, the terms of the ABD mechanism are simplified and modified from those used at MPS. Currently, MPS utilizes three factors to determine the ABD levels for the monthly bill. Under this proposal, the Team determined nearly all customers are impacted by the 65% of summer maximum demand provision. For the consolidated rate design the Team proposes only using this single measure and incrementing the value from 65% to 100%. When

combined with the demand pricing proposed, the 100% factor will provide a more appropriate level of seasonal differentiation.

The Hours Use pricing for energy is another feature retained for the consolidated rate design. This mechanism, which is part of nearly all non-residential rates in KCP&L and GMO, is a time-tested ratemaking technique that seeks to recognize both load and energy in the energy rate component. Calculation of Hours Use is, in effect, calculating the load factor of the customer and recognizing the benefit to the system of higher customer load factor. In a way, the Hours Use rate provides the effect of dynamic pricing that essentially creates a unique rate for each customer billed.

Q: Were there any part of the current rates that caused the Team concern?

A: Yes. The first concern was with the special rates such as Time of Day and Real Time Pricing. Our review revealed that these special rates are not working as intended and have little customer adoption. The Company has similarly proposed freezing these rates in other cases, and received approval to freeze these rates to new customers. The Company has been working with Electric Power Research Institute (EPRI) and other third parties to evaluate dynamic rates and explore more appropriate designs. Until that effort is completed and the infrastructure provided by the Automated Metering Infrastructure, Meter Data Management, and Customer Care & Billing systems are in place to support dynamic rates, the Company is proposing to freeze the availability of these special rates.

Another concern identified was with the rate codes used to name the rates and indicate them on the Customer bill. Both MPS and L&P used a number-based format to name the rates. This method was born during the apex of the Utilicorp (predecessor to

Aquila) expansion when the company operated in multiple jurisdictions serving multiple types of utility services. While beneficial then, the number format does little to help with our current rate administration. For the consolidated rates the Company proposes a naming convention that uses a letter basis to help differentiate the rates. The proposed rate names will include letters to help discern class, service type, and in some cases voltage. For example, the previous MPS Residential General Use rate code was MO860 and L&P was MO910. Under the proposed naming, the code would be MORG, representing Missouri Residential General use. A complete listing of the current rates and the proposed, consolidated rate names may be found in Schedule BDL-6.

The final, but most impactful concern identified was with the way our rates are aligned with costs. The current rates are configured such that a high percentage of revenue is recovered via the variable, energy charge. However, the Company has a large amount of costs that are fixed and do not fluctuate with energy usage. Estimates note that about 80% of our costs could be considered fixed or unrelated to volumetric consumption. By contrast, our current residential rates are configured such that as high as approximately 91% of our revenues are collected through "per kWh" or variable rates. The means of revenue recovery is nearly the exact opposite to the way the costs are incurred. The proposed consolidated rates make gradual movement toward correcting this imbalance between cost causation and recovery.

Q: Please describe why it is appropriate to align costs with the cause of the cost?

A: At its core, cost recovery and causation alignment is used to keep rates equitable and avoid distortion within the rate. When cost elements are out of alignment, it is likely that costs will not be properly recovered through the rate. For example, if the rate collects

significant proportions of revenue through the variable charge, reductions in usage will cause an immediate under-recovery for that rate for the utility. Over time, within a customer class, when some customers reduce usage and others do not, the customer with the remaining usage ends up covering the fixed costs for the customer that avoided the associated rates or charges, despite the fact that both customers benefited from the infrastructure investment that fixed charge is designed to recover.

Price distortion is the other result of a misaligned rate. Distortion occurs when the price does not reflect the cost and results in an incorrect price signal being sent to the customer. In the example where a rate collects significant proportions of revenue through the variable charge, a customer might perceive that the "per kWh" value of energy is higher than it truly is. This is highlighted when you compare the energy rate paid by Residential customers versus C&I customers. Comparison of the rates paid generally will show that the per kWh charge paid by a Residential customer is significantly higher than that paid by a C&I customer. A primary contributor to that differential is the fact that many fixed costs, normally recovered through customer, facility, or demand charges applied to the C&I customer are combined into the Residential energy price.

Q: How do rates get out of alignment?

A: Misalignment is largely the result of pricing with limited numbers of rate components combined with other policy considerations overriding any alignment desire. For Residential customers, there are only two rate components in the structure, the customer charge and the energy charge. All revenue recovery is accomplished through the two. By contrast, the C&I rates have up to four components, the customer charge, facility charge, demand charge, and energy charge. In this design, the customer, facility, and demand

charges carry their representative portions of the fixed charge. Under the limited components of the Residential structure, the choice is between the customer charge or the energy charge. It is in this decision where policy consideration makes its impact. There has been a long tradition of maintaining relatively low customer charges; as a result, nearly all of the Residential fixed costs have been included in the energy charge.

Q: What is the risk associated with this misalignment?

A: From the Company perspective, reductions in usage, driven by reduced customer growth, energy efficiency, or even customer self-generation, result in under-recovery of costs. Growth would have compensated or completely covered this shortfall in the past. With the accelerating deployment of initiatives that directly impact customer growth, it is becoming increasingly apparent that this risk of immediate under recovery is quite significant. On the customer side, the problem with alignment can occur for multiple reasons but is most clearly shown through the implementation of distributed generation. When a customer deploys distributed generation at their location, they are often able to avoid most, if not all of their annual energy bill. The revenues originally received from that customer are now avoided due to distributed generation. In future rate cases, those costs are spread to the remaining customer usage and borne by customers without distributed generation.

Q: Does the Company proposal totally achieve proper alignment of fixed/variable costs alignment in rates?

A: No, nor was that the goal of this effort. The impact of such alignment would be too much to bear for customers billed under the misaligned rates for so long also the Company does not believe complete alignment is a practical result. The best that should be

accomplished is to make gradual progress toward a more balanced alignment of cost recovery with causation. As part of the rate development for the consolidated proposal, we began with cost-based pricing but tempered those prices, sometimes significantly, to manage the overall impact to customers. In the end, the Company made progress in aligning the rates. Using the previous MPS rates for comparison, the following recovery proportions are expected under the consolidated rates:

Table 2

	Cost Recovery (MPS – 2012)		**Cost Recovery (Proposed)**	
	Fixed	**Variable**	**Fixed**	**Variable**
Residential	8.9%	91%	12%	88%
Small General Service	21.1%	78.9%	26.2%	73.8%
Large General Service	15.7%	84.3%	19%	80.9%
Large Power Service	21.4%	79.6%	32.7%	67.3%

Q: How did you determine the revenue targets for the rate design?

A: As mentioned previously, the revenues for this case were established by combining the revenues produced by the current MPS and L&P rates and billing determinants. The simple combination of these separate revenue amounts created the basis for the consolidated class revenues. These revenue amounts were then incremented to include the requested revenue increase. Please see Schedule BDL-7 for a summary of the revenues.

Q: How did you then determine the billing determinants for the rate design?

A: The billing determinants for the consolidated rates were produced by processing the separate, MPS and L&P determinants through the UI application, and the structures of the proposed consolidated rates. This processing reassigned the determinants based on the new blocks, minimums, and ratchets, to build up the final consolidated determinants. The consolidated kWh determinants were reconciled back to the original, separate determinants to ensure consistency. Differences were observed but explained due to assignment of rates to new classes or differences in the class weather normalization.

Table 3

	Unconsolidated		Consolidated		Diff	
	kWh	%	kWh	%	kWh	%
RESIDENTIAL TOTAL	3,446,591,370	43.0%	3,444,337,862	43.0%	(2,253,507)	-0.065%
SMALL GEN SVC TOTAL	871,666,160	10.9%	872,743,621	10.9%	1,077,461	0.124%
LARGE GEN SVC TOTAL	1,303,726,571	16.3%	1,293,898,565	16.1%	(9,828,006)	-0.754%
LARGE POWER TOTAL	2,323,964,566	29.0%	2,329,829,267	29.1%	5,864,701	0.252%
GENERAL TOD SVC TOTAL	502,101	0.0%	502,101	0.0%	-	0.000%
THERMAL SVC TOTAL	7,304,788	0.1%	7,304,788	0.1%	-	0.000%
Metered Lighting Total	1,401,986	0.0%	1,401,986	0.0%	-	0.000%
GMO Lighting TOTAL:	64,604,262	0.8%	64,870,213	0.8%	265,952	0.412%
	8,019,761,803	100.0%	8,014,888,404	100.0%	(4,873,399)	-0.061%

The remaining step was to establish consolidated rates that, when applied to the consolidated determinants, would produce the consolidated revenues.

Q: Were you then able to determine the rates for this filing?

A: Not initially. Since we began the rate design analysis very early in the rate case process, a number of things needed to come together before the final rates could be determined, particularly the revenue requirement determination and the CCOS studies based on the test year data. Since that information was not yet available and we needed to test the rate designs to confirm our plans, we chose to perform a series of initial designs using data from the ER-2012-0175 case. The separate MPS and L&P data was combined to the best of our ability and used to test the rate design proposals being considered at the time.

With this effort, an initial rate design plan was defined. Once the test year data was available, the team focused on verifying the initial plan and designing the final consolidated rates.

Q: Please provide more detail concerning the consolidated Residential rates?

A: Consolidation of the Residential rates was a relatively straight-forward effort. As the consolidated rate design reflected the attributes of the existing MPS and L&P rates, the focus was to get the pricing correct. The effort began with the customer charge. As detailed in recent proceedings, the Commission appears to support setting the charge at the level where the full customer-related cost would be recovered. Turning to the CCOS study to quantify the cost, the Company set the residential customer charge at $14.50. Although the Company still believes some further adjustment of the fixed costs embedded in the residential variable energy charge is needed, no specific proposals are made in this case.

Turning to the energy charge, the Company retained the seasonal, three-block design used in the current MPS and legacy KCP&L jurisdictions. The proposed consolidated rates include a flat, summer price with a declining winter price. Initially, the Company considered using rates derived from the CCOS study for the consolidated proposal, however, initial analysis established these rates were too aggressive, producing extreme impacts on customers. In turn, the rate design was modified, bringing the rates much closer to the current MPS and L&P rates, allowing the rate design to reproduce the expected revenues without the severe impact to customers.

Q: What is the impact of the Residential class proposal?

A: At the class level, the Residential class will experience an increase equal to the overall requested increase. Within the class, the increased customer charge and the fact MPS and L&P customers will be moving from different, initial rates, the proposal will result in different increases for the different rates. To help clarify the impacts the following table details the impacts to typical customers served under the rates:

Rate	Description	Typical Increase (Former MPS)	Typical Increase (Former L&P)
MORG	General Use	8.18%	8.24%
MORH	One Meter Heating	10.16%	9.15%
MORO	Other Use	6.19%	4.65%

Q: Are there any other aspects of the Residential class proposal you wish to explain?

A: Yes. The Company proposes to revise the energy pricing of the Residential Other Use rate to align it between the Residential and Small General Service rates. The Residential Other rate is intended to serve customers with loads that are residentially related but are not associated with a primary premise or home. For example, water well pumps, barns, machine sheds, garages, and workshops not connected to the customer dwelling.

Further, the Company proposes to freeze availability of the Residential TOU rate. The Residential TOU rate currently has no customers and does not perform as it should. Similar to the request which was ultimately ordered within the recent KCP&L-Missouri rate case, GMO wishes to discontinue the rate until a suitable replacement can be developed. A successful rate will be dependent on further study and the implementation of the infrastructure provided by the Automated Metering Infrastructure, Meter Data Management, and Customer Care & Billing systems. Until those are in place to support TOU and other dynamic rates, the Company is proposing to freeze the availability.

Q: Please provide more detail concerning the rate designs for the C&I Rates.

A: Consolidation of the C&I rates was significantly more complicated than the Residential consolidation. Beside the rates being more complex than residential rates, there were various structural differences between the jurisdictions that would impact consolidation. To begin, the definitions of the classes were inconsistent. A customer in the Small General Service class at MPS with greater than 40kW of demand would be considered a Large General Service customer at L&P. Before common rate designs could be explored, it was needed to get the customers into consistent classes. New demand "break points" were established for the classes, setting the Small General Service range from 0 to 150 kW, the Large General Service range from greater than 150 to 500kW, and the Large Power for demands over 500kW. This realignment of the classes occurred not only for the rate design but for all of the related models and processes, particularly the load research processes and the CCOS study.

Additionally, the MPS and L&P jurisdictions took varied approaches to their rate designs for the larger C&I customers. MPS used a traditional, multi-part, blocked rate while L&P used a Time of Use rate. The Team examined these options, determining that moving all of these customers to a common rate design made the most sense.

To find a rate design that would be appropriate for the consolidation, we began by looking within the MPS and L&P rates themselves. We noticed elements, although inconsistently applied, that seemed appropriate for our proposal. For example, a customer charge was used at MPS but not L&P. In L&P, the rates included a facilities charge, but not at MPS. The differences continued with the use of ABD for seasonal demand and energy determination at MPS but nothing similar for L&P.

Turning to the KCP&L Missouri and Kansas rates, we took note of the four-part design. As noted earlier in this testimony, the four-part rate provides a method to price electric service consistent with the main cost categories and give customers significant information about the value of their usage. In preparing the consolidated proposal, using a four-part design, inclusive of the customer charge, facility charge, demand charge, and energy charge, would provide a consistent rate structure for nearly all non-residential customers in the KCP&L-related companies and a rate design only somewhat different from the current MPS and L&P rates.

Q: Did the Company have similar fixed/variable concerns for the C&I rates as were expressed for the Residential rates?

A: Yes. The misalignment described for the Residential class occurs in the C&I rates as well. However, in the past there has been a greater risk to changing the C&I rates as customers could migrate if impact relationships between the classes are not monitored. With the deployment of the UI application, the Company can now model and better predict the impact of rate designs that adjust the fixed/variable relationships. With this effort, initial rate designs based on the consolidated structures and using rates based on the CCOS study results, were modeled and found to cause severe migration within the classes. The Team then progressively adjusted the rate designs to adjust the fixed/variable relationship. Multiple design iterations were used, fine tuning the relationships between the rates to produce the target revenue while minimizing the migration of customers.

Q: Were you able to eliminate migration between the classes?

A: No, nor did we expect to. Early in the effort it became clear that it would be impossible to simply assign customers to a new rate and expect that it would represent the "best rate" for that customer. Given the design of the proposed rate structure, particularly the use of minimum charges, it was expected that many customers would receive a lower rate by migrating to an adjacent rate. Our goal became to minimize the migration as much as practical, but accept that ultimately this "best fit" effort would result in the movement of customers and the revenue they are expected to produce. To ensure the revenue requirement requested could be obtained, the outgoing and incoming class revenue flows were identified and used to modify the base revenues and establish adjusted class revenue targets. The adjustment was made such that he class receiving the migrating customers would bear the revenue impact of this migration. Please see Schedule BDL-6 for details concerning the migration adjustments.

To verify the final rates would produce the target revenue, proposed rates were applied to the billing determinants to calculate revenues. These rates were also modeled in the UI application to determine the customer impact. Multiple iterations were used to achieve a combination of rates that would minimize customer impacts and reduce migration while producing the needed revenues. As expected, migration was not eliminated, customers are expected to move, both between classes and within the classes. However, the proposed rates, adjusted to reflect impacts of the migration, produce the revenues requested in this filing. Schedule BDL-7 also includes the validation of the rate design.

Q: Does the Company propose any changes to the GMO Lighting class?

A: No**.** As mentioned previously, the CCOS studies indicated the unmetered Lighting class did not need to be increased. Further, the Company is on the verge making a filing to introduce Light Emitting Diode ("LED") lighting in all jurisdictions. It is expected that the filing will request approval to systematically replace existing High Pressure Sodium ("HPS") and Mercury Vapor roadway lighting with LED fixtures. Further, it is expected that an LED alternative will be introduced for Private Area Lighting. As this conversion to LED fixtures will impact the Lighting rates in their entirety, the Company believes it best to present the changes to the Commission in a single, integrated proposal. At the time of the planned LED filing, the Company expects to propose tariffs that will make the LED fixtures the default roadway and area lighting type and limit the further availability of HPS alternatives. Filing the Lighting proposal as part of a tariff filing would provide the Company the ability to start the conversion sometime in 2016.

Q: What is the Company proposing concerning its Rules and Regulations?

A: The Company has reviewed its Rules and Regulations and identified a number of changes to propose in this case. In general, the Company is seeking to clean up the rules and regulations and propose changes to better align the Rules & Regulations with current costs or consolidated business practices. Specific details concerning the proposed changes are found in Schedule BDL-8.

Q: Are you proposing any additional tariff changes?

A: Yes. A number of changes are being proposed, most linked to format, presentation, and general clean-up. The following are the general changes proposed:

1. An additional, topic-based table of contents page added to supplement the existing sequential table of contents.

2. A new structure is proposed for the GMO Residential, General Service, Large General Service, and Large Power tariffs. The Company proposes a structure similar to that used by KCP&L-Missouri where the rates are grouped by class. In this structure, the rates serving a coming class are grouped so they share common terms and conditions. The Company believes this format is cleaner and more easily understood than the structure used at MPS and L&P where nearly every rate was detailed on its own page. At minimum, the grouped structure will eliminate significant duplication of terms in the tariffs.

3. The rate precision used on the tariffs will be standardized to use two digits of precision for customer charges, three digits for demand-related charges, and five digits for energy-related charges. This change will make the presentations of rates consistent within the Missouri jurisdictions and give the Company more precision for its rate design efforts. The current precisions, particularly the four digit precision of the energy charges, limits rate design efforts.

4. An Unmetered rate in the Small General Service class. An unmetered rate exists in the KCP&L – Missouri and KCP&L – Kansas jurisdictions and it has been found to be useful in serving very small loads where the Company deems metering is impractical. The rate is based on the Small General Service Secondary rate and billed based on calculated usages.

VI. CONSOLIDATION OF FAC BASE

Q: Is the Company proposing a consolidation of the FAC?

A: Yes. New FAC tariffs reflecting the consolidation are included in the filing. References to the FAC were not specific to either jurisdiction, so the references will remain and will be used to reflect the proposed consolidated FAC. Details of how the consolidation is achieved are discussed in the testimony of Mr. Tim Rush.

VII. PRE-MEEIA COST RECOVERY/PRE-MEEIA OPT-OUT

Q: Would you please describe the Pre-MEEIA issues as they relate to this rate design?

A: Witness Tim Rush also discusses this issue, but with respect to the rate design, GMO filed its MEEIA application on December 22, 2011, and received Commission approval on November 15, 2012 for programs to become effective November 25, 2012. GMO has been offering demand-side management programs prior to MEEIA since 2008. Based on interpretation of the MEEIA statutes and a subsequent Stipulation in Case No. EO-2014-0029, dated September 23, 2013 entered into by KCP&L, established that qualifying non-residential customer could opt-out of energy efficiency programs, both MEEIA and pre-MEEIA. This decision was adopted and applied to GMO. When a customer successfully opts-out, the revenue recovery for MEEIA and pre-MEEIA programs is borne by the remaining customers. For MEEIA, this is accomplished through the Demand-side Investment Mechanism rider. For pre-MEEIA, where the revenues are "embedded" into base rates, these adjustments are accomplished within the rate design.

Q: Please explain how the adjustment is applied.

A: First, in accordance with the opt-out procedures specified in Commission Rule 4 CSR 240-20.094(6) a customer may express their desire to not be charged for demand-side

recovery. Once the opt-out request period ends and the customers are confirmed, the Company determines the pre-MEEIA lost recovery associated with the opt-out customers. It is a simple calculation where the amount of pre-MEEIA costs included in the Company's revenue requirement is divided by the non-lighting kWh to define a per kWh rate. This per kWh rate is applied to the test year energy associated with the opt-out customers. The resulting revenue amount is divided between the non-residential, non-lighting classes and added to the revenue requirement for the class. For this consolidated filing, the pre-MEEIA rate was determined to be $0.00007 per kWh based on the pre-MEEIA amortization amount of $587,974 and a total kWh of 7,948,616,204. With 695,986,610 kWh of energy associated with opt-out customers, the lost recovery amount to be collected from other customers is $51,483. This adjustment is reflected on the Revenue Summary offered in Schedule BDL-7.

VIII. ECONOMIC RELIEF PILOT PROGRAM

Q: What is the ERPP?

A: The ERPP is a customer assistance program established in case ER-2009-0090 to provide a way to help lower income customers keep their accounts current. The ERPP delivers up to a fifty dollar per month "fixed credit" to low-income customers—improving energy affordability. The ERPP is to provide up to one thousand participants, with fifty percent of the costs of the program deferred until GMO's next rate case.

Q: How is the Company proposing to modify the ERPP in this case?

A: In this case, GMO is proposing to leave the participation level to 1,000 customers, similar to that previously agreed to in Case No. ER-2012-0175. However, similar to the terms ordered in KCP&L's recent 2015 case (ER-2014-0370), GMO is proposing an increase in

the available monthly bill credit from $50 to $65. Further, the Company proposes to change the availability limits for the program to 200% of the federal poverty level.

IX. UNCONSOLIDATED RATE DESIGN SUPPORT

Q: The proposed consolidation of the MPS and L&P rates represents a comprehensive change to the rates of GMO. Did the Company prepare an alternative to the consolidation plan?

A: The Company believes the time is right to consolidate the GMO rates and that the consolidation can occur without dramatic impacts to customers or to the Company. The Company truly hopes this opportunity will be accepted and implemented before conditions change, making a later consolidation more challenging. However, understanding that reasonable minds may disagree; the Company believes it is prudent to make a contingency available. As part of this testimony, in Schedule BDL-9, I have prepared an unconsolidated rate design that could be adopted in the event the consolidated proposal is rejected. With this unconsolidated design, the revenue requirement identified through the separate MPS and L&P jurisdictional models prepared by Company witness Mr. Ron Klote, has been applied to the existing MPS and L&P rates and rate structures. The Company has carried its proposed customer charge increase into this unconsolidated view, although based on the costs supported by the separate MPS and L&P CCOS studies. The Company would continue to request approval of the non-consolidation elements of the filing such as the Rules & Regulations changes. Further, as part of the same Schedule, we have included unconsolidated versions of the rate design-related portions of the MFR if needed.

X. CUSTOMER CARE & BILLING SYSTEM

Q: Earlier in your testimony you mentioned the Company's effort to implement a new billing system. What is the status of that effort?

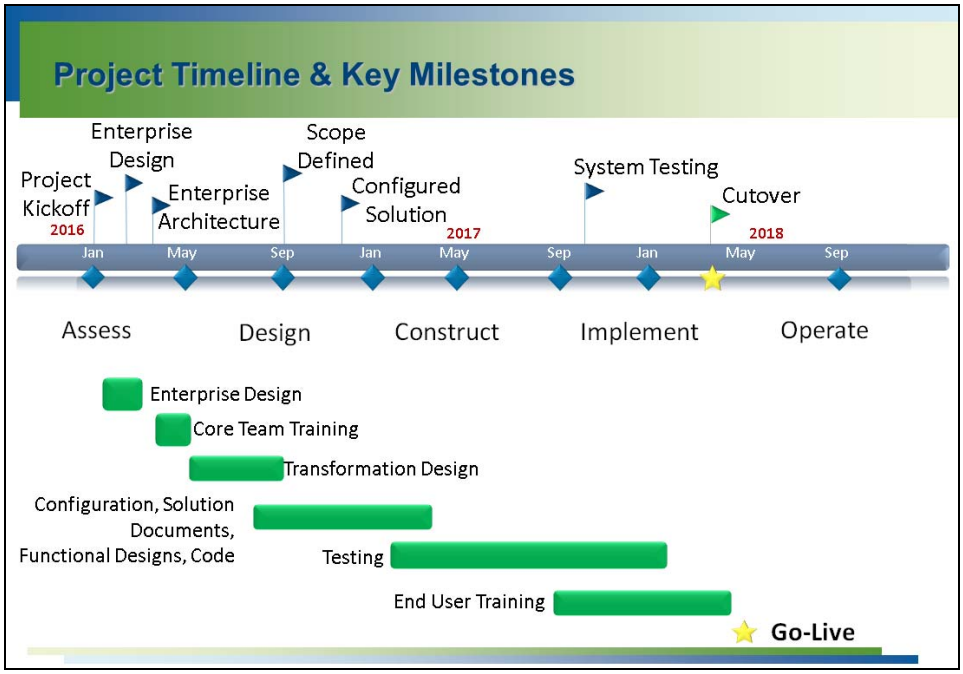
A: The Company has formally kicked-off its efforts to implement a new billing system, named the "one CIS" project. The system, the Customer Care & Billing system offered by Oracle Utilities, will be used to provide billing and customer care to GMO and KCP&L customers. The Company has planned a multi-year implementation; currently expect to be completed in 2018.

The project has three primary goals:

- Enhance Customer Experience
  - Advanced interaction with our customers and their needs,
  - Understand customers behavior and provide new products, technology and rate choices, and
  - Increased levels of customer care will increase satisfaction through personal and online interactions for both residential and C&I customers.
- Improve Operations
  - Flexibility in business operations (rates, process improvements),
  - Enable connected grid operations (AMI, Outages, Energy Efficiency devices),
  - Customer knowledge is enhanced through data access, analytics and data sources, and
  - Highly customized, 2 systems, are replaced with 1 configurable system/platform.
- Reduce Risk and Costs to KCP&L
  - Aging technology puts revenue stream at risk,
  - On-going support costs continue to increase while maintaining two legacy CIS systems, and
  - Nearly 50% of CIS support team are retirement eligible which jeopardizes institutional knowledge and skill sets.

As noted, the project will require approximately two years to complete. Below is a proposed timeline for the implementation.

Table 4



During this time, dozens of KCP&L employees will be working full time to achieve the implementation. Their efforts, along with the efforts of Oracle as the software provider, PriceWaterhouse Coopers as the systems integrator, and Ernst & Young providing independent project oversight, will contribute to the success of the project.

As the successful implementation of the system is necessary for the Company to consider and successfully implement many of the special, dynamic rate design being considered in the industry, I believed it was important to include this status in testimony.

Q: Does that conclude your testimony?

A: Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of KCP&L Greater Missouri Operations Company's Request for Authority to Implement A General Rate Increase for Electric Service	)))	Case No. ER-2016-0156

AFFIDAVIT OF BRADLEY D. LUTZ

STATE OF MISSOURI)
) **ss**
COUNTY OF JACKSON)

Bradley D. Lutz, being first duly sworn on his oath, states:

1. My name is Bradley D. Lutz. I work in Kansas City, Missouri, and I am employed by Kansas City Power & Light Company as Manager – Regulatory Affairs.

2. Attached hereto and made a part hereof for all purposes is my Direct Testimony on behalf of KCP&L Greater Missouri Operations Company consisting of forty-three (43) pages, having been prepared in written form for introduction into evidence in the above-captioned docket.

3. I have knowledge of the matters set forth therein. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded, including any attachments thereto, are true and accurate to the best of my knowledge, information and belief.

Bradley D. Lutz

Bradley D. Lutz

Subscribed and sworn before me this 23rd day of February, 2016.

Nicole A. Wehry

Notary Public

My commission expires: Feb 4 2019

NICOLE A. WEHRY
Notary Public - Notary Seal
State of Missouri
Commissioned for Jackson County
My Commission Expires: February 04, 2019
Commission Number: 14391200

GMO Rate Consolidation
Best Fit Summary - MPS Customers to L&P Rates

Home Rate Description		Compare Rate Codes	Home Rate Revenue	Best Fit Revenue	Revenue Retained	Revenue from Other Rates	Revenue Change ($)	Revenue Change (%)
YE-Sep - 2011								
GMO-MPS								
MO815: MPS-Residential Other Use		MO915	374,919	368,347		368,347	(6,572)	(1.75%)
MO860: MPS-Residential General Serv		MO910	180,151,963	178,080,228		178,080,228	(2,071,735)	(1.15%)
MO865: MPS-Net Metering Residentl-Gen		MO965	20,187	19,967		19,967	(220)	(1.09%)
MO866: MPS-Net Metering Residntl-Heat		MO966	16,911	16,972		16,972	61	0.36%
MO870: MPS-Residential El Space Heat		MO920	118,811,011	118,060,759		118,060,759	(750,252)	(0.63%)
	Residential Subtotal		299,374,991	296,546,273		296,546,273	(2,828,718)	(0.94%)
MO710: MPS-Small Gen Svc-No Demand		MO930	8,868,453	11,253,784		11,253,784	2,385,331	26.90%
MO711: MPS-Small Gen Svc-Secondary		MO931, MO940	70,687,465	79,874,090		79,874,090	9,186,625	13.00%
MO716: MPS-Small Gen Svc-Prim FROZEN		MO931, MO938	27,581	31,444		31,444	3,863	0
MO728: MPS-Temporary Service		MO928	204,346	222,976		222,976	18,630	9.12%
MO867: MPS-Net Metering SGS No Demand		MO967	760	886		886	126	16.58%
MO868: MPS-Net Metering SGS Demand		MO968						
	SGS Subtotal		79,788,605	91,383,180		91,383,180	11,594,575	14.53%
MO720: MPS-Large Gen Svc - Secondary		MO931, MO940, MO944	71,551,621	76,454,878		76,454,878	4,903,257	6.85%
MO722: MPS-Net Metering LGS Secondary		MO931, MO942, MO944	47,054	44,500		44,500	(2,554)	(5.43%)
MO725: MPS-Large Gen Svc - Primary		MO931, MO938, MO945	1,809,062	2,164,350		2,164,350	355,288	19.64%
	LGS Subtotal		73,407,737	78,663,728		78,663,728	5,255,991	7.16%
MO730: MPS-Large Power Svc-Secondary		MO940, MO944	43,889,968	44,197,645		44,197,645	307,677	0.70%
MO732: MPS-Net Metering LPS Secondary		MO940, MO944	136,701	152,735		152,735	16,034	11.73%
MO735: MPS-Large Power Svc-Primary		MO938, MO945	40,827,821	42,521,805		42,521,805	1,693,983	4.15%
	LPS Subtotal		84,854,491	86,872,185		86,872,185	2,017,694	2.38%
	GMO-MPS Subtotal		537,425,824	553,465,366		553,465,366	16,039,542	2.98%

No Customers

RC - Summary - MPS Customers - MPS vs LP Rates Bill Totals - 2013 Rates	Compare Rate Codes	GMO-MPS	GMO-L&P	Revenue Change ($)	Revenue Change (%)	Total Customers/Bill
YE-Sep - 2011						
GMO-MPS						
Bill Total - w/o FAC						
MO815: MPS-Residential Other Use	MO915	374,919	368,347	(6,572)	(1.75%)	8,416
MO860: MPS-Residential General Serv	MO910	180,151,963	178,080,228	(2,071,735)	(1.15%)	1,643,313
MO865: MPS-Net Metering Residentl-Gen	MO965	20,187	19,967	(220)	(1.09%)	146
MO866: MPS-Net Metering Residntl-Heat	MO966	16,911	16,972	61	0.36%	166
MO870: MPS-Residential El Space Heat	MO920	118,811,011	118,060,759	(750,251)	(0.63%)	879,540
Residential Subtotal		299,374,990	296,546,274	(2,828,717)	(0.94%)	2,531,581
MO710: MPS-Small Gen Svc-No Demand	MO930	8,868,453	11,253,784	2,385,331	26.90%	100,673
MO711: MPS-Small Gen Svc-Secondary	MO931	70,687,465	85,687,649	15,000,184	21.22%	234,077
MO716: MPS-Small Gen Svc-Prim FROZEN	MO931	27,581	36,493	8,912	32.31%	36
MO728: MPS-Temporary Service	MO928	204,346	222,976	18,631	9.12%	3,639
MO867: MPS-Net Metering SGS No Demand	MO967	760	886	126	16.53%	13
MO868: MPS-Net Metering SGS Demand	MO968					
SGS Subtotal		79,788,605	97,201,789	17,413,184	21.82%	338,438
MO720: MPS-Large Gen Svc - Secondary	MO940	71,551,621	76,680,852	5,129,231	7.17%	17,006
MO722: MPS-Net Metering LGS Secondary	MO942	47,054	48,591	1,537	3.27%	11
MO725: MPS-Large Gen Svc - Primary	MO938	1,809,062	2,185,512	376,450	20.81%	256
LGS Subtotal		73,407,737	78,914,955	5,507,218	7.50%	17,273
MO730: MPS-Large Power Svc-Secondary	MO944	43,889,968	44,218,519	328,551	0.75%	1,603
MO732: MPS-Net Metering LPS Secondary	MO944	136,701	152,735	16,034	11.73%	12
MO735: MPS-Large Power Svc-Primary	MO945	40,827,821	42,597,446	1,769,624	4.33%	465
LPS Subtotal		84,854,491	86,968,700	2,114,209	2.49%	2,080
Total GMO-MPS		**537,425,823**	**559,631,718**	**22,205,895**	**4.13%**	**2,889,372**

No Customers

Year End September 2011 with Weather Normalization and Customer Growth at March 2012 (True-Up)

RC - Summary - MPS Customers - MPS vs L&P Rates Bill Totals - 2013 Rates	Compare Rate Codes	<= -50%	-50% to -40%	-40% to -30%	-30% to -20%	-20% to -10%	-10% to 0%	0% to 10%	10% to 20%	20% to 30%	30% to 40%	40% to 50%	>= 50%	Total Customer Bills
YE-Sep - 2011														
GMO-MPS														
Bill Total - w/o FAC														
MO815: MPS-Residential Other Use	MO915			3,501	1,045	1,046	1,018	1,027	520	250	10			8,416
MO860: MPS-Residential General Serv	MO910						1,123,421	519,892						1,643,313
MO865: MPS-Net Metering Residentl-Gen	MO965					1	92	53						146
MO866: MPS-Net Metering Residntl-Heat	MO9	1			10	21	58	74	1			1		166
MO870: MPS-Residential El Space Heat	MO920				43,522	150,580	237,567	443,053	4,818					879,540
Residential Subtotal		1	-	3,501	44,577	151,648	1,362,155	964,099	5,339	250	10	1	-	2,531,581
MO710: MPS-Small Gen Svc-No Demand	MO930							29,043	34,786	18,490	5,624	3,463	9,266	100,673
MO711: MPS-Small Gen Svc-Secondary	MO931			87	227	667	3,864	37,049	56,648	28,808	17,640	14,034	75,052	234,077
MO716: MPS-Small Gen Svc-Prim FROZEN	MO931							3	6	7	12		8	36
MO728: MPS-Temporary Service	MO928							2,928	641	69				3,639
MO867: MPS-Net Metering SGS No Deman	MO967							6	5	1	1			13
MO868: MPS-Net Metering SGS Demand	MO968													-
SGS Subtotal		-	-	87	227	667	3,864	69,029	92,087	47,375	23,277	17,498	84,326	338,437
MO720: MPS-Large Gen Svc - Secondary	MO940		15	39	107	476	2,210	9,384	3,080	964	373	155	202	17,006
MO722: MPS-Net Metering LGS Secondary	MO942							10	1					11
MO725: MPS-Large Gen Svc - Primary	MO938					13	19	56	91	33	10	4	29	256
LGS Subtotal		-	15	39	107	489	2,229	9,451	3,171	998	383	159	231	17,274
MO730: MPS-Large Power Svc-Secondary	MO944				3	41	362	1,173	20	4	1			1,603
MO732: MPS-Net Metering LPS Secondary	MO944							2	10					12
MO735: MPS-Large Power Svc-Primary	MO945					4	117	188	119	26	7	1	3	465
LPS Subtotal		-	-	-	3	45	479	1,364	149	30	8	1	3	2,080
Total GMO-MPS		**1**	**15**	**3,628**	**44,914**	**152,849**	**1,368,727**	**1,043,942**	**100,746**	**48,653**	**23,678**	**17,659**	**84,560**	**2,889,372**

No Customers

Year End September 2011 with Weather Normalization and Customer Growth at March 2012 (True-Up)

GMO Rate Consolidation
Best Fit Summary - L&P Customers on MPS Rates

Home Rate Description	Compare Rate Codes	Home Rate Revenue	Best Fit Revenue	Revenue Retained	Revenue from Other Rates	Revenue Change ($)	Revenue Change (%)
##							
GMO-L&P							
MO910: L&P-Residential General Use	MO860	43,365,737	43,894,135		43,894,135	528,398	1.22%
MO911: L&P-Resid Gen Use-Mult Occup	MO711, MO720	257,700	157,845		157,845	(99,855)	(38.75%)
MO915: L&P-Resid - Other Use	MO815	1,081,759	1,096,675		1,096,675	14,916	1.38%
MO920: L&P-Resid w/Space Heat	MO870	33,817,156	33,389,296		33,389,296	(427,860)	(1.27%)
MO921: L&P-Resid W/Sp Ht Mult Occup	MO711, MO720	689,217	397,645		397,645	(291,572)	(42.30%)
MO922: L&P-Res Sep Sp/Wtr Ht FROZEN	N/A						
MO965: L&P-Net Metering Residtl-Gen	MO865	4,893	4,931		4,931	38	0.78%
MO966: L&P-Net Metering Residtl-Heat	MO866	7,384	7,102		7,102	(282)	(3.82%)
Residential Subtotal		79,223,845	78,947,629		78,947,629	(276,217)	(0.35%)
MO928: L&P-Temporary Service	MO728	83,082	74,660		74,660	(8,422)	(10.14%)
MO930: L&P-Small Gen Serv Limited Demand	MO710	4,725,327	2,994,629		2,994,629	(1,730,698)	(36.63%)
MO931: L&P-Small Gen Serv-General Use	MO711, MO720	9,146,693	7,407,005		7,407,005	(1,739,689)	(19.02%)
MO941: L&P-GS Sep Sp/Wtr Ht FROZEN	MO711, MO720	157,065	122,414		122,414	(34,650)	(22.06%)
MO967: L&P-Net Metering SGS No Demand	MO867						
MO968: L&P-Net Metering SGS Demand	MO967						
SGS Subtotal		14,112,167	10,598,708		10,598,708	(3,513,459)	(24.90%)
MO938: L&P-Large Gen Serv-Primary	MO711, MO725, MO735	640,558	555,711		555,711	(84,847)	(13.25%)
MO939: L&P-Large Gen Serv-Substation	MO711, MO725, MO735	48,403	41,886		41,886	(6,517)	(13.46%)
MO940: L&P-Large Gen Serv-Secondary	MO711, MO722, MO730	31,797,320	29,312,762		29,312,762	(2,484,558)	(7.81%)
MO942: L&P-Net Metering LGS Secondary	MO711, MO722, MO730	75,362	71,920		71,920	(3,442)	(4.57%)
LGS Subtotal		32,561,644	29,982,280		29,982,280	(2,579,364)	(7.92%)
MO944: L&P-Lg Power Svc-Time of Use	MO720, MO730	37,678,810	35,129,871		35,129,871	(2,548,939)	(6.76%)
MO945: L&P-Lg Power Svc-TOU-Primary	MO725, MO735	9,494,504	8,581,274		8,581,274	(913,230)	(9.62%)
MO946: L&P-Lg Power Svc-TOU-Substatn	MO725, MO735	4,163,859	3,795,197		3,795,197	(368,662)	(8.85%)
MO947: L&P-Lg Power Svc-TOU-Transmsn	MO725, MO735	4,373,643	3,914,197		3,914,197	(459,446)	(10.50%)
LPS Subtotal		55,710,816	51,420,539		51,420,539	(4,290,277)	(7.70%)
GMO-L&P Subtotal		181,608,472	170,949,155		170,949,155	(10,659,317)	(5.87%)

No Customers

RC - Summary - L&P Customers - LP vs MPS Rates Bill Totals - 2013 Rates	Compare Rate Codes	GMO-L&P	GMO-MPS	Revenue Change ($)	Revenue Change (%)	Total Customers/Bill
YE-Sep - 2011						
GMO-L&P						
Bill Total - w/o FAC						
MO910: L&P-Residential General Use	MO860	43,365,737	43,894,135	528,398	1.22%	418,433
MO911: L&P-Resid Gen Use-Mult Occup	MO711	257,700	174,860	(82,840)	(32.15%)	654
MO915: L&P-Residential - Other Use	MO815	1,081,759	1,096,675	14,917	1.38%	23,208
MO920: L&P-Residential W/Space Heat	MO870	33,817,156	33,389,296	(427,860)	(1.27%)	227,384
MO921: L&P-Resid W/Sp Ht Mult Occup	MO711	689,217	449,962	(239,255)	(34.71%)	687
MO922: L&P-Res Sep Sp/Wtr Ht FROZEN	N/A					
MO965: L&P-Net Metering Residtl-Gen	MO865	4,893	4,931	38	0.78%	33
MO966: L&P-Net Metering Residtl-Heat	MO866	7,384	7,102	(282)	(3.82%)	36
Residential Subtotal		79,223,845	79,016,960	(206,884)	(0.26%)	670,435
MO928: L&P-Temporary Service	MO728	83,082	74,660	(8,422)	(10.14%)	703
MO930: L&P-Small Gen Serv Limited Demand	MO710	4,725,327	2,994,629	(1,730,698)	(36.63%)	44,012
MO931: L&P-Small Gen Serv-General Use	MO711	9,146,693	7,436,175	(1,710,519)	(18.70%)	26,968
MO941: L&P-GS Sep Sp/Wtr Ht FROZEN	MO711	157,065	123,887	(33,178)	(21.12%)	798
MO967: L&P-Net Metering SGS No Demnd	MO867					
MO968: L&P-Net Metering SGS Demand	MO868					
SGS Subtotal		14,112,167	10,629,351	(3,482,816)	(24.68%)	72,481
MO938: L&P-Large Gen Serv-Primary	MO725	640,558	564,717	(75,842)	(11.84%)	80
MO939: L&P-Large Gen Serv-Substation	MO725	48,403	41,886	(6,517)	(13.46%)	12
MO940: L&P-Large Gen Serv-Secondary	MO720	31,797,320	30,911,912	(885,408)	(2.78%)	13,689
MO942: L&P-Net Metering LGS Secondary	MO722	75,362	71,920	(3,442)	(4.57%)	7
LGS Subtotal		32,561,644	31,590,435	(971,209)	(2.98%)	13,788
MO944: L&P-Lg Power Svc-Time of Use	MO730	37,678,810	35,241,363	(2,437,447)	(6.47%)	714
MO945: L&P-Lg Power Svc-TOU-Primary	MO735	9,494,504	8,581,274	(913,230)	(9.62%)	85
MO946: L&P-Lg Power Svc-TOU-Substatn	MO735	4,163,859	3,805,713	(358,146)	(8.60%)	35
MO947: L&P-Lg Power Svc-TOU-Transmsn	MO735	4,373,643	3,914,197	(459,446)	(10.50%)	60
LPS Subtotal		55,710,816	51,542,547	(4,168,269)	(7.48%)	894
Total GMO-L&P		**181,608,472**	**172,779,293**	**(8,829,179)**	**(4.86%)**	**757,598**

No Customers

Year End September 2011 with Weather Normalization and Customer Growth at March 2012 (True-Up)

RC - Summary - L&P Customers - LP vs MPS Rates Bill Totals - 2013 Rates	Compare Rate Codes	<= -50%	-50% to -40%	-40% to -30%	-30% to -20%	-20% to -10%	-10% to 0%	0% to 10%	10% to 20%	20% to 30%	30% to 40%	40% to 50%	>= 50%
YE-Sep - 2011													
GMO-L&P													
Bill Total - w/o FAC													
MO910: L&P-Residential General Use	MO860						128,798	278,518	11,117				
MO911: L&P-Resid Gen Use-Mult Occup	MO71	305	57	14	23	26	48	87	95				
MO915: L&P-Residential - Other Use	MO815				218	1,450	2,825	2,246	2,038	1,926	1,508	1,603	9,394
MO920: L&P-Residential W/Space Heat	MO870					1,425	135,686	47,161	18,490	24,622			
MO921: L&P-Resid W/Sp Ht Mult Occup	MO71	355	89	9	5	7	34	145	44				
MO922: L&P-Res Sep Sp/Wtr Ht FROZEN	N/A												
MO965: L&P-Net Metering Residtl-Gen	MO865						12	21					
MO966: L&P-Net Metering Residtl-Heat	MO866					1	29	3	3				
Residential Subtotal		660	146	23	246	2,909	267,431	328,180	31,786	26,548	1,508	1,603	9,394
MO928: L&P-Temporary Service	MO728					115	588						
MO930: L&P-Small Gen Serv Limited Deman	MO71	10,499	5,441	3,278	2,636	14,132	8,024						
MO931: L&P-Small Gen Serv-General Use	MO71	2,606	1,571	2,217	4,294	9,367	6,358	428	72	25	14	6	10
MO941: L&P-GS Sep Sp/Wtr Ht FROZEN	MO71	227	21	41	46	52	38	42	32	38	37	35	192
MO967: L&P-Net Metering SGS No Demnd	MO867												
MO968: L&P-Net Metering SGS Demand	MO868												
SGS Subtotal		13,332	7,033	5,536	6,976	23,666	15,008	470	104	62	51	41	202
MO938: L&P-Large Gen Serv-Primary	MO725			1	14	34	29	3					
MO939: L&P-Large Gen Serv-Substation	MO725				3	5	4						
MO940: L&P-Large Gen Serv-Secondary	MO72	43	41	160	507	1,343	3,682	2,248	2,152	2,043	906	301	263
MO942: L&P-Net Metering LGS Secondary	MO722			1	6								
LGS Subtotal		43	41	162	530	1,381	3,715	2,251	2,152	2,043	906	301	263
MO944: L&P-Lg Power Svc-Time of Use	MO73	6	12	14	3	116	543	20					
MO945: L&P-Lg Power Svc-TOU-Primary	MO735					39	45						
MO946: L&P-Lg Power Svc-TOU-Substatn	MO735					10	8	12	5				
MO947: L&P-Lg Power Svc-TOU-Transmsn	MO735					32	28						
LPS Subtotal		6	12	14	3	197	625	32	5	-	-	-	-
Total GMO-L&P		**14,041**	**7,233**	**5,735**	**7,754**	**28,154**	**286,778**	**330,934**	**34,047**	**28,654**	**2,464**	**1,945**	**9,859**

No Customers

Year End September 2011 with Weather Normalization and Customer Growth at March 2012 (True-Up)

KCP&L Greater Missouri Operations - Combined
2016 RATE CASE - Direct Filing (6/30/15)
TY 6/30/15; Update 12/31/15; K&M 7/31/16
Cost of Service

SCH NO.	LINE NO.	PRODUCTION METHOD = PROD AVERAGE & PEAK 4 CP DISTRIBUTION WITH NCP & MDD ANNUAL WEIGHTING DESCRIPTION	ALLOCATION BASIS	TOTAL GMO RETAIL	RESIDENTIAL	GEN. SERVICE	LARGE GEN. SERVICE	LARGE PWR SERVICE	GENERAL TOD SERVICE	THERMAL SERVICE	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	0010	**SCHEDULE 1 - SUMMARY OF OPERATING INC & RATE BASE**									
1	0020										
1	0030	OPERATING REVENUE									
1	0040	RETAIL SALES REVENUE	TSFR 9 30	725,879,442	372,338,912	89,699,283	103,692,141	145,731,889	48,305	476,862	13,892,050
1	0050	OTHER SALES REVENUE (447)	TSFR 9 100	152,410,015	65,867,161	16,689,545	24,729,315	43,707,356	9,602	139,692	1,267,344
1	0060	OTHER OPERATING REVENUE	TSFR 9 230	14,516,576	7,722,134	1,492,633	2,025,734	3,088,797	799	11,093	175,385
1	0070	TOTAL OPERATING REVENUE		892,806,032	445,928,207	107,881,461	130,447,191	192,528,043	58,705	627,647	15,334,779
1	0080										
1	0090	OPERATING EXPENSES									
1	0100	FUEL	TSFR 9 4080	119,363,428	52,040,509	13,047,256	19,240,853	33,938,864	7,517	108,621	979,808
1	0110	PURCHASED POWER	TSFR 9 4090	225,824,850	97,668,695	24,723,002	36,626,771	64,707,824	14,221	206,863	1,877,474
1	0120	OTHER OPERATION & MAINTENANCE EXPENSES	TSFR 9 4100	237,072,072	137,127,766	26,749,828	27,480,320	42,035,752	12,393	158,219	3,507,794
1	0130	DEPRECIATION EXPENSES (AFTER CLEARINGS)	TSFR 5 1640	104,807,876	58,588,721	10,914,619	13,089,974	19,782,042	5,396	79,536	2,347,588
1	0140	AMORTIZATION EXPENSES	TSFR 9 4600	2,030,496	1,017,763	211,828	299,071	487,166	119	1,765	12,783
1	0150	TAXES OTHER THAN INCOME TAXES	TSFR 9 4710	50,692,560	28,335,293	5,311,480	6,342,466	9,545,392	2,629	38,256	1,117,043
1	0160	FEDERAL AND STATE INCOME TAXES	TSFR 11 950	42,287,004	18,364,725	8,669,072	8,311,196	5,185,798	5,415	(23)	1,750,822
1	0170	TOTAL ELECTRIC OPERATING EXPENSES		782,078,285	393,143,472	89,627,085	111,390,650	175,682,837	47,691	593,237	11,593,312
1	0180										
1	0190	NET ELECTRIC OPERATING INCOME		110,727,747	52,784,735	18,254,375	19,056,540	16,845,205	11,015	34,410	3,741,466
1	0200										
1	0210	RATE BASE									
1	0220	TOTAL ELECTRIC PLANT	TSFR 3 210	3,517,642,590	1,957,137,723	362,825,820	445,136,606	668,124,997	182,832	2,695,815	81,538,796
1	0230	LESS: ACCUM. PROV. FOR DEPREC	TSFR 3 300	1,284,521,496	726,827,800	131,396,674	156,571,023	231,512,656	64,468	947,238	37,201,638
1	0240	NET PLANT		2,233,121,094	1,230,309,923	231,429,146	288,565,583	436,612,342	118,363	1,748,577	44,337,159
1	0250	PLUS:									
1	0260	CASH WORKING CAPITAL	TSFR 2 40	(43,055,825)	(22,960,378)	(4,847,372)	(5,806,339)	(8,545,164)	(2,524)	(31,263)	(862,784)
1	0270	MATERIALS & SUPPLIES	TSFR 2 50	42,429,677	23,606,924	4,376,392	5,369,222	8,058,899	2,205	32,517	983,518
1	0280	EMISSION ALLOWANCES	TSFR 2 60	672,931	293,387	73,556	108,473	191,336	42	612	5,524
1	0290	PREPAYMENTS	TSFR 2 100	2,706,062	1,505,592	279,116	342,436	513,977	141	2,074	62,726
1	0300	FUEL INVENTORY	TSFR 2 160	31,034,878	13,530,701	3,392,329	5,002,684	8,824,215	1,954	28,242	254,753
1	0310	DEFERRAL OF DSM/EE COSTS	TSFR 2 180	13,130,136	6,845,038	1,346,106	1,900,678	2,923,628	740	10,169	103,778
1	0320	REGULATORY ASSETS	TSFR 2 260	52,278,614	28,685,845	5,954,412	6,599,351	10,519,305	2,834	38,804	478,064
1	0330	LESS:									
1	0340	CUSTOMER ADVANCES FOR CONSTRUCTION	TSFR 2 310	4,619,070	2,984,427	467,848	427,557	501,365	189	2,778	234,906
1	0350	CUSTOMER DEPOSITS	TSFR 2 320	7,312,004	6,426,718	819,638	59,799	5,757	69	23	0
1	0360	TOTAL ACCUMULATED DEFERRED TAXES	TSFR 2 330	414,384,788	230,554,435	42,741,551	52,437,914	78,706,357	21,538	317,572	9,605,421
1	0370	TOTAL RATE BASE		1,906,001,706	1,041,851,452	197,974,647	249,156,818	379,885,059	101,958	1,509,360	35,522,411
1	0380										
1	0390	RATE OF RETURN		5.809%	5.066%	9.221%	7.648%	4.434%	10.803%	2.280%	10.533%
1	0400	RELATIVE RATE OF RETURN		1.00	0.87	1.59	1.32	0.76	1.86	0.39	1.81
1	0410										

KCP&L Greater Missouri Operations - MPS
2016 RATE CASE - Direct Filing
TY 6/30/15; Update 12/31/15; K&M 7/31/16
Cost of Service Schedules

SCH NO.	LINE NO.	PRODUCTION METHOD = PROD AVERAGE & PEAK 4 CP DISTRIBUTION WITH NCP & MDD ANNUAL WEIGHTING DESCRIPTION	ALLOCATION BASIS	MPS RETAIL	RESIDENTIAL	SMALL GEN. SERVICE	LARGE GEN. SERVICE	LARGE PWR SERVICE	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	0010	**SCHEDULE 1 - SUMMARY OF OPERATING INC & RATE BASE**							
1	0020								
1	0030	OPERATING REVENUE							
1	0040	RETAIL SALES REVENUE	TSFR 9 30	544,306,774	297,400,848	75,873,144	72,368,371	89,014,052	9,650,359
1	0050	OTHER SALES REVENUE (447)	TSFR 9 100	113,868,964	52,656,860	14,597,995	18,188,987	27,564,688	860,434
1	0060	OTHER OPERATING REVENUE	TSFR 9 230	10,716,531	5,976,649	1,260,229	1,485,410	1,866,573	127,669
1	0070	TOTAL OPERATING REVENUE		668,892,269	356,034,357	91,731,368	92,042,768	118,445,313	10,638,462
1	0080								
1	0090	OPERATING EXPENSES							
1	0100	FUEL	TSFR 9 4080	89,551,835	41,714,183	11,442,510	14,212,143	21,513,489	669,511
1	0110	PURCHASED POWER	TSFR 9 4090	168,021,237	77,745,230	21,533,837	26,830,368	40,642,439	1,269,364
1	0120	OTHER OPERATION & MAINTENANCE EXPENSES	TSFR 9 4100	168,100,076	102,185,916	21,367,468	18,780,675	23,271,353	2,494,664
1	0130	DEPRECIATION EXPENSES (AFTER CLEARINGS)	TSFR 9 4530	79,505,475	46,304,059	9,797,617	9,798,773	11,622,828	1,982,199
1	0140	AMORTIZATION EXPENSES	TSFR 9 4600	1,992,933	1,152,687	235,712	259,592	303,952	40,990
1	0150	TAXES OTHER THAN INCOME TAXES	TSFR 9 4710	38,187,973	22,245,872	4,662,215	4,748,910	5,651,951	879,026
1	0160	FEDERAL AND STATE INCOME TAXES	TSFR 11 950	35,231,264	17,991,356	7,302,577	4,996,566	3,887,400	1,053,365
1	0170	TOTAL ELECTRIC OPERATING EXPENSES		580,590,795	309,339,303	76,341,935	79,627,027	106,893,412	8,389,118
1	0180								
1	0190	NET ELECTRIC OPERATING INCOME		88,301,474	46,695,054	15,389,434	12,415,741	11,551,901	2,249,344
1	0200								
1	0210	RATE BASE							
1	0220	TOTAL ELECTRIC PLANT	TSFR 3 220	2,641,536,048	1,529,921,602	319,370,998	333,468,968	395,101,749	63,672,730
1	0230	LESS: ACCUM. PROV. FOR DEPREC	TSFR 6 2350	981,372,033	576,536,299	118,130,503	119,297,344	138,921,123	28,486,763
1	0240	NET PLANT		1,660,164,015	953,385,303	201,240,495	214,171,624	256,180,625	35,185,967
1	0250	PLUS:							
1	0260	CASH WORKING CAPITAL	TSFR 2 40	(32,858,653)	(18,440,761)	(4,259,177)	(4,278,685)	(5,223,100)	(656,931)
1	0270	MATERIALS & SUPPLIES	TSFR 2 50	28,699,249	16,621,996	3,469,840	3,623,009	4,292,625	691,779
1	0280	EMISSION ALLOWANCES	TSFR 2 60	672,032	313,040	85,869	106,653	161,446	5,024
1	0290	PREPAYMENTS	TSFR 2 100	2,077,584	1,203,292	251,187	262,275	310,750	50,079
1	0300	FUEL INVENTORY	TSFR 2 160	25,639,421	11,943,111	3,276,084	4,069,052	6,159,488	191,686
1	0310	DEFERRAL OF DSM/EE COSTS	TSFR 2 180	11,030,492	6,046,974	1,282,419	1,585,206	2,037,919	77,975
1	0320	REGULATORY ASSETS	TSFR 2 250	38,864,397	22,855,025	5,044,856	4,585,886	6,005,514	373,115
1	0330	LESS:							
1	0340	CUSTOMER ADVANCES FOR CONSTRUCTION	TSFR 2 310	4,450,570	2,888,845	545,455	439,944	344,376	231,950
1	0350	CUSTOMER DEPOSITS	TSFR 2 320	5,967,226	5,237,718	689,184	36,196	4,128	0
1	0360	TOTAL ACCUMULATED DEFERRED TAXES	TSFR 2 330	311,934,054	180,665,582	37,713,924	39,378,727	46,656,827	7,518,994
1	0370	TOTAL RATE BASE		1,411,936,687	805,135,835	171,443,010	184,270,154	222,919,937	28,167,751
1	0380								
1	0390	RATE OF RETURN		6.254%	5.800%	8.976%	6.738%	5.182%	7.986%
1	0400	RELATIVE RATE OF RETURN		1.00	0.93	1.44	1.08	0.83	1.28

KCP&L Greater Missouri Operations - L&P Electric
2016 RATE CASE - Direct Filing (6/30/15)
TY 6/30/15; Update 12/31/15; K&M 7/31/16
Cost of Service

SCH NO.	LINE NO.	PRODUCTION METHOD = PROD AVERAGE & PEAK 4 CP DISTRIBUTION WITH NCP & MDD ANNUAL WEIGHTING DESCRIPTION	ALLOCATION BASIS	L&P RETAIL	RESIDENTIAL	GEN. SERVICE	LARGE GEN. SERVICE	LARGE PWR SERVICE	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	0010	**SCHEDULE 1 - SUMMARY OF OPERATING INC & RATE BASE**							
1	0020								
1	0030	OPERATING REVENUE							
1	0040	RETAIL SALES REVENUE	TSFR	181,572,668	74,260,754	14,809,264	31,480,160	56,766,186	4,256,304
1	0050	OTHER SALES REVENUE (447)	TSFR 9 100	38,679,305	13,342,141	2,118,355	6,737,267	16,080,906	400,636
1	0060	OTHER OPERATING REVENUE	TSFR 9 230	3,802,110	1,611,655	212,360	659,702	1,268,519	49,874
1	0070	TOTAL OPERATING REVENUE		224,054,083	89,214,550	17,139,978	38,877,129	74,115,611	4,706,815
1	0080								
1	0090	OPERATING EXPENSES							
1	0100	FUEL	TSFR 9 4080	29,796,197	10,376,672	1,632,310	5,183,547	12,299,023	304,646
1	0110	PURCHASED POWER	TSFR 9 4090	57,802,697	19,956,211	3,165,717	10,069,565	24,012,433	598,771
1	0120	OTHER OPERATION & MAINTENANCE EXPENSES	TSFR 9 4100	68,259,676	32,344,701	4,667,084	10,112,402	20,053,778	1,081,710
1	0130	DEPRECIATION EXPENSES (AFTER CLEARINGS)	TSFR 5 1840	26,988,579	12,270,880	1,565,152	4,198,233	8,518,012	436,301
1	0140	AMORTIZATION EXPENSES	TSFR 9 4600	36,776	157,584	7,918	(31,912)	(122,613)	25,799
1	0150	TAXES OTHER THAN INCOME TAXES	TSFR 9 4710	12,398,597	5,726,577	747,273	1,908,518	3,772,697	243,532
1	0160	FEDERAL AND STATE INCOME TAXES	TSFR 11 950	6,810,680	1,292,175	1,809,559	2,177,891	859,648	671,408
1	0170	TOTAL ELECTRIC OPERATING EXPENSES		202,093,201	82,124,799	13,595,013	33,618,243	69,392,978	3,362,168
1	0180								
1	0190	NET ELECTRIC OPERATING INCOME		21,960,882	7,089,751	3,544,965	5,258,886	4,722,632	1,344,647
1	0200								
1	0210	RATE BASE							
1	0220	TOTAL ELECTRIC PLANT	TSFR 3 230	876,271,486	403,737,988	51,163,192	135,693,942	267,547,046	18,129,317
1	0230	LESS: ACCUM. PROV. FOR DEPREC	TSFR 3 330	303,056,220	143,757,457	18,060,237	45,216,066	87,029,278	8,993,182
1	0240	NET PLANT		573,215,265	259,980,531	33,102,955	90,477,876	180,517,768	9,136,135
1	0250	PLUS:							
1	0260	CASH WORKING CAPITAL	TSFR 2 40	(9,908,104)	(4,389,087)	(598,643)	(1,564,917)	(3,183,267)	(172,191)
1	0270	MATERIALS & SUPPLIES	TSFR 2 50	13,886,072	6,397,943	810,771	2,150,311	4,239,756	287,291
1	0280	EMISSION ALLOWANCES	TSFR 2 60	0	0	0	0	0	0
1	0290	PREPAYMENTS	TSFR 2 100	628,331	289,501	36,687	97,299	191,845	13,000
1	0300	FUEL INVENTORY	TSFR 2 160	5,382,007	1,874,310	294,840	936,290	2,221,540	55,027
1	0310	DEFERRAL OF DSM/EE COSTS	TSFR 2 180	2,099,644	860,693	115,212	376,058	725,494	22,187
1	0320	REGULATORY ASSETS	TSFR 2 260	13,293,293	5,576,315	836,863	2,161,055	4,595,006	124,055
1	0330	LESS:							
1	0340	CUSTOMER ADVANCES FOR CONSTRUCTION	TSFR 2 310	168,500	101,938	10,800	19,766	28,192	7,805
1	0350	CUSTOMER DEPOSITS	TSFR 2 320	1,344,778	1,189,233	129,783	24,091	1,671	0
1	0360	TOTAL ACCUMULATED DEFERRED TAXES	TSFR 2 330	101,907,834	46,953,558	5,950,131	15,780,812	31,114,946	2,108,387
1	0370	TOTAL RATE BASE		495,175,396	222,345,477	28,507,970	78,809,303	158,163,333	7,349,312
1	0380								
1	0390	RATE OF RETURN		4.435%	3.189%	12.435%	6.673%	2.986%	18.296%
1	0400	RELATIVE RATE OF RETURN		1.00	0.72	2.80	1.50	0.67	4.13

KCP&L Greater Missouri Operations - Combined
2016 RATE CASE - Direct Filing (6/30/15)
TY 6/30/15; Update 12/31/15; K&M 7/31/16
Cost of Service

TABLE 3C - AVERAGE & PEAK 4 CP
2016 GMO COST OF SERVICE RESULTS – CLASS ROR AND INDEX

	Index of Return	-------- Rate of Return % --------		
Customer Class	Annual	Annual	Seasonal	
			Summer	Winter
RESIDENTIAL	0.87	**5.066%**	**4.280%**	**5.919%**
General Use	0.99	**5.756%**	**4.427%**	**7.420%**
Space Heating	0.72	**4.180%**	**4.093%**	**4.260%**
Other Use	2.28	**13.266%**	**6.757%**	**19.143%**
Net Metering - General Use	0.00	**0.009%**	**-4.055%**	**2.915%**
Net Metering - Space Heating	(0.59)	**-3.427%**	**-7.471%**	**-1.621%**
GENERAL SERVICE	1.59	**9.221%**	**8.154%**	**10.321%**
No Demand - Secondary	1.55	**9.013%**	**11.705%**	**6.585%**
Net Metering No Dem - Sec	0.23	**1.330%**	**-2.354%**	**3.347%**
Sep Met - Space Htg/Water Htg	(1.49)	**-8.628%**	**-9.130%**	**-8.267%**
Secondary	1.60	**9.300%**	**7.698%**	**10.994%**
Net Metering Demand - Sec	1.60	**9.293%**	**6.246%**	**12.181%**
Primary	(0.03)	**-0.185%**	**-1.202%**	**0.747%**
LARGE GENERAL SERVICE	1.32	**7.648%**	**5.619%**	**9.867%**
Secondary	1.30	**7.560%**	**5.652%**	**9.645%**
Primary	1.44	**8.345%**	**6.730%**	**10.328%**
Net Metering - Secondary	1.47	**8.519%**	**4.912%**	**12.363%**
LARGE POWER SERVICE	0.76	**4.434%**	**3.180%**	**5.811%**
Secondary	0.81	**4.712%**	**3.416%**	**6.110%**
Net Metering - Secondary	1.18	**6.855%**	**5.668%**	**8.044%**
Primary	0.76	**4.394%**	**3.082%**	**5.873%**
RTP Primary	(0.40)	**-2.296%**	**-3.982%**	**-0.602%**
Substation	0.19	**1.124%**	**0.693%**	**1.604%**
Transmission	0.76	**4.442%**	**4.577%**	**4.293%**
GENERAL SERVICE TOD	1.86	**10.803%**	**9.805%**	**11.946%**
THERMAL SERVICE	0.39	**2.280%**	**-0.198%**	**5.492%**
METERED LIGHTING	(1.73)	**-10.068%**		
NON-METERED LIGHTING	2.51	**14.583%**		
RETAIL	1.00	**5.809%**		

KCP&L Greater Missouri Operations - Combined
2016 RATE CASE - Direct Filing (6/30/15)
TY 6/30/15; Update 12/31/15; K&M 7/31/16
Cost of Service

TABLE 4C - AVERAGE & PEAK 4 CP
2016 GMO COST OF SERVICE RESULTS – UNBUNDLED CUSTOMER, DEMAND AND ENERGY

UNIFORM RATE OF RETURN @ 7.73%

Customer Class	Monthly ($) Customer Charge	Annual Energy Costs ($)	Seasonal Energy Costs ($)		Demand Costs ($/kWh)		
			Summer	Winter	Annual	Seasonal Summer	Seasonal Winter
RESIDENTIAL	$14.42	0.0259	0.0268	0.0253	0.0814	0.1164	0.0605
General Use	$14.11	0.0260	0.0269	0.0253	0.0862	0.1154	0.0643
Space Heating	$14.99	0.0258	0.0268	0.0254	0.0760	0.1177	0.0568
Other Use	$13.33	0.0255	0.0296	0.0239	0.0775	0.1373	0.0545
Net Metering - General Use	$14.22	0.0259	0.0285	0.0251	0.0841	0.1549	0.0627
Net Metering - Space Heating	$15.99	0.0258	0.0275	0.0256	0.0904	0.2664	0.0701
GENERAL SERVICE	$24.50	0.0256	0.0267	0.0250	0.0599	0.0867	0.0447
No Demand - Secondary	$23.42	0.0257	0.0267	0.0252	0.0582	0.0874	0.0434
Net Metering No Dem - Sec	$23.86	0.0256	0.0272	0.0307	0.0654	0.1282	0.0514
Sep Met - Space Htg/Water Htg	$39.90	0.0259	0.0273	0.0255	0.0605	0.0993	0.0465
Secondary	$25.14	0.0256	0.0267	0.0249	0.0602	0.0865	0.0449
Net Metering Demand - Sec	$26.45	0.0255	0.0268	0.0248	0.0584	0.0893	0.0435
Primary	$27.91	0.0247	0.0250	0.0245	0.0476	0.0731	0.0359
LARGE GENERAL SERVICE	$78.47	0.0254	0.0265	0.0248	0.0530	0.0784	0.0388
Secondary	$76.61	0.0254	0.0265	0.0248	0.0530	0.0783	0.0388
Primary	$251.28	0.0247	0.0257	0.0239	0.0537	0.0755	0.0391
Net Metering - Secondary	$76.60	0.0254	0.0268	0.0247	0.0532	0.0799	0.0389
LARGE POWER SERVICE	$663.62	0.0249	0.0260	0.0243	0.0455	0.0669	0.0334
Secondary	$654.51	0.0254	0.0265	0.0248	0.0476	0.0696	0.0353
Net Metering - Secondary	$654.47	0.0254	0.0264	0.0249	0.0467	0.0697	0.0348
Primary	$694.79	0.0244	0.0255	0.0238	0.0443	0.0652	0.0324
RTP Primary	$694.94	0.0246	0.0252	0.0243	0.0441	0.0660	0.0329
Substation	$694.87	0.0241	0.0250	0.0237	0.0359	0.0570	0.0252
Transmission	$694.80	0.0239	0.0255	0.0231	0.0325	0.0505	0.0233
GENERAL SERVICE TOD	$76.60	0.0255	0.0265	0.0250	0.0549	0.0778	0.0405
THERMAL SERVICE	$654.54	0.0254	0.0266	0.0245	0.0570	0.0759	0.0427
METERED LIGHTING	$32.48	0.0253			0.0328		
NON-METERED LIGHTING	$40.56	0.0253			0.0328		

KCP&L Greater Missouri Operations - MPS
2016 RATE CASE - Direct Filing
Cost of Service Schedules

TABLE 3A - Average & Peak 4 CP
MPS 2016 COST OF SERVICE RESULTS – CLASS ROR AND INDEX

	Index of Return	-------- Rate of Return % --------		
Customer Class	Annual	Annual	Seasonal	
			Summer	Winter
RESIDENTIAL	0.93	**5.800%**	**4.245%**	**7.508%**
General Use - Mo860	1.01	**6.308%**	**4.216%**	**8.888%**
Space Heat - Mo870	0.81	**5.092%**	**4.281%**	**5.856%**
Other Use - Mo815	2.28	**14.252%**	**7.951%**	**19.471%**
SMALL GENERAL SERVICE	1.44	**8.976%**	**8.324%**	**9.633%**
Primary - Mo716	1.09	**6.806%**	**6.757%**	**6.848%**
Secondary - Mo711	1.44	**9.005%**	**8.189%**	**9.842%**
No Demand - Mo710	1.40	**8.744%**	**9.583%**	**8.002%**
Short Term - Mo728	1.42	**8.868%**	**6.919%**	**10.061%**
LARGE GENERAL SERVICE	1.08	**6.738%**	**6.067%**	**7.459%**
Primary - Mo725	0.84	**5.250%**	**7.175%**	**3.050%**
Secondary - Mo720	1.08	**6.769%**	**6.043%**	**7.547%**
LARGE POWER SERVICE	0.83	**5.182%**	**4.090%**	**6.407%**
Primary - Mo735	0.89	**5.550%**	**4.229%**	**7.084%**
Secondary - Mo730	0.77	**4.813%**	**3.946%**	**5.753%**
LIGHTING	1.28	**7.986%**		
MPS RETAIL	1.00	**6.254%**		

KCP&L Greater Missouri Operations - MPS
2016 RATE CASE - Direct Filing
Cost of Service Schedules

TABLE 4A - Average & Peak 4 CP
MPS 2016 COST OF SERVICE RESULTS – UNBUNDLED CUSTOMER, DEMAND AND ENERGY

UNIFORM RATE OF RETURN @ 7.727%

Customer Class	Monthly ($) Customer Charge	Annual Energy Costs ($)	Seasonal Energy Costs ($)		Demand Costs ($/kWh)		
			Summer	Winter	Annual	Seasonal Summer	Seasonal Winter
RESIDENTIAL	$15.04	0.0259	0.0264	0.0255	0.0774	0.1076	0.0585
General Use - Mo860	$14.76	0.0259	0.0264	0.0255	0.0823	0.1077	0.0629
Space Heat - Mo870	$15.54	0.0258	0.0263	0.0256	0.0718	0.1076	0.0543
Other Use - Mo815	$13.76	0.0261	0.0265	0.0259	0.0709	0.1178	0.0524
SMALL GENERAL SERVICE	$26.29	0.0256	0.0262	0.0252	0.0578	0.0820	0.0439
Primary - Mo716	$28.86	0.0246	0.0245	0.0247	0.0419	0.0628	0.0323
Secondary - Mo711	$27.13	0.0255	0.0262	0.0252	0.0580	0.0819	0.0441
No Demand - Mo710	$24.67	0.0257	0.0264	0.0253	0.0561	0.0829	0.0424
Short Term - Mo728	$24.41	0.0256	0.0243	0.1107	0.0586	0.0907	0.1107
LARGE GENERAL SERVICE	$91.69	0.0254	0.0261	0.0251	0.0524	0.0753	0.0392
Primary - Mo725	$271.67	0.0245	0.0252	0.0240	0.0547	0.0705	0.0431
Secondary - Mo720	$89.13	0.0255	0.0261	0.0251	0.0523	0.0754	0.0392
LARGE POWER SERVICE	$670.75	0.0248	0.0254	0.0245	0.0411	0.0601	0.0302
Primary - Mo735	$701.71	0.0243	0.0249	0.0240	0.0373	0.0557	0.0268
Secondary - Mo730	$661.42	0.0255	0.0260	0.0251	0.0458	0.0656	0.0343
LIGHTING	$50.28	0.0254			0.0310		

KCP&L Greater Missouri Operations - L&P Electric
2016 RATE CASE - Direct Filing (6/30/15)
TY 6/30/15; Update 12/31/15; K&M 7/31/16
Cost of Service

TABLE 3B - Average & Peak 4 CP
L&P 2016 COST OF SERVICE RESULTS – CLASS ROR AND INDEX

	Index of Return	-------- Rate of Return % --------		
Customer Class	Annual	Annual	Seasonal	
			Summer	Winter
RESIDENTIAL	0.72	**3.189%**	**1.518%**	**4.747%**
General Use	0.98	**4.360%**	**1.904%**	**7.326%**
Space Heating	0.42	**1.850%**	**0.939%**	**2.504%**
Other Use	2.30	**10.181%**	**4.252%**	**15.468%**
GENERAL SERVICE	2.80	**12.435%**	**9.091%**	**15.566%**
General Use	2.63	**11.680%**	**8.207%**	**15.010%**
Limited Demand	3.37	**14.949%**	**11.551%**	**17.915%**
Separately Metered	0.74	**3.294%**	**7.092%**	**0.597%**
Short Term	2.87	**12.728%**	**13.885%**	**11.215%**
LARGE GENERAL SERVICE	1.50	**6.673%**	**4.094%**	**9.348%**
Substation	1.97	**8.724%**	**5.171%**	**15.577%**
Primary	1.40	**6.207%**	**4.551%**	**7.829%**
Secondary	1.51	**6.678%**	**4.082%**	**9.370%**
LARGE POWER SERVICE	0.67	**2.986%**	**1.275%**	**4.713%**
Transmission	1.42	**6.278%**	**3.059%**	**9.856%**
Substation	0.96	**4.266%**	**2.314%**	**6.093%**
Primary	0.58	**2.560%**	**0.962%**	**4.334%**
Secondary	0.60	**2.673%**	**1.086%**	**4.242%**
METERED LIGHTING	(2.79)	**-12.361%**		
NON-METERED LIGHTING	8.57	**38.029%**		
RETAIL	1.00	**4.435%**		

KCP&L Greater Missouri Operations - L&P Electric
2016 RATE CASE - Direct Filing (6/30/15)
TY 6/30/15; Update 12/31/15; K&M 7/31/16
Cost of Service

TABLE 4B - Average & Peak 4 CP
L&P 2016 COST OF SERVICE RESULTS – UNBUNDLED CUSTOMER, DEMAND AND ENERGY

UNIFORM RATE OF RETURN @ 7.73%

Customer Class	Monthly ($) Customer Charge	Annual Energy Costs ($)	Seasonal Energy Costs ($)		Demand Costs ($/kWh)		
			Summer	Winter	Annual	Seasonal Summer	Seasonal Winter
RESIDENTIAL	$14.92	0.0260	0.0282	0.0249	0.0879	0.1329	0.0657
General Use	$14.27	0.0262	0.0282	0.0249	0.0918	0.1280	0.0669
Space Heating	$16.13	0.0257	0.0281	0.0249	0.0841	0.1395	0.0648
Other Use	$13.75	0.0261	0.0326	0.0237	0.0909	0.1614	0.0641
GENERAL SERVICE	$24.35	0.0256	0.0278	0.0244	0.0709	0.1051	0.0535
General Use	$29.48	0.0255	0.0279	0.0243	0.0708	0.1050	0.0532
Limited Demand	$21.03	0.0257	0.0276	0.0248	0.0703	0.1054	0.0536
Separately Metered	$34.48	0.0256	0.0283	0.0246	0.0723	0.1181	0.0561
Short Term	$22.89	0.0259	0.0266	0.0253	0.0858	0.0995	0.0715
LARGE GENERAL SERVICE	$63.86	0.0254	0.0277	0.0242	0.0639	0.0937	0.0475
Substation	$230.22	0.0250	0.0269	0.0230	0.0623	0.0826	0.0405
Primary	$225.33	0.0249	0.0271	0.0237	0.0611	0.0863	0.0471
Secondary	$62.55	0.0254	0.0278	0.0242	0.0640	0.0939	0.0476
LARGE POWER SERVICE	$695.04	0.0251	0.0276	0.0237	0.0541	0.0780	0.0411
Transmission	$723.01	0.0242	0.0270	0.0227	0.0452	0.0706	0.0323
Substation	$723.02	0.0243	0.0265	0.0232	0.0444	0.0650	0.0341
Primary	$725.80	0.0249	0.0273	0.0235	0.0576	0.0828	0.0427
Secondary	$688.08	0.0253	0.0278	0.0240	0.0556	0.0793	0.0426
METERED LIGHTING	$9.25	0.0253			0.0411		
NON-METERED LIGHTING	$23.22	0.0253			0.0411		

GMO RESIDENTIAL SERVICE
Proposed Rate Design
ER-2016-0156 Direct Filing

INPUT FOR MODEL

	Current Rates	Proposed Rates
		0.000%
CUSTOMER CHARGE		
One Meter		14.50
One Meter - Other Use		13.25
ENERGY CHARGE		
Summer Rate		
Summer General Use (MORG, MORH, MORN, & MORNH)		
0-600		0.13072
600-1000		0.13072
1000+		0.13072
Winter Rates		0%
Winter General Use (MORG & MORN)		0%
0-600		0.10152
600-1000		0.09853
1000+		0.07490
Winter General Use & Space Heat (MORH & MORNH)		
0-600		0.10152
600-1000		0.08213
1000+		0.05200
Other Use (MORO)		
Winter		0.12707
Summer		0.16946
Time of Day (MO600)		
Customer Charge		23.00
Summer On-Peak		0.21149
Summer Shoulder		0.11750
Summer Off-Peak		0.07057
Winter On-Peak		0.13571
Winter Off-Peak		0.05418

GMO SMALL GENERAL SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL

	Current Rates	PROPOSED RATES
		0.00000%
A: CUSTOMER CHARGE		
SUMMER/WINTER		
Non-demand service (MOSGS and MOSNS)		27.00
GS Sep Sp/Wtr Ht SUMMER - Frozen (MOSHS)		11.00
Sec service with demand (MOSDS and MOSND)		27.00
Primary service with demand (MOSGP)		27.00
A.1. FACILITIES DEMAND		
SECONDARY (MOSDS and MOSND)		
Billing Demand - 0-25		1.632
Billing Demand - > 25		1.632
PRIMARY (MOSGP)		
Billing Demand - 0-25		1.632
Billing Demand - > 25		1.632
B: DEMAND CHARGE		
SECONDARY-SUMMER: (MOSDS and MOSND)		
Billing Demand - 0-25		1.432
Billing Demand - > 25		1.432
SECONDARY-WINTER: (MOSDS and MOSND)		
Base Billing Demand		1.399
Seasonal Billing Demand		1.399
PRIMARY-SUMMER: (MOSGP)		
Billing Demand - 0-25		1.389
Billing Demand - > 25		1.389
PRIMARY-WINTER: (MOSGP)		
Base Billing Demand		1.357
Seasonal Billing Demand		1.357

GMO SMALL GENERAL SERVICE PROPOSED RATE DESIGN ER-2016-0156 Direct Filing		
C: ENERGY CHARGE		
NON-DEMAND SUMMER: (MOSGS and MOSNS)		
Energy Charge - 0-600 KWH		0.15800
Energy Charge - 601-1000 KWH		0.15800
Energy Charge - > 1000 KWH		0.15800
		-
NON-DEMAND WINTER: (MOSGS and MOSNS)		-
Energy Charge - 0-600 KWH		0.09927
Energy Charge - 601-1000 KWH		0.09927
Energy Charge - > 1000 KWH		0.09927
Seasonal Energy		0.05092
		-
GS Sep Sp/Wtr Ht SUMMER - Frozen (MOSHS)		-
Energy Charge - 0-600 KWH		0.15800
Energy Charge - 601-1000 KWH		0.15800
Energy Charge - > 1000 KWH		0.15800
		-
GS Sep Sp/Wtr Ht WINTER - Frozen (MOSHS)		-
Energy Charge - 0-600 KWH		0.07392
Energy Charge - 601-1000 KWH		0.07392
Energy Charge - > 1000 KWH		0.07392
Seasonal Energy		0.05092
SECONDARY-SUMMER: (MOSDS and MOSND)		
Energy		
0-180 hrs use per month		0.11077
181-360 hrs use per month		0.08336
361+ hrs use per month		0.08336
SECONDARY-WINTER: (MOSDS and MOSND)		
Base Energy		
0-180 hrs use per month		0.08046
181-360 hrs use per month		0.07262
361+ hrs use per month		0.07262
Seasonal Energy		0.05092
PRIMARY-SUMMER: (MOSGP)		
Energy		
0-180 hrs use per month		0.10392
181-360 hrs use per month		0.07820
361+ hrs use per month		0.07820
PRIMARY-WINTER: (MOSGP)		
Base Energy		
0-180 hrs use per month		0.07902
181-360 hrs use per month		0.07132
361+ hrs use per month		0.07132
Seasonal Energy		0.04892
		-
D. Primary Discount (MO716R)		(1.00000)

GMO LARGE GENERAL SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL

	Current Rates	PROPOSED RATES
A: CUSTOMER CHARGE		
SUMMER/WINTER		
Secondary Service (MOLGS and MOLNS)		76.00
Primary Service (MO725)		250.00
A.1. FACILITIES DEMAND		
SECONDARY		
0-150 KW		2.325
151-500 KW		2.325
501-750 KW		2.325
> 750 KW		2.325
PRIMARY		
0-150 KW		1.506
151-500 KW		1.506
501-750 KW		1.506
> 750 KW		1.506
B: DEMAND CHARGE		
SECONDARY-SUMMER: (MOLGS & MOLNS)		
0-150 KW		0.920
> 150 KW		0.920
		-
SECONDARY-WINTER: (MOLGS & MOLNS)		-
0-150 KW		0.620
> 150 KW		0.620
		-
PRIMARY-SUMMER: (MOLGP)		-
0-150 KW		0.892
> 150 KW		0.892
		-
PRIMARY-WINTER: (MOLGP)		-
0-150 KW		0.602
> 150 KW		0.602

GMO LARGE GENERAL SERVICE		
PROPOSED RATE DESIGN		
ER-2016-0156 Direct Filing		
C: ENERGY CHARGE		
SECONDARY-SUMMER: (MOLGS)		
Energy Charge		
0-180 hrs use per month		0.09544
181-360 hrs use per month		0.07222
361+ hrs use per month		0.05054
SECONDARY-WINTER: (MOLGS)		
Base Energy		
0-180 hrs use per month		0.07273
181-360 hrs use per month		0.06666
361+ hrs use per month		0.04564
Seasonal Energy		0.03992
PRIMARY-SUMMER: (MOLGP)		
Energy		
0-180 hrs use per month		0.09256
181-360 hrs use per month		0.07003
361+ hrs use per month		0.04900
PRIMARY-WINTER: (MOLGP)		
Base Energy		
0-180 hrs use per month		0.07009
181-360 hrs use per month		0.06423
361+ hrs use per month		0.04396
Seasonal Energy		0.03892
Primary Discount		(1.00000)

GMO LARGE POWER SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL

	Current Rates	PROPOSED RATES
		0.0000000%
A: CUSTOMER CHARGE		
SUMMER/WINTER		
Secondary Service (MO730)		680.00
Primary Service (MO735)		680.00
Substation		680.00
Transmission		680.00
A1. FACILITIES DEMAND		
Secondary		
0-500 KW		3.244
> 500 KW		3.244
Primary		-
0-500 KW		2.834
> 500 KW		2.834
Substation		
0-500 KW		-
> 500 KW		-
Transmission		
0-500 KW		-
> 500 KW		-

GMO LARGE POWER SERVICE		
PROPOSED RATE DESIGN		
ER-2016-0156 Direct Filing		
B: DEMAND CHARGE		
SECONDARY-SUMMER: (MO730)		
0-500 KW		10.861
> 500 KW		10.861
		-
SECONDARY-WINTER: (MO730)		-
0-500 KW		5.656
> 500 KW		5.656
		-
PRIMARY-SUMMER: (MO735)		-
0-500 KW		10.539
> 500 KW		10.539
		-
PRIMARY-WINTER: (MO735)		-
0-500 KW		5.488
> 500 KW		5.488
		-
SUBSTATION-SUMMER:		-
0-500 KW		10.311
> 500 KW		10.311
		-
SUBSTATION-WINTER:		-
0-500 KW		5.370
> 500 KW		5.370
		-
TRANSMISSION-SUMMER:		-
0-500 KW		10.238
> 500 KW		10.238
		-
TRANSMISSION-WINTER:		-
0-500 KW		5.331
> 500 KW		5.331

GMO LARGE POWER SERVICE		
PROPOSED RATE DESIGN		
ER-2016-0156 Direct Filing		
C: ENERGY CHARGE		
SECONDARY-SUMMER: (MO730)		
Energy		
0-180 hrs use per month		0.05790
181-360 hrs use per month		0.04558
361+ hrs use per month		0.03996
		-
SECONDARY-WINTER: (MO730)		-
Base Energy		-
0-180 hrs use per month		0.05404
181-360 hrs use per month		0.04253
361+ hrs use per month		0.03728
		-
Seasonal Energy		0.03392
		-
PRIMARY-SUMMER: (MO735)		-
Energy		-
0-180 hrs use per month		0.05612
181-360 hrs use per month		0.04417
361+ hrs use per month		0.03872
		-
PRIMARY-WINTER: (MO735)		-
Base Energy		-
0-180 hrs use per month		0.05242
181-360 hrs use per month		0.04125
361+ hrs use per month		0.03615
		-
Seasonal Energy		0.03392
		-

GMO LARGE POWER SERVICE		
PROPOSED RATE DESIGN		
ER-2016-0156 Direct Filing		
SUBSTATION-SUMMER: (MO735)		-
Energy		-
0-180 hrs use per month		0.05458
181-360 hrs use per month		0.04296
361+ hrs use per month		0.03765
		-
SUBSTATION-WINTER: (MO735)		-
Base Energy		-
0-180 hrs use per month		0.05157
181-360 hrs use per month		0.04058
361+ hrs use per month		0.03556
		-
Seasonal Energy		0.03392
		-
TRANSMISSION-SUMMER: (MO735)		-
Energy		-
0-180 hrs use per month		0.05565
181-360 hrs use per month		0.04380
361+ hrs use per month		0.03840
		-
TRANSMISSION-WINTER: (MO735)		-
Base Energy		-
0-180 hrs use per month		0.05026
181-360 hrs use per month		0.03954
361+ hrs use per month		0.03465
		-
Seasonal Energy		0.03392
		-
D: REACTIVE DEMAND		0.433
		-
E: RTP - SPECIAL CONTRACT		-
Service Charge (CBL peak kW > 500 for 3 consecutive mon		373.66
Service Charge (all other)		424.42
Trans Congestion Charge-Primary		0.05986
Trans Congestion Charge-Secondary		0.06153
Short-term Fixed Power Transaction Fee		280.23
		-
F. PRIMARY DISCOUNT		(1.00)

GMO-THERMAL ENERGY STORAGE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL

	Current Rates	PROPOSED RATES
		8.3166%
A: CUSTOMER CHARGE		
MO650, MO 660	200.91	217.62
B: DEMAND CHARGE		
SUMMER		
MO650	10.19	11.037
MO660	8.50	9.207
WINTER		
MO650	7.46	8.080
MO660	5.46	5.914
C: ENERGY CHARGE		
MO650, MO660		
SUMMER		
Peak	0.0811	0.08784
Shoulder	0.0455	0.04928
Off-Peak	0.0408	0.04419
WINTER		
Peak	0.0455	0.04928
Off-Peak	0.0408	0.04419

GMO-GENERAL SERVICES TIME OF DAY		
PROPOSED RATE DESIGN		
ER-2016-0156 Direct Filing		
INPUT FOR MODEL		
	Current Rates	**Proposed Rates**
		8.31660%
CUSTOMER CHARGE		
Summer- MO610	24.86	26.93
Summer - MO620	24.86	26.93
Summer - MO630	80.66	87.37
Summer - MO640	80.66	87.37
DEMAND CHARGE		
Summer Rate		
Summer - MO620	10.65	11.536
Summer - MO630	10.32	11.178
Summer - MO640	7.05	7.636
Winter Rate		
Winter - MO620	-	-
Winter - MO630	-	-
Winter - MO640	-	-

GMO-GENERAL SERVICES TIME OF DAY		
PROPOSED RATE DESIGN		
ER-2016-0156 Direct Filing		
ENERGY CHARGE		
Summer Rate		
Summer Gen - TOU MO610		
On Peak (S1)	0.2082	0.22552
Shoulder (S3)	0.1157	0.12532
Off Peak (S2)	0.0694	0.07517
Summer Gen - TOU MO620		
On Peak (S1)	0.1273	0.13789
Shoulder (S3)	0.0707	0.07658
Off Peak (S2)	0.0426	0.04614
Summer Gen - TOU MO630		
On Peak (S1)	0.1234	0.13366
Shoulder (S3)	0.0685	0.07420
Off Peak (S2)	0.0413	0.04473
Summer Gen - TOU MO640		
On Peak (S1)	0.1203	0.13030
Shoulder (S3)	0.0669	0.07246
Off Peak (S2)	0.0402	0.04354
Winter Rates		
Winter Gen - TOU MO610		
On Peak (W1)	0.1350	0.14623
Off Peak (W2/W3)	0.0539	0.05838
Winter Gen - TOU MO620		
On Peak (W1)	0.1059	0.11471
Off Peak (W2/W3)	0.0426	0.04614
Winter Gen - TOU MO630		
On Peak (W1)	0.1027	0.11124
Off Peak (W2/W3)	0.0413	0.04473
Winter Gen - TOU MO640		
On Peak (W1)	0.1002	0.10853
Off Peak (W2/W3)	0.0402	0.04354

GMO-METERED LIGHTING
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL

	Current Rates	Proposed Rates
CHARGE		
Service Charge MO971	7.41	8.03
Secondary Meter Base MO972, MO973	3.16	3.42
Current Transformer with Meter MO972, MO973	5.48	5.94
Other Meter MO972	11.66	12.63
ENERGY CHARGE		
Summer Rates		
MO971	0.1223	0.13247
MO972	0.0632	0.06846
MO973	0.0759	0.08221
Winter Rates		
MO971	0.1223	0.13247
MO972	0.0632	0.06846
MO973	0.0759	0.08221

	A	B	C
1	**GMO Proposed Non-Rate Tariff Revisions - ER-2016-0156**		
2	**Rates Sheet**	**Proposed Change**	**Support**
3	All Rate Sheets	Change format similar to KCPL MO or KS bullet DSIM etc. direct to separate schedule/tariff. Removing references to MPS and L&P.	Continuing effort to standardize the presentation of tariffs. Using updated font, headers, footers, and other format changes. Consistent with changes made in recent KCP&L case. Where appropriate, references to MPS and L&P are being converted to GMO. In the tariff header we are now referring to the "Missouri Retail Service Area."
4	Residential, Small General Service, Large General Service, and Large Power Service tariffs	Utilize a "group" format which combines similar tariffs within a class into groups for tariff presentation.	The group format is used at KCP&L and has been well received as it provides a single view of similar rate and combines the applicable terms and conditions. References to other topics, such as Average Pay and Late Payment Charges are being removed. Consolidating Adjustments and Surcharges into a distinct section of each tariff group. The design is less duplicative and easier to locate and review within the tariff book.
5	All Former MPS and L&P Rate Sheets not needed for the Consolidated proposal	Marking as "Reserved for Future Use"	These rates, replaced by the new consolidated rates, are proposed to be marked and reserved. They will be used in the future for other purposes or cleaned up at a future filing for a new rate book.
6	Table of Contents	Update to reflect changes to tariff pages and add an new, topic-based view.	The table of contents will be updated to reflect the many tariff changes associated with this filing. In addition the Company is proposing to add a topic-based view. The alternate view would provide customers another way to find the tariff sheets they may be looking for. This proposal is similar to one made and approved in the last KCP&L rate case.
7	Sheet 18 (MO911) and Sheet 19 (MO921)	Move Customers to the new Small General Service Rate (MOSGS)	The former rates were used for multi-occupancy buildings. Although commercial service, they were billed under the residential rate for tax purposes. Current functionality will allow these customers to be billed under the SGS rates but still receive proper tax treatment. Sheets 18 and 19 will be reserved for future use.
8	Sheet 30 and Sheet 33 Meter Loss Adjustment	Removing Meter Loss Adjustment	Proposed consolidated rates will have distinct rates for each voltage. Use of the meter loss adjustment is not longer needed.
9	Sheet 35 Optional Time of Use Adjustment Rider	Remove rate	There was only one customer on this rate and they are better served under one of the new consolidated rates. Removing the rate from future availability, pending new research and new technology implementations.
10	Sheet 43 Metered Street Lighting and Sheet 50 Outdoor Night Lighting	Freeze the rate	These rates are unique to the former L&P area and will not be made available to new customers.
11	Sheets 66 - 69 General Service Time of Day	Freeze the rate	Removing the rate from future availability, pending new research and new technology implementations.
12	Sheet 70 Thermal Energy Storage	Unfreeze the rate and convert to GMO availability.	The Company proposes to make this rate available to new customers, consistent with the availability in the KCP&L jurisdiction.
13	Sheets 73 - 77 Real Time Pricing	Freeze the rate	Removing the rate from future availability, pending new research and new technology implementations.

	A	B	C
1	**GMO Proposed Non-Rate Tariff Revisions - ER-2016-0156**		
2	**Rates Sheet**	**Proposed Change**	**Support**
14	Sheet 96 Voluntary Load Reduction Rider	#3 - Remove "or any day celebrated as such".	Remove "or any day celebrated as such." from the end of the Previous Daily Peaks section. Proposed in an effort to start standardizing the definition of off-peak periods with in the Company. Current language introduces undefined days into the billing process.
15	Sheet 99 - 101 Curtailable Demand Rider Sheet 102 CoGeneration Purchase Sheet 103 - 104 Special Isolated Generating Plant Sheet 105 - 107 Municipal UG Cost Recovery Sheet 108 Tax and License Rider Sheet 110 - 119.9 Net Metering Sheet 120 - 123.6 Economic Development Sheet 124 - 127.10 Fuel Adjustment Clause Sheet 137 - 137.3 RESRAM Sheet 140 Primary Discount Rider	Convert to GMO availability	The company plans to retain but rename these tariffs to be available to the GMO area. They are currently available to both MPS and L&P.
16	Sheet 138 Demand side Investment Mechanism	Prepare placeholder for DSIM Rider to be proposed in MEEIA Cycle 2 filing.	Will allow incorporation of the MEEIA Cycle 2 filing into the tariffs.
17	Sheet 141 - 145 Special Contract Rate	Expand to GMO availability.	Currently an MPS tariff, the Company proposes to make this tariff available to GMO.
18	Sheet 146 Residential Service	Allow three phase service.	The Company proposes to allow three-phase electric service at the Company's discretion. There are situations where three phase power makes sense and is available. Customers approved for three-phase shall bear all incremental costs related to provision of three-phase service. Customers receiving three phase service would be billing under the regular, residential rates.
19	Sheet 147.4 Small General Service	Propose an Unmetered Rate option. Allow temporary service.	Unmetered secondary service refers to electric service which is not measured by a kWh meter or by a kWh/demand meter and usually applies to delivery points for which it has been determined by the Company to be impractical or difficult to install and read meters. The usages and demands are calculated by using typical hours of use and rated equipment loads. This option is available on the KCP&L area and has been useful in dealing with limited populations of very small loads. Temporary Service was provided under separate rate schedules under MPS and L&P. Consistent with KCP&L, we propose that GMO will incorporate temporary service under the Small General Service rate.
20			

Unconsolidated Rates		Proposed, Consolidated Rates	
MPS Rate Code	**L&P Rate Code**	**Rate Code**	**Meaning of the New Rate Code**
	Residential		
MO860 Residential General Service	MO910 Residential General Use	**MORG**	Missouri Residential General
MO870 Residential Electric Space Heat	MO920 Residential W/Space Heat and MO922 Res Sep Sp/Water Heat	**MORH**	Missouri Residential Heat
MO815 Residential Other Use	MO915 Residential - Other Use	**MORO**	Missouri Residential Other
MO865 Net Metering Residential-General Service	MO965 Net Metering Residential-General Use	**MORN**	Missouri Residential Net Metering
MO866 Net Metering Residential-Heating	MO966 Net Metering Residential-Heat	**MORNH**	Missouri Residential Net Metering Heat
	Small General Service		
MO710 Small Gen Svc-No Demand and MO728	MO930 General Service Limited Demand and MO928	**MOSGS**	Missouri Small General Secondary
	MO911 Res Gen Use-Mult Occupancy and MO921 Res W/Sp Ht Mult Occup	**MOSGS**	Missouri Small General Secondary
MO867 Net Metering SGS No Demand	MO967 Net Metering SGS No Demand	**MOSNS**	Missouri Small General Net Metering Secondary
	MO941 General Service Sep Space/Water Heat	**MOSHS**	Missouri Small General Heating Secondary
MO711 Small Gen Service-Secondary	MO931 General Service-General Use	**MOSDS**	Missouri Small General with Demand Secondary
MO868 Net Metering SGS Demand	MO968 Net Metering SGS Demand	**MOSND**	Missouri Small General Net Metering with Demand Secondary
MO716 Small Gen Service-Primary		**MOSGP**	Missouri Small General Primary
	Large General Service		
MO720 Large Gen Service - Secondary	MO940 Large Gen Service-Secondary	**MOLGS**	Missouri Large General Secondary
MO725 Large Gen Service - Primary	MO938 Large Gen Service-Primary	**MOLGP**	Missouri Large General Primary
		MOLNP	Missouri Large General Net Metering Primary
MO722 Net Metering LGS Secondary	MO942 Net Metering LGS Secondary	**MOLNS**	Missouri Large General Net Metering Secondary
	Large Power Service		
MO730 Large Power Service-Secondary	MO944 Large Power Service-Time of Use	**MOPGS**	Missouri Large Power Secondary
MO732 Net Metering LPS Secondary		**MOPNS**	Missouri Large Power Net Metering Secondary
MO735 Large Power Service-Primary	MO945 Large Power Service-TOU-Primary	**MOPGP**	Missouri Large Power Primary
		MOPNP	Missouri Large Power Net Metering Primary
	MO946 Large Power Service-TOU-Sub and MO939 Large Gen Service-Sub	**MOPSU**	Missouri Large Power Substation
	MO947 Large Power Service-TOU-Transmission	**MOPTR**	Missouri Large Power Transmission
	Other Service		
MO600 TOD Residential Service		**MO600**	*Retain previous code and freeze to new customers*
MO610 TOD GS-Single Phase-No Demand		**MO610**	*Retain previous code and freeze to new customers*
MO620 TOD GS-Single Phase-Demand		**MO620**	*Retain previous code and freeze to new customers*
MO630 TOD GS-3 Phase Secondary		**MO630**	*Retain previous code and freeze to new customers*
MO640 TOD GS-3 Phase Primary		**MO640**	*Retain previous code and freeze to new customers*
MO700 Co-Generation Purchase		**MO700**	*Retain previous code*
MO721 Real Time Pricing		**MO721**	*Retain previous code and freeze to new customers*
MO731 Real Time Pricing		**MO731**	*Retain previous code and freeze to new customers*
MO737 Real Time Pricing		**MO737**	*Retain previous code and freeze to new customers*
MO650 Thermal Energy Storage - Secondary		**MO650**	*Retain previous code*
MO660 Thermal Energy Storage – Primary		**MO660**	*Retain previous code*
	MO971 Metered Outdoor Lighting	**MO971**	*Retain previous code*
	MO972 Metered Street Lights	**MO972**	*Retain previous code*
	MO973 Metered Traffic Signals	**MO973**	*Retain previous code*

Consolidated GMO Proposed Revenue - ER-2016-0156 - Direct filing

							$ 59,310,681	$ 51,483	
GMO	Total Consolidated kWh (from BFWN)	MPS Revenue (excluding FAC, MEEIA, and RESRAM)	L&P Revenue (excluding FAC, MEEIA, and RESRAM)	Total GMO Consolidated Revenue	Consolidated Adjustments	Base Rate Revenue	Requested Increase	Pre- MEEIA Opt-out Revenues	Total Revenue
RESIDENTIAL TOTAL	3,444,337,862	$ 297,400,848	$ 74,938,064	$ 372,338,912	$ 132,693	$ 372,471,605	$ 30,976,919	$ -	$ 403,448,524
SMALL GEN SVC TOTAL	872,743,621	$ 75,873,144	$ 13,826,139	$ 89,699,283	$ 41,236	$ 89,740,519	$ 7,463,347	$ 9,993	$ 97,213,859
LARGE GEN SVC TOTAL	1,293,898,565	$ 72,320,065	$ 31,372,076	$ 103,692,141	$ 120,974	$ 103,813,115	$ 8,633,706	$ 14,815	$ 112,461,636
LARGE POWER TOTAL	2,329,829,267	$ 88,616,346	$ 56,571,283	$ 145,187,629	$ 1,299,005	$ 146,486,634	$ 12,182,686	$ 26,676	$ 158,695,996
GENERAL TOD SVC TOTAL	502,101	$ 48,305	$ -	$ 48,305	$ -	$ 48,305	$ 4,017	$ -	$ 52,322
THERMAL SVC TOTAL	7,304,788	$ 476,862	$ -	$ 476,862	$ -	$ 476,862	$ 39,659	$ -	$ 516,521
METERED STREETLIGHTS	1,401,986	$ -	$ 125,892	$ 125,892	$ (1,476)	$ 124,416	$ 10,347	$ -	$ 134,763
Non-Res TOTAL	4,505,680,328	$ 237,334,722	$ 101,895,390	$ 339,230,112	$ 1,459,739	$ 340,689,851			$ 340,689,851
GMO Metered TOTALS	7,950,018,190	$ 534,735,570	$ 176,833,454	$ 711,569,024	$ 1,592,432	$ 713,161,456		$ 51,483	$ 772,523,620
Lighting TOTAL:	64,870,213	$ 9,650,359	$ 4,115,799	$ 13,766,158	$ -	$ 9,650,359	$ -	$ -	$ 9,650,359
GMO TOTAL	**8,014,888,404**	**$ 544,385,929**	**$ 180,949,253**	**$ 725,335,182**	**$ 1,592,432**	**$ 722,811,815**	**$ 59,310,681**	**$ 51,483**	**$ 782,173,979**

ADJUSTMENTS include MPower, EDR, Primary Discounts, Excess Facility/Line Extension Charges, Net Metering Credit and Curtailment Credits

		Assigned Migration		Structural Migration		
GMO	Total Revenue	Incoming	Outgoing	Incoming Revenue	Outgoing Revenue	Post Migration Revenue
RESIDENTIAL TOTAL	$ 403,448,524	$ -	$ 932,278	$ -	$ -	$ 402,516,246
SMALL GEN SVC TOTAL	$ 97,213,859	$ 932,278		$ 12,318,350	$ 9,470,647	$ 100,993,839
LARGE GEN SVC TOTAL	$ 112,461,636		$ 75,153	$ 27,069,499	$ 16,938,993	$ 122,516,989
LARGE POWER TOTAL	$ 158,695,996	$ 75,153		$ 4,620,643	$ 17,598,851	$ 145,792,940
GENERAL TOD SVC TOTAL	$ 52,322					$ 52,322
THERMAL SVC TOTAL	$ 516,521					$ 516,521
METERED STREETLIGHTS	$ 134,763					$ 134,763
Non-Res TOTAL	$ 369,075,097					$ 370,007,375
GMO Metered TOTALS	$ 772,523,620					$ 772,523,620
Lighting TOTAL:	$ 9,650,359					$ 9,650,359
GMO TOTAL	**$ 782,173,979**	**$ 1,007,431**	**$ 1,007,431**	**$ 44,008,492**	**$ 44,008,492**	**$ 782,173,979**
					$ -	

Calculation of Pre-MEEIA Rate	
Pre-MEEIA Amortiza	$ 587,974
Total kWh	7,948,616,204
Pre-MEEIA Rate	**0.00007**
Opt-out kWh	695,986,610
Rev lost via Pre-MEE	$ 51,483

Consolidated GMO Proposed Revenue - ER-2016-0156 - Direct filing

Validation of Design (Non-weather adjusted customer annualized data)										
Revenue Produced by Rates (UI)		Lost Revenue Due to Migration		Revenues Net of Migration		Variance (Mainly due to Weather Norm)		Revenue Produced by Rate Design	
$	402,380,752	$	-	$	402,513,745	$	2,500	$	402,513,445
$	111,211,431	$	8,031,186	$	103,180,245	$	(2,186,406)	$	104,606,350
$	123,759,604	$	1,552,980	$	122,206,623	$	310,366	$	113,773,504
$	144,477,702	$	154,716	$	144,322,986	$	1,469,954	$	156,127,237
$	52,322			$	52,322	$	1	$	52,322
$	516,487			$	516,487	$	34	$	516,487
$	136,239			$	134,763	$	(0)	$	134,763
$	380,153,785							$	375,210,663
$	782,534,537							$	777,724,108
$	9,650,359			$	9,650,359	$	-	$	9,650,359
$	**792,184,896**	**$**	**9,738,882**	**$**	**782,577,531**	**$**	**(403,552)**	**$**	**787,374,467**

	A	B	C
1	**GMO Proposed Rule Revisions - ER-2016-0156**		
2	**Rules & Regulations**	**Proposed Change**	**Support/Additional Detail**
3	Table of Contents	Update to reflect proposed changes	
4	**1. DEFINITIONS**		
5	F. Customer	Modify "Customer" definition.	Expanding the Customer definition to include language from KCP&L. Consistent definitions will help with operations and Customer interaction.
6	R. Normal Business Hours to Premise	Propose removing definition and using the available space to insert a definition for "premise."	The Company has a Customer Service line that is answered 24 hours a day so Hours, not useful. Used the available open letter to hold the definition for premise. A definition needed to support language added in 5.02 concerning multiple metering. Will help avoid renumbering.
7	U. Residential	Modify language to define domestic use.	Relocating terms previously in the Residential rate tariff concerning the Domestic Use and consolidating with the Residential Service definition.
8			
9	**2. SERVICE AGREEMENTS**		
10	.01 (A) and (C) Application for Service	Remove option of making application for service in the Company's office. Remove language that all applications for Large Power are to be made in writing.	Update tariff to reflect current processes and allow flexibility in process of applying for service. Walk-in locations are not available and form based applications are not generally used.
11	.03 Agreements not Transferrable	Propose removing requirement of written consent by Company.	Current business practice is not based on written exchanges. Modifying tariff to remove specific reference to written consent.
12	.04 Deposits and Guarantees of Payment	Propose to increase number of deposit installments from three (3) to four (4).	Customers are currently allowed four installments in the KCP&L-Missouri jurisdiction. This revision will provide consistency among jurisdictions and provide more flexibility for customers.
13	.05 Discontinuance of Service	Propose revising discontinuance of service language to align with Chapter 13 rules and make consistent between KCP&L jurisdictions by increasing the time allowed to execute a disconnect from eleven (11) days to thirty (30) days.	Changes are being proposed to bring GMO tariffs in line with KCP&L tariffs and more closely align practices with Chapter 13 regulations. Consistent discontinuance terms will provide customers consistent treatment and will make internal processes more efficient.

	A	B	C
1	**GMO Proposed Rule Revisions - ER-2016-0156**		
2	**Rules & Regulations**	**Proposed Change**	**Support/Additional Detail**
14	.08 Temporary Service	Propose modifying language to allow estimated charges.	Temporary service calculation method revised to allow standardized estimates in place of actual estimates. Temporary service jobs are usually small and could benefit from being managed as a standardized amount. This revision would provide for that change.
15	.09 Returned Check	Modify "check" to "payment" to allow for charges to other, non-check forms of payment. This request is similar to one made by KCP&L in ER-2014-0370 and will make terms consistent between all KCP&L jurisdictions.	The current Rules refer specifically to "checks" within this section. Customers are increasingly using alternate, non-check forms of payment for their bills. The proposed revision will update the section to reflect current terminology and additional forms of payment. Consistent terms will provide customers consistent treatment and will make internal processes more efficient.
16	**5. Metering**		
17	.02 Multiple Metering	Expand the GMO Rules to include more detailed language concerning multiple metering. Proposing to use language similar to KCP&L.	Multiple metering issues have been increasing so additional language is needed. Using consistent terms associated with KCP&L multiple metering will provide customers consistent treatment and will make internal processes more efficient.
18	**6. Billing and Payment Standards**		
19	.02 Billing Period	Propose revising language referring to calculating bills for irregular billing periods. Proposed language will make the terms consistent for all KCP&L jurisdictions.	Examination of this provision during the consolidation preparation has lead us to believe this term is not precise. Proration is normally used to describe incrementing a charge across a period. In the context of the billing period, we believe the more appropriate term should be "normalization", which seeks to adjust the period to fit within the normal period. The more precise term would improve clarity and ensure proper interpretation in the upcoming Billing System implementation.
20	.04 Due Date	Propose removing language about offering meter readings outside normal business hours and that we may charge the customer.	The company proposes to eliminate the terms for, and the charges associated with weekend meter reads. All reads would occur during the normal business week.
21	**7. Extension of Electric Facilities**		
22	*Multiple Sections*	Revise "Electric Extension Standards" to be "Electric Service Standards"	The proposed change will all the GMO references to be the same as KCP&L. The Company would like to have a single document with a common name to communicate line extension related terms.

	A	B	C
1	**GMO Proposed Rule Revisions - ER-2016-0156**		
2	**Rules & Regulations**	**Proposed Change**	**Support/Additional Detail**
23	.04 (A)	Remove reference to Construction Allowance	The Company is proposing to make the Feasibility model applicable to commercial customers only. Construction allowances for Residential customers would be calculated individually for each project.
24	.06 Temporary Service	Update temporary meter set specification.	Update to 40 amp from 10 amp to reflect updated engineering requirements.
25	.10 (B) Applicability Limitation	Add reference to revenue allowance.	For Residential purposes revenue allowance is being used in place of Construction Allowance. This revision will incorporate the Residential element in the provision.
26	.11 (1) Free of Charge Overhead Extensions	Propose modifying language to reflect current single family residential line extension policy.	The current GMO language is very prescriptive, identifying specific materials to be provided. The Company proposes to be more general with the terms, allowing the Customer and Company some flexibility as to how to achieve the "Free of Charge" extension. The proposed language is consistent with KCP&L terms and have worked well in that jurisdiction.
27	.11 (B)(2)(b) Subdivision Projects	Propose modifying language for Subdivision projects.	Proposing language to define the Construction Allowance, Refundable Charge, and non-Refundable charges associated with subdivision development. The proposed language will require Developers to pay charges up front and receive refunds as homes are built. Will make GMO tariffs more consistent with KCP&L practices.
28	.11(C) Residential Multi-Family	Remove reference to Feasibility Model	The Company is proposing to make the Feasibility model applicable to commercial customers only. Revenue allowances for Residential customers would be calculated individually for each project.
29	.12 Aquila Networks - L&P phase in period through 10/22/04	Propose removing from tariff.	The language is associated with a transition who's time has passed. The language is no longer needed.
30	**9. Promotional Practices**		
31	9.17 Economic Relief Pilot Program	Propose modifying ERPP customer credit, income level requirement, maximum participants and direction of excess program funds to align with those areas of the KCPL MO ERPP .	Update tariff to reflect revised qualification guidelines (200% of federal poverty level), maximum credit per customer ($65), number of participants (800), and excess program fund redirection (to ERPP).

	A	B	C
1	**GMO Proposed Rule Revisions - ER-2016-0156**		
2	**Rules & Regulations**	**Proposed Change**	**Support/Additional Detail**
32	**12. Summary of Types and Amounts of Charges**		
33		Remove 6.04 reference, Rename "Return Check" to "Return Payment", and revise temporary service calculation method.	Charges related to 6.04 not needed with change to meter reading terms. Return Check revision consistent with proposed change to 2.09. Temporary service calculation method revised to allow standardized estimates in place of actual estimates.
34		Update 7.06 costs and provide detail for Company versus Customer owned charges.	Temporary Service charges have not been updated for some time. The proposed update is the result of an analysis of the costs associated with the installation of Company and Customer owned temporary services to bring the charge in line with current costs. The increased amount for Customer-owned temporaries is due to the need to inspect the temporary before connection.
35		Remove 7.11 reference.	Excess service length not needed with change to quarter mile provision.

KCP&L Greater Missouri Operations Company
Retail Revenue Summary - L&P
Information Filed in Accordance with 4 CSR-240-3.030 (3) (B) 3, 4, and 5
Test Year Ending June 30, 2015

		3						5	4 & 5	4		
Line No.	Classification	Average Number of Customers	Base MWH	Base Revenue	Average Price per kWh	Proposed Revenue	Proposed Price per kWh	Proposed Revenue Increase	Proposed Percent Increase	Proposed Average Monthly Increase per Customer	Proposed Increase per kWh	Average Monthly kWh Usage per Customer
1	Residential	56,332	716,110	$ 75,028,226	$ 0.10477	$ 86,195,545	$ 0.12037	$ 11,167,319	14.88%	$ 16.52	$ 0.01559	1,059
2	General Service	6,030	104,032	$ 13,846,212	$ 0.13310	$ 15,907,381	$ 0.15291	$ 2,061,169	14.89%	$ 28.48	$ 0.01981	1,438
3	Large General Service	1,139	357,577	$ 31,388,635	$ 0.08778	$ 36,066,097	$ 0.10086	$ 4,677,462	14.90%	$ 342.23	$ 0.01308	26,162
4	Large Power Service	79	861,605	$ 57,368,677	$ 0.06658	$ 65,921,795	$ 0.07651	$ 8,553,118	14.91%	$ 9,022.28	$ 0.00993	908,866
5	Metered Lighting	159	1,402	$ 124,416	$ 0.08874	$ 142,796	$ 0.10185	$ 18,380	14.77%	$ 9.64	$ 0.01311	735
6	Non Metered Lighting	5,533	19,851	$ 4,115,799	$ 0.20734	$ 4,115,799	$ 0.20734	$ -	0.00%	$ -	$ -	299
7	**Subtotal Retail (Billed)**	**69,272**	**2,060,576**	**$ 181,871,965**	**$ 0.08826**	**$ 208,349,412**	**$ 0.10111**	**$ 26,477,447**	**14.56%**	**$ 31.85**	**$ 0.01285**	**2,479**
8	Adjustments	(5,431) *		$ (922,712)		$ (922,712)						
9	**Total Retail (Billed)**	**63,842**	**2,060,576**	**$ 180,949,253**	**$ 0.08781**	**$ 207,426,700**	**$ 0.10066**	**$ 26,477,447**	**14.63%**	**$ 34.56**	**$ 0.01285**	**2,690**

*Area Lights not included in total customer count.

KCP&L Greater Missouri Operations Company
Retail Revenue Summary - L&P
Information Filed in Accordance with 4 CSR-240-3.030 (3) (B) 3, 4, and 5
Test Year Ending June 30, 2015

Line No.	Rate Code	Tariff Description	3 Average Number of Customers	Base MWH	Base Revenue	Average Price per kWh	Proposed Revenue	Proposed Price per kWh	5 Proposed Revenue Increase	4 & 5 Proposed Percent Increase	4 Average Monthly Increase per Customer	Proposed Increase per kWh	Average Monthly kWh Usage per Customer
1	**Residential**												
2	MO910, MO911, MO965	Residential General Use	34,144	341,757	40,048,999	$ 0.11719	$ 46,247,732	$ 0.13532	$ 6,198,733	15.48%	$ 15.13	$ 0.01814	834
3	MO915	Residential Other Use	2,065	7,466	1,307,304	$ 0.17509	$ 1,501,570	$ 0.20111	$ 194,266	14.86%	$ 7.84	$ 0.02602	301
4	MO920, MO921, MO966	Residential Space Heating	20,085	366,684	33,652,392	$ 0.09177	$ 38,424,586	$ 0.10479	$ 4,772,193	14.18%	$ 19.80	$ 0.01301	1,521
5	MO922	Residential Space Heating/Water Heating - Separate M	39	203	19,531	$ 0.09643	$ 21,658	$ 0.10693	$ 2,127	10.89%	$ 4.57	$ 0.01050	436
6	**General Service**												
7	MO930, MO967	General Limited Demand	3,716	28,294	4,500,455	$ 0.15906	$ 5,169,090	$ 0.18269	$ 668,635	14.86%	$ 14.99	$ 0.02363	634
8	MO928	General Short Term	58	1,039	165,297	$ 0.15916	$ 188,725	$ 0.18172	$ 23,428	14.17%	$ 33.82	$ 0.02256	1,499
9	MO931, MO968	General Use	2,202	73,571	9,069,705	$ 0.12328	$ 10,422,312	$ 0.14166	$ 1,352,607	14.91%	$ 51.18	$ 0.01839	2,784
10	MO941	Non Residential Space Heating/Water Heating - Separ	54	1,128	110,755	$ 0.09818	$ 127,254	$ 0.11281	$ 16,499	14.90%	$ 25.45	$ 0.01463	1,740
11	**Large General Service**												
12	MO938, MO939, MO940, MO942	Large General Service	1,139	357,577	31,388,635	$ 0.08778	$ 36,066,097	$ 0.10086	$ 4,677,462	14.90%	$ 342.23	$ 0.01308	26,162
13	**Large Power Service**												
14	MO944, MO945, MO946, MO947	Large Power Service	79	861,605	57,368,677	$ 0.06658	$ 65,921,795	$ 0.07651	$ 8,553,118	14.91%	$ 9,022.28	$ 0.00993	908,866
15	**Metered Lighting**												
16	MO971	Metered Outdoor Lighting	45	399	52,760	$ 0.13232	$ 60,572	$ 0.15191	$ 7,811	14.80%	$ 14.52	$ 0.01959	741
17	MO972	Metered Street Lights	42	725	47,731	$ 0.06585	$ 54,766	$ 0.07556	$ 7,035	14.74%	$ 14.13	$ 0.00971	1,455
18	MO973	Metered Traffic Signals	73	278	23,925	$ 0.08593	$ 27,459	$ 0.09862	$ 3,534	14.77%	$ 4.06	$ 0.01269	320
19	**Non Metered Lighting**												
20		L&P Private Area Lights	5,431	9,470	2,204,658	$ 0.23280	$ 2,204,658	$ 0.23280	$ -	0.00%	$ -	$ -	145
21		L&P Municipal Street Lighting	82	8,797	1,650,372	$ 0.18761	$ 1,650,372	$ 0.18761	$ -	0.00%	$ -	$ -	8,964
22		L&P Street Lighting & Traffic Signal	7	447	33,750	$ 0.07554	$ 33,750	$ 0.07554	$ -	0.00%	$ -	$ -	5,327
23		SJLP Special Contract - Municipal Street Lighting	4	140	38,590	$ 0.27486	$ 38,590	$ 0.27486	$ -	0.00%	$ -	$ -	2,930
24		SJLP Misc Street Lighting	6	80	18,937	$ 0.23738	$ 18,937	$ 0.23738	$ -	0.00%	$ -	$ -	1,025
25		SJLP Misc Flat Charges	3	917	169,491	$ 0.18492	$ 169,491	$ 0.18492	$ -	0.00%	$ -	$ -	25,501
26	**Subtotal Retail (Billed)**		**69,272**	**2,060,576**	**$ 181,871,965**	**$ 0.08826**	**$ 208,349,412**	**$ 0.10111**	**$ 26,477,447**	**14.56%**	**$ 382.22**	**$ 0.01285**	**2,479**
27	Area lights not inluded in total customer count		(5,431) *										
28	EDR Adjustments				$ (420,702)		$ (420,702)						
29	Mpower Adjustments				$ (6,195)		$ (6,195)						
30	Primary Discount Rider				$ (458,540)		$ (458,540)						
31	Excess Facilities / Line Ext				$ 74,637		$ 74,637						
32	Net Metering Credit				$ (111,912)		$ (111,912)						
33	**Total Retail (Billed)**		**63,842**	**2,060,576**	**$ 180,949,253**	**$ 0.08781**	**$ 207,426,700**	**$ 0.10066**	**$ 26,477,447**	**14.63%**	**$ 414.74**	**$ 0.01285**	**2,690**

*Area Lights not included in total customer count.

KCP&L Greater Missouri Operations Company
Retail Revenue Detail - MPS
Information Filed in Accordance with 4 CSR-240-3.030 (3) (B) 3, 4, and 5
Test Year Ending June 30, 2015

		3						5	4 & 5	4		
Line No.	Classification	Average Number of Customers	Base MWH	Base Revenue	Average Price per kWh	Proposed Revenue	Proposed Price per kWh	Proposed Revenue Increase	Proposed Percent Increase	Proposed Average Monthly Increase per Customer	Proposed Increase per kWh	Average Monthly kWh Usage per Customer
1	Residential	219,515	2,738,824	$ 297,443,379	$ 0.10860	$ 316,193,238	$ 0.11545	$ 18,749,859	6.30%	$ 7.12	$ 0.00685	1,040
2	Small General Service	28,884	759,293	$ 75,894,307	$ 0.09995	$ 80,683,992	$ 0.10626	$ 4,789,685	6.31%	$ 13.82	$ 0.00631	2,191
3	Large General Service	1,517	946,149	$ 72,424,481	$ 0.07655	$ 76,996,158	$ 0.08138	$ 4,571,677	6.31%	$ 251.07	$ 0.00483	51,962
4	Large Power Service	173	1,462,359	$ 89,117,957	$ 0.06094	$ 94,746,427	$ 0.06479	$ 5,628,469	6.32%	$ 2,711.21	$ 0.00385	704,412
5	General Service Time-of-Day	3	502	$ 48,305	$ 0.09621	$ 51,350	$ 0.10227	$ 3,044	6.30%	$ 82.28	$ 0.00606	13,570
6	Thermal Energy Storage	1	7,305	$ 476,862	$ 0.06528	$ 506,919	$ 0.06940	$ 30,057	6.30%	$ 2,504.76	$ 0.00411	608,732
7	Other (Non Metered Lighting)	11,605	44,694	$ 9,654,223	$ 0.21601	$ 9,654,223	$ 0.21601	$ -	0.00%	$ -	$ -	321
8	**Subtotal Retail (Billed)**	**261,699**	**5,959,126**	**$ 545,059,515**	**$ 0.09147**	**$ 578,832,306**	**$ 0.09713**	**$ 33,772,792**	**6.20%**	**$ 10.75**	**$ 0.00567**	**1,898**
9	Adjustments	(11,084) *		$ (669,720)		$ (669,720)						
10	**Total Retail (Billed)**	**250,614**	**5,959,126**	**$ 544,389,794**	**$ 0.09135**	**$ 578,162,586**	**$ 0.09702**	**$ 33,772,792**	**6.20%**	**$ 11.23**	**$ 0.00567**	**1,982**

*Area Lights not included in total customer count.

KCP&L Greater Missouri Operations Company
Retail Revenue Detail - MPS
Information Filed in Accordance with 4 CSR-240-3.030 (3) (B) 3, 4, and 5
Test Year Ending June 30, 2015

Line No.	Class / Rate Code	Tariff Description	3 Average Number of Customers	Base MWH	Base Revenue Excluding FAC, MEEIA and RESRAM	Average Price per kWh	Proposed Revenue	Proposed Average Price per kWh	5 Proposed Revenue Increase	4 & 5 Proposed Percent Increase	4 Average Monthly Increase per Customer	Proposed Increase per kWh	Average Monthly kWh Usage per Customer
1	**Residential**												
2	MO860 & MO865	Residential General Use	138,791	1,474,658	173,488,376	$ 0.11765	$ 185,043,554	$ 0.12548	$ 11,555,179	6.66%	$ 6.94	$ 0.00784	885
3	MO870 & MO866	Residential Electric Space Heating	79,667	1,261,004	123,375,521	$ 0.09784	$ 130,604,786	$ 0.10357	$ 7,229,265	5.86%	$ 7.56	$ 0.00573	1,319
4	MO815	Residential Other Use	1,058	3,161	579,482	$ 0.18330	$ 544,897	$ 0.17236	$ (34,585)	-5.97%	$ (2.73)	$ (0.01094)	249
5	MO600	Residential Time Of Day	-	-	-	$ -	$ -	$ -	$ -	0.00%	$ -	$ -	-
6	**Small General Service**												
7	MO710 & MO867	Small General Non-Demand	9,245	73,462	9,056,274	$ 0.12328	$ 9,635,106	$ 0.13116	$ 578,832	6.39%	$ 5.22	$ 0.00788	662
8	MO728	Small General Short Term	529	1,270	270,104	$ 0.21273	$ 287,142	$ 0.22615	$ 17,038	6.31%	$ 2.69	$ 0.01342	200
9	MO711 & MO868	Small General Demand Secondary	19,108	684,195	66,543,765	$ 0.09726	$ 70,736,058	$ 0.10339	$ 4,192,292	6.30%	$ 18.28	$ 0.00613	2,984
10	MO716	Small General Demand Primary	2	366	24,164	$ 0.06607	$ 25,687	$ 0.07023	$ 1,522	6.30%	$ 63.05	$ 0.00416	15,146
11	**Large General Service**												
12	MO720, MO722	Large General Secondary	1,496	928,136	71,078,852	$ 0.07658	$ 75,565,546	$ 0.08142	$ 4,486,694	6.31%	$ 249.91	$ 0.00483	51,698
13	MO725	Large General Primary	21	18,014	1,345,629	$ 0.07470	$ 1,430,612	$ 0.07942	$ 84,983	6.32%	$ 332.50	$ 0.00472	70,479
14	MO721	Real Time Pricing	-	-	-	$ -	$ -	$ -	$ -	0.00%	$ -	$ -	-
15	**Large Power Service**												
16	MO730 & MO732	Large Power General Secondary	133	648,998	42,297,367	$ 0.06517	$ 44,969,714	$ 0.06929	$ 2,672,347	6.32%	$ 1,678.12	$ 0.00412	407,543
17	MO735	Large Power General Primary	38	790,427	45,799,189	$ 0.05794	$ 48,690,808	$ 0.06160	$ 2,891,619	6.31%	$ 6,283.62	$ 0.00366	1,717,636
18	MO731	Real Time Pricing Secondary	-	-	-	$ -	$ -	$ -	$ -	0.00%	$ -	$ -	-
19	MO737	Real Time Pricing Primary	2	22,934	1,021,401	$ 0.04454	$ 1,085,904	$ 0.04735	$ 64,503	6.32%	$ 2,762.07	$ 0.00281	982,059
20	**General Service Time-of-Day**												
21	MO610	Time-of-Day Single Phase	-	-	-	$ -	$ -	$ -	$ -	0.00%	$ -	$ -	-
22	MO620	Time-of-Day Single Phase Demand	-	-	-	$ -	$ -	$ -	$ -	0.00%	$ -	$ -	-
23	MO630	Time-of-Day Three Phase Secondary	3	502	48,305	$ 0.09621	$ 51,350	$ 0.10227	$ 3,044	6.30%	$ 82.28	$ 0.00606	13,570
24	MO640	Time-of-Day Three Phase Primary	-	-	-	$ -	$ -	$ -	$ -	0.00%	$ -	$ -	-
25	**Thermal Energy Storage**												
26	MO650	Thermal Energy Storage Pilot Program Secondary	1	7,305	476,862	$ 0.06528	$ 506,919	$ 0.06940	$ 30,057	6.30%	$ 2,504.76	$ 0.00411	608,732
27	MO660	Thermal Energy Storage Pilot Program Primary	-	-	-	$ -	$ -	$ -	$ -	0.00%	$ -	$ -	-
28	**Other (Non Metered Lighting)**												
29		MPS Private Area Lights	11,084	22,653	3,904,207	$ 0.17235	$ 3,904,207	$ 0.17235	$ -	0.00%	$ -	$ -	170
30		MPS Municipal Street Lighting	498	21,486	5,558,072	$ 0.25869	$ 5,558,072	$ 0.25869	$ -	0.00%	$ -	$ -	3,598
31		MPS Non Standard Lighting	23	555	191,943	$ 0.34563	$ 191,943	$ 0.34563	$ -	0.00%	$ -	$ -	2,012
32	**Subtotal Retail (Billed)**		**261,699**	**5,959,126**	**$ 545,059,515**	**$ 0.09147**	**$ 578,832,306**	**$ 0.09713**	**$ 33,772,792**	**6.20%**	**$ 10.75**	**$ 0.00567**	**1,898**
33	Area Lights not included in total customer count.		(11,084)	*									
34	EDR Adjustments				$ (402,743)		$ (402,743)						
35	Mpower Adjustments				$ (205,534)		$ (205,534)						
36	Net Metering Credit				$ (61,444)		$ (61,444)						
37	**Total Retail (Billed)**		**250,614**	**5,959,126**	**$ 544,389,794**	**$ 0.09135**	**$ 578,162,586**	**$ 0.09702**	**$ 33,772,792**	**6.20%**	**$ 11.23**	**$ 0.00567**	**1,982**

*Area Lights not included in total customer count.

City Name	Contact	Address	City	State	Zip	Franchise Taxes Paid	Paid Franchise Taxes, (G), Increased by Proposed Rate Increase Amount	Bus Unit
AGENCY	City Clerk	P.O. Box 34	Agency	MO	64401	27,683.50	29,945.24	SJLP
ALLENDALE	City Clerk	P.O. Box 56	Allendale	MO	64420	3,510.30	3,797.09	SJLP
AMAZONIA	City Clerk	P.O. Box 85	Amazonia	MO	64421	13,076.40	14,144.74	SJLP
ARKOE	City Clerk	P.O. Box 443	Arkoe	MO	64468	2,289.14	2,476.16	SJLP
BARNARD	City Clerk	P.O. Box 74	Barnard	MO	64423	11,087.82	11,993.69	SJLP
BIGELOW	City Clerk	208 Rulo Street	Bigelow	MO	64425	2,121.98	2,295.35	SJLP
BOLCKOW	City Clerk	P.O. Box 47	Bolckow	MO	64427	6,817.57	7,374.57	SJLP
BURLINGTON JUNCTION	City Clerk	P.O. Box 50	Burlington Junction	MO	64428	24,580.10	26,588.29	SJLP
CLARKSDALE	City Clerk	P.O. Box 47	Clarksdale	MO	64430	10,339.52	11,184.26	SJLP
CLEARMONT	City Clerk	417 S. Cherry	Clearmont	MO	64431	7,348.11	7,948.45	SJLP
CLYDE MO	City Clerk	609 Main	Clyde	MO	64432	2,159.53	2,335.96	SJLP
CONCEPTION JUNCTION	City Clerk	P.O. Box 132	Conception Junction	MO	64434	7,720.77	8,351.56	SJLP
COSBY	City Clerk	P.O. Box 146	Cosby	MO	64436	5,743.67	6,212.93	SJLP
CRAIG MO	City Clerk	121 S. Main	Craig	MO	64437	12,207.15	13,204.47	SJLP
DEKALB	City Clerk	P.O. Box 104	Dekalb	MO	64440	8,849.42	9,572.42	SJLP
DENVER	City Clerk	P.O. Box 63	Denver	MO	64441	1,692.38	1,830.65	SJLP
ELMO	City Clerk	P.O. Box 193	Elmo	MO	64445	6,467.55	6,995.95	SJLP
FAIRFAX	City Clerk	P.O. Box 315	Fairfax	MO	64446	29,186.98	31,571.56	SJLP
FILLMORE	City Clerk	P.O. Box 117	Fillmore	MO	64449	7,146.71	7,730.60	SJLP
FOREST CITY MO	City Clerk	P.O. Box 5	Forest City	MO	64451	14,576.50	15,767.40	SJLP
FORTESCUE	City Clerk	RR #1, Box 24-G	Fortescue	MO	64437	3,998.94	4,325.65	SJLP
GENTRY	City Clerk	P.O. Box 152	Gentry	MO	64453	3,143.27	3,400.08	SJLP
GOWER	City Clerk	P.O. Box 408	Gower	MO	64454	71,789.32	77,654.51	SJLP
GRAHAM	City Clerk	P.O. Box 14	Graham	MO	64455	8,556.74	9,255.83	SJLP
GRANT CITY	City Clerk	P.O. Box 398	Grant City	MO	64456	37,394.86	40,450.02	SJLP
GUILFORD	City Clerk	P.O. Box 63	Guilford	MO	64457	4,870.83	5,268.78	SJLP
HOPKINS MO	City Clerk	124 N. Third	Hopkins	MO	64461	25,049.09	27,095.60	SJLP
IATAN	City Clerk	125 Main	Iatan	MO	64098	1,635.81	1,769.46	SJLP
KING CITY	City Clerk	P.O. Box 653	King City	MO	64463	49,651.52	53,708.05	SJLP
MAITLAND	City Clerk	P.O. Box 208	Maitland	MO	64466	14,375.53	15,550.01	SJLP
MARYVILLE	City Clerk	P.O. Box 438	Maryville	MO	64468	660,188.30	714,125.68	SJLP
MOUND CITY	City Clerk	P.O. Box 215	Mound City	MO	64470	69,606.89	75,293.77	SJLP
OREGON	City Clerk	P.O. Box 225	Oregon	MO	64473	46,071.88	49,835.95	SJLP
PARNELL	City Clerk	107 West Grand River	Parnell	MO	64475	7,006.40	7,578.82	SJLP
PICKERING	City Clerk	P.O. Box 2	Pickering	MO	64476	7,894.19	8,539.15	SJLP
RAVENWOOD	City Clerk	P.O. Box 65	Ravenwood	MO	64479	16,455.87	17,800.31	SJLP
REA	City Clerk	P.O. Box 83	Rea	MO	64480	2,834.18	3,065.73	SJLP
ROSENDALE	City Clerk	P.O. Box 16	Rosendale	MO	64483	3,958.50	4,281.91	SJLP
RUSHVILLE	City Clerk	P.O. Box 187	Rushville	MO	64468	10,065.49	10,887.84	SJLP
SAVANNAH	City Clerk	402 Court	Savannah	MO	64485	209,413.50	226,522.58	SJLP
SHERIDAN	City Clerk	P.O. Box 235	Sheridan	MO	64486	8,623.55	9,328.09	SJLP
SKIDMORE	City Clerk	P.O. Box 15	Skidmore	MO	64487	12,098.34	13,086.77	SJLP
ST JOSEPH	City Clerk	1100 Frederick	St Joseph	MO	64501	3,738,249.37	4,043,664.34	SJLP
STEWARTVILLE	City Clerk	P.O. Box 270	Stewartville	MO	64490	33,057.97	35,758.81	SJLP
TARKIO	City Clerk	602 Main	Tarkio	MO	64491	85,636.32	92,632.81	SJLP
UNION STAR	City Clerk	P.O. Box 96	Union Star	MO	64494	16,687.81	18,051.20	SJLP
WATSON	City Clerk	205 Linden Street	Watson	MO	64496	3,032.71	3,280.48	SJLP
WESTBORO	City Clerk	P.O. Box 156	Westboro	MO	64498	7,808.31	8,446.25	SJLP
WORTH	City Clerk		Worth	MO	64499	1,526.52	1,651.24	SJLP

City Name	Contact	Address	City	State	Zip	Franchise Taxes Paid	Paid Franchise Taxes, (G), Increased by Proposed Rate Increase Amount	Bus Unit
ADRIAN	City Clerk	P.O. Box 246	Adrian	MO	64720	74,898.31	81,017.50	MOPUB
ARCHIE	City Clerk	P.O. Box 346	Archie	MO	64725	41,768.05	45,180.50	MOPUB
BRONAUGH	City Clerk	679 N. Maple	Bronaugh	MO	64728	8,477.51	9,170.12	MOPUB
BROWNINGTON	City Clerk	858 SE Highway BB	Brownington	MO	64740	4,401.51	4,761.11	MOPUB
CAINSVILLE	City Clerk	P.O. Box 77	Cainsville	MO	64632	12,963.55	14,022.67	MOPUB
CALHOUN	City Clerk	P.O. Box 97	Calhoun	MO	65323	21,545.83	23,306.12	MOPUB
CAMDEN	City Clerk	105 Walnut	Camden	MO	64017	6,647.01	7,190.07	MOPUB
CAMDEN POINT	City Clerk	3rd & Academy	Camden Point	MO	64018	10,543.62	11,405.03	MOPUB
CENTERVIEW	City Clerk	P.O. Box 159	Centerview	MO	64019	10,001.08	10,818.17	MOPUB
CHILHOWEE	City Collector	P.O. Box 183	Chilhowee	MO	64733	15,642.11	16,920.07	MOPUB
DEARBORN	City Clerk	P.O. Box 86	Dearborn	MO	64439	24,313.44	26,299.85	MOPUB
DREXEL	City Clerk	137 E Main St.	Drexel	MO	64742	44,988.20	48,663.74	MOPUB
DUNLAP	City Clerk	265 NE Wells St.	Dunlap	MO	64683	1,271.75	1,375.65	MOPUB
EDGERTON	City Clerk	P.O. Box 80	Edgerton	MO	64444	21,650.93	23,419.81	MOPUB
FOSTER	City Clerk	General Delivery	Foster	MO	64745	4,549.81	4,921.53	MOPUB
GRAYSON	City Clerk	104 E Jefferson	Grayson	MO	64492	1,568.89	1,697.07	MOPUB
GREENWOOD	City Treasurer	709 W Main St.	Greenwood	MO	64034	177,901.29	192,435.83	MOPUB
GUNN CITY	City Clerk	24523 S Duval	Gunn City	MO	64747	3,081.09	3,332.82	MOPUB
HARDIN	City Clerk	P.O. Box 506	Hardin	MO	64035	26,608.86	28,782.80	MOPUB
HARRISONVILLE	City Collector	P.O. Box 367	Harrisonville	MO	64701	149,977.97	162,231.17	MOPUB
HOLDEN	City Clerk	101 West 3rd St.	Holden	MO	64040	110,797.58	119,849.74	MOPUB
HUME	City Clerk	P.O. Box 401	Hume	MO	64752	14,497.66	15,682.12	MOPUB
LA MONTE	City Clerk	P.O. Box 147	La Monte	MO	65337	36,051.70	38,997.12	MOPUB
LAKE TAPAWINGO	City Clerk	144 Anchor Dr.	Lake Tapawingo	MO	64015	30,095.83	32,554.66	MOPUB
LEETON	City Clerk	108 W Summerfield	Leeton	MO	64761	24,742.33	26,763.78	MOPUB
LONE JACK	City Clerk	207 N Bynum Rd.	Lone Jack	MO	64070	43,740.72	47,314.34	MOPUB
LOWRY CITY	City Clerk	105 West 3rd	Lowry City	MO	64763	26,472.11	28,634.88	MOPUB
MERWIN	City Clerk	13177 NW 4th Street	Amsterdam	MO	64723	3,200.65	3,462.14	MOPUB
MONTROSE	City Clerk	308 Missouri Ave.	Montrose	MO	64770	18,911.79	20,456.88	MOPUB
NEW HAMPTON	City Clerk	P.O. Box 283	New Hampton	MO	64471	8,920.68	9,649.50	MOPUB
OAK GROVE	City Clerk	1300 Broadway	Oak Grove	MO	64075	358,068.20	387,322.37	MOPUB
OSCEOLA	City Collector	P.O. Box 561	Osceola	MO	64776	9,526.89	10,305.24	MOPUB
PECULIAR	City Clerk	250 South Main	Peculiar	MO	64078	193,769.53	209,600.50	MOPUB
SCHELL CITY	City Clerk	P.O. Box 22	Schell City	MO	64783	10,906.25	11,797.29	MOPUB
SIBLEY	Clty Clerk	208 Front St.	Sibley	MO	64088	16,171.20	17,492.39	MOPUB
SMITHVILLE	Clty Clerk	107 W Main	Smithville	MO	64089	379,895.59	410,933.06	MOPUB
SPICKARD	City Clerk	303 Jefferson St.	Spickard	MO	64679	9,204.69	9,956.71	MOPUB
TRACY	City Clerk	208 Second St.	Tracy	MO	64079	11,484.11	12,422.36	MOPUB
TRENTON	City Clerk	1100 Main St.	Trenton	MO	64683	51,152.96	55,332.16	MOPUB
URICH	City Clerk	308 Main	Urich	MO	64788	23,101.48	24,988.87	MOPUB
WALKER	City Clerk	P.O. Box 58	Walker	MO	64790	8,779.31	9,496.58	MOPUB
WESTON	City Clerk	300 Main	Weston	MO	64098	87,209.33	94,334.33	MOPUB
WINDSOR	City Clerk	110 W Benton St.	Windsor	MO	65360	127,945.45	138,398.59	MOPUB
AMORET	City Clerk	P.O. Box 105	Amoret	MO	64722	6,031.77	6,524.57	MOPUB
AMSTERDAM	City Clerk	P.O. Box 86	Amsterdam	MO	64723	10,127.83	10,955.27	MOPUB
APPLETON CITY	City Treasurer	114 E 4th	Appleton City	MO	64724	59,158.88	63,992.16	MOPUB
BALDWIN PARK	City Clerk	31 Merle Rd.	Pleasant Hill	MO	64080	6,556.54	7,092.21	MOPUB
BATES CITY	City Clerk	P.O. Box 225	Bates City	MO	64011	13,258.68	14,341.91	MOPUB
BELTON	Director of Finance	506 Main	Belton	MO	64012	1,340,448.36	1,449,962.99	MOPUB
BLAIRSTOWN	City Clerk	P.O. Box 56	Blairstown	MO	64726	4,317.33	4,670.06	MOPUB
BLUE SPRINGS	Finance Dept	903 W Main St.	Blue Springs	MO	64015	2,365,392.98	2,558,645.59	MOPUB
BLYTHEDALE	City Clerk	P.O. Box 74	Blythedale	MO	64426	6,784.48	7,338.77	MOPUB
BRIMSON	City Clerk	500 Hanna	Brimson	MO	64642	2,390.74	2,586.06	MOPUB
BUCKNER	City Administrator	P.O. Box 377	Buckner	MO	64016	159,993.03	173,064.46	MOPUB

City Name	Contact	Address	City	State	Zip	Franchise Taxes Paid	Paid Franchise Taxes, (G), Increased by Proposed Rate Increase Amount	Bus Unit
CHULA	City Clerk	P.O. Box 67	Chula	MO	64635	9,098.05	9,841.36	MOPUB
CLINTON	City Clerk	105 E Ohio St.	Clinton	MO	64735	640,437.59	692,761.34	MOPUB
COLE CAMP	City Treasurer	P.O.Box 36	Cole Camp	MO	65325	65,824.18	71,202.02	MOPUB
CONCORDIA	City Clerk	618 Main	Concordia	MO	64020	151,845.37	164,251.14	MOPUB
CREIGHTON	City Clerk	P.O. Box 131	Creighton	MO	64739	14,206.81	15,367.51	MOPUB
DEEPWATER	City Clerk	P.O. Box 18	Deepwater	MO	64740	16,459.91	17,804.68	MOPUB
DEERFIELD	City Clerk	P.O. Box 83	Deerfield	MO	64741	3,099.45	3,352.68	MOPUB
DOVER	City Treasurer	P.O. Box 27	Dover	MO	64022	4,454.40	4,818.32	MOPUB
EAGLEVILLE	City Clerk	P.O. Box 105	Eagleville	MO	64442	28,996.24	31,365.23	MOPUB
EAST LYNNE	City Treasurer	P.O. Box 126	East Lynne	MO	64743	14,680.04	15,879.40	MOPUB
FARLEY	City Treasurer	P.O. Box 93	Farley	MO	64028	12,265.04	13,267.09	MOPUB
FERRELVIEW	City Clerk	205 Heady	Ferrelview	MO	64163	17,364.27	18,782.93	MOPUB
FLEMING	City Clerk	P.O. Box 56	Camden	MO	64017	4,364.79	4,721.39	MOPUB
FREEMAN	City Clerk	P.O. Box 98	Freeman	MO	64746	15,510.40	16,777.60	MOPUB
GARDEN CITY	City Treasurer	P.O. Box 20	Garden City	MO	64747	68,342.15	73,925.70	MOPUB
GLENAIRE	City Clerk	309 Smiley Road	Liberty	MO	64068	16,559.59	17,912.51	MOPUB
GRAIN VALLEY	City Treasurer	711 Main	Grain Valley	MO	64029	556,269.94	601,717.19	MOPUB
GRANDVIEW	City Treasurer	1200 Main St.	Grandview	MO	64030	1,570,609.16	1,698,927.93	MOPUB
GREENRIDGE	City Clerk	P.O. Box 127	Greenridge	MO	65332	19,189.16	20,756.91	MOPUB
HARWOOD	City Clerk	P.O. Box 25	Harwood	MO	64750	2,143.50	2,318.62	MOPUB
HENRIETTA	City Clerk	202 Main	Henrietta	MO	64036	13,344.91	14,435.19	MOPUB
IONIA	City Clerk	503 North C	Ionia	MO	65335	4,584.09	4,958.61	MOPUB
JAMESPORT	City Clerk	P.O. Box 222	Jamesport	MO	64648	28,107.81	30,404.22	MOPUB
KANSAS CITY	Revenue Division	414 East 12th St	Kansas City	MO	64106	6,183,367.90	6,688,549.06	MOPUB
KINGSVILLE	City Clerk	P.O. Box 32	Kingsville	MO	64061	71,662.20	77,517.00	MOPUB
KNOB NOSTER	City Clerk	218 N State	Knob Noster	MO	65336	112,368.64	121,549.16	MOPUB
LAKE LOTAWANA	City Treasurer	100 Lake Lotawana Dr	Lake Lotawana	MO	64086	115,542.27	124,982.07	MOPUB
LAKE WINNEBAGO	City Clerk	10 Winnebago Dr.	Lake Winnebago	MO	64034	63,111.11	68,267.29	MOPUB
LAREDO	City Clerk	P.O. Box A	Laredo	MO	64652	9,036.97	9,775.29	MOPUB
LEE'S SUMMIT	City Treasurer	P.O. Box 1600	Lee's Summit	MO	64063	7,143,508.35	7,727,132.98	MOPUB
LEVASY	City Treasurer	P.O. Box 68	Levasy	MO	64066	5,872.68	6,352.48	MOPUB
LEXINGTON	City Collector	919 Franklin	Lexington	MO	64067	249,319.94	269,689.38	MOPUB
LIBERTY	Finance Director	101 E Kansas	Liberty	MO	64069	2,190,066.63	2,368,995.07	MOPUB
LINCOLN	City Clerk	P.O. Box 17	Lincoln	MO	65338	57,122.92	61,789.86	MOPUB
LOCK SPRINGS	City Clerk	200 Lock Springs Lake	Lock Springs	MO	64648	2,102.78	2,274.58	MOPUB
MARTINSVILLE	City Clerk	RR 1 Box 99	Martinsville	MO	64467	1,001.89	1,083.74	MOPUB
METZ	City Clerk	290 W. Walnut	Metz	MO	64765	2,568.23	2,778.05	MOPUB
MILFORD	City Clerk	724 E C Hwy	Lamar	MO	64759	914.31	989.01	MOPUB
MILO	City Clerk	P.O. Box 5	Milo	MO	64767	2,592.76	2,804.59	MOPUB
MISSOURI CITY	City Clerk	P.O. Box 264	Missouri City	MO	64072	11,954.97	12,931.69	MOPUB
MOUNDVILLE	City Clerk	294 E. Second St	Moundville	MO	64771	3,703.06	4,005.60	MOPUB
MT MORIAH	City Clerk	102 First St	Mt Moriah	MO	64481	3,086.54	3,338.71	MOPUB
NAPOLEON	City Treasurer	P.O. Box 112	Napoleon	MO	64074	8,597.15	9,299.54	MOPUB
NEVADA	City Clerk	110 S Ash	Nevada	MO	64772	730,345.67	790,014.91	MOPUB
NORBORNE	City Clerk	109 East Second St.	Norborne	MO	64668	28,651.25	30,992.06	MOPUB
ORRICK	Clty Clerk	P.O. Box 227	Orrick	MO	64077	54,939.75	59,428.33	MOPUB
PLATTE CITY	City Treasurer	400 Main St.	Platte City	MO	64079	242,441.97	262,249.48	MOPUB
PLEASANT HILL	City Clerk	203 Paul St.	Pleasant Hill	MO	64080	680,144.78	735,712.61	MOPUB
RAYMORE	Finance Director	100 Municipal Circle	Raymore	MO	64083	1,092,795.82	1,182,077.24	MOPUB
RAYTOWN	Finance Director	10000 E 59th St.	Raytown	MO	64133	1,397,999.94	1,512,216.54	MOPUB
RICHARDS	City Clerk	Rt 1, Box 152C	Richards	MO	64778	2,249.57	2,433.36	MOPUB
RICHMOND	City Treasurer	205 Summit St.	Richmond	MO	64085	316,500.14	342,358.20	MOPUB
RIDGEWAY	Clty Clerk	P.O. Box 182	Ridgeway	MO	64481	36,681.29	39,678.15	MOPUB
ROCKVILLE	City Clerk	P.O. Box 57	Rockville	MO	64780	8,734.23	9,447.82	MOPUB

City Name	Contact	Address	City	State	Zip	Franchise Taxes Paid	Paid Franchise Taxes, (G), Increased by Proposed Rate Increase Amount	Bus Unit
ROSCOE	Clty Clerk	P.O. Box 34	Roscoe	MO	64781	6,041.15	6,534.71	MOPUB
SEDALIA	Finance Departmen	200 South Osage	Sedalia	MO	65301	1,341,613.10	1,451,222.89	MOPUB
SHELDON	Clty Clerk	P.O. Box 500	Sheldon	MO	64784	19,432.19	21,019.80	MOPUB
STRASBURG	City Clerk	P.O. Box 168	Strasburg	MO	64090	6,504.75	7,036.19	MOPUB
TINDALL	Clty Clerk	4094 Shanklin	Tindall	MO	64683	2,720.02	2,942.25	MOPUB
TRIMBLE	Clty Clerk	P.O. Box 873	Trimble	MO	64492	16,390.87	17,730.00	MOPUB
WARRENSBURG	City Treasurer	102 S Holden St.	Warrensburg	MO	64093	1,583,496.17	1,712,867.81	MOPUB
WARSAW	City Clerk	P.O. Box 68	Warsaw	MO	65355	163,116.02	176,442.60	MOPUB
WELLINGTON	City Clerk	P.O. Box 598	Wellington	MO	64097	31,967.19	34,578.91	MOPUB
						38,885,218.60	42,062,140.96	

GMO- MPS Proposed Revenue - Direct Filing

MPS	kWh	Revenue (excluding FAC, MEEIA, and RESRAM)	Adjustments	Base Rate Revenue	Requested Increase	Pre- MEEIA Opt-out Revenues	Increase to be applied to rates	Final Base Revenue	Combined Increase %
					$ 33,749,692	$ 23,100			
RESIDENTIAL TOTAL	2,738,828,605	$ 297,400,848	$ 42,531	$ 297,443,379	$ 18,749,576	$ -	$ 18,749,576	$ 316,192,955	6.3036%
SMALL GEN SVC TOTAL	759,292,652	$ 75,873,144	$ 21,163	$ 75,894,307	$ 4,784,057	$ 5,537	$ 4,789,594	$ 80,683,901	6.3109%
LARGE GEN SVC TOTAL	946,149,463	$ 72,320,065	$ 104,415	$ 72,424,480	$ 4,565,334	$ 6,899	$ 4,572,233	$ 76,996,713	6.3131%
LARGE POWER TOTAL	1,462,359,482	$ 88,616,346	$ 501,611	$ 89,117,957	$ 5,617,620	$ 10,663	$ 5,628,284	$ 94,746,241	6.3155%
GENERAL TOD SVC TOTAL	502,101	$ 48,305	$ -	$ 48,305	$ 3,045	$ -	$ 3,045	$ 51,350	6.3036%
THERMAL SVC TOTAL	7,304,788	$ 476,862	$ -	$ 476,862	$ 30,059	$ -	$ 30,059	$ 506,921	6.3036%
MPS Non-Res TOTAL	3,175,608,486	$ 237,334,722	$ 627,189	$ 237,961,911					
MPS Metered TOTALS	5,914,437,091	$ 534,735,570	$ 669,720	$ 535,405,290		$ 23,100			
MPS Lighting TOTAL:	44,753,480	$ 9,650,359	$ -	$ 9,650,359	$ -	$ -	$ -	$ 9,650,359	0.0000%
MPS TOTAL	**5,959,190,571**	**$ 544,385,929**	**$ 669,720**	**$ 545,055,649**	**$ 33,749,692**	**$ 23,100**	**$ 33,772,792**	**$ 578,828,441**	
		Increase $			$ 33,749,692	$ 23,100	$ 33,772,792		

ADJUSTMENTS include MPower, EDR, Primary Discounts, Excess Facility/Line Extension Charges, Net Metering Credit and Curtailment Credits

Pre-MEEIA Annual Amortization	$	478,775
Total kWh		5,914,437,091
Pre-MEEIA Rate		**0.00008**
Opt-out kWh		285,354,800
Revenue lost via Pre-MEEIA Opt-out	$	23,100

GMO-MPS RESIDENTIAL
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**Proposed Rates**	**Proposed Scenarios**
			2.488%	
CUSTOMER CHARGE				
One Meter	10.43	15.00	15.00	
One Meter - Other Use	17.18	13.75	13.75	
ENERGY CHARGE				
Summer Rate				
Summer Gen - RES MO860, MO865, MO866, MO870				
0-600	0.1115	0.11427	0.11427	
600-1000	0.1148	0.11767	0.11767	
1000+	0.1205	0.12350	0.12350	
Winter Rates				
Winter Gen - RES MO860, MO865				
0-600	0.1115	0.11428	0.11428	
600-1000	0.0764	0.07830	0.07830	
1000+	0.0764	0.07830	0.07830	
Winter Gen&S/H - RES MO870, MO866				($880)
0-600	0.1115	0.11428	0.11428	
600-1000	0.0601	0.06160	0.06160	
1000+	0.0497	0.05094	0.05094	
Gen/Other Use - RES MO815				
Winter	0.1079	0.11058	0.11058	
Summer	0.1304	0.13364	0.13364	
Time of Day - MO600				
Customer Charge	18.46	18.92	18.92	
Summer On-Peak	0.2036	0.20867	0.20867	
Summer Shoulder	0.1131	0.11591	0.11591	
Summer Off-Peak	0.0679	0.06959	0.06959	
Winter On-Peak	0.1307	0.13395	0.13395	
Winter Off-Peak	0.0522	0.05350	0.05350	
Factor MO860		106.66%	100.00%	
Factor MO860 - Winter		107.60%	100.00%	
Factor MO870		105.86%	100.00%	
Factor MO870 - Winter		106.33%	100.00%	
Factor MO815		94.03%	100.00%	
Factor MO815 - Winter		94.09%	100.00%	
Factor T-O-D				
Overall Change (*)		6.30%	6.30%	
Winter Price Below Summer (SUM-WIN)/SUM	20.1%	18.9%	18.9%	
Revenue	$297,443,379	$316,192,075	$316,192,075	
Increase		$18,748,696	$18,748,696	
Design increase per Revenue Summary			$18,749,576	
			($880)	

0.069528181

MO RESIDENTIAL - MPS
RATE MO860, MO865 (GENERAL USE & NET METERING)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	560,780.9	$10.43	$5,848,945	$15.00	$8,411,714	$15.00	$8,411,714
KWH:							
0 - 600	300,142,828.2	$0.1115	$33,465,925	$0.1143	$34,297,321	$0.1143	$34,297,321
601 - 1000	144,876,840.8	$0.1148	$16,631,861	$0.1177	$17,047,658	$0.1177	$17,047,658
1000+	193,166,659.8	$0.1205	$23,276,583	$0.1235	$23,856,082	$0.1235	$23,856,082
	638,186,328.8		$73,374,369		$75,201,061		$75,201,061
>			$0		$0		$0
REVENUE			$79,223,314		$83,612,775		$83,612,775
c/kwh			$0.1241		$0.1310		$0.1310
OVERALL CHANGE (%)					5.54%		5.54%
used to reference avg customer	1,138						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	1,117,458.3	$10.43	$11,655,090	$15.00	$16,761,874	$15.00	$16,761,874
KWH:							
0 - 600	532,863,960.8	$0.1115	$59,414,332	$0.1143	$60,895,693	$0.1143	$60,895,693
601 - 1000	150,738,855.3	$0.0764	$11,516,449	$0.0783	$11,802,852	$0.0783	$11,802,852
1000+	152,868,999.7	$0.0764	$11,679,192	$0.0783	$11,969,643	$0.0783	$11,969,643
	836,471,815.8		$82,609,972		$84,668,188		$84,668,188
>			$0		$0		$0
REVENUE			$94,265,062		$101,430,063		$101,430,063
c/kwh			$0.1127		$0.1213		$0.1213
OVERALL CHANGE (%)					7.60%		7.60%
used to reference avg customer	749						

ANNUAL	1,474,658,145	$173,488,376	$185,042,838		$185,042,838
c/kwh		$0.1176	$0.1255		$0.1255
OVERALL CHANGE (%)			6.66%		6.66%
Winter Price Below Summer (SUM-WIN)/SUM		5.2%	4.2%		4.2%

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MO RESIDENTIAL - MPS
RATE MO870, MO866 (GENERAL USE WITH SPACE HEAT & NET METERING)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	321,219.1	$10.43	$3,350,316	$15.00	$4,818,287	$15.00	$4,818,287
KWH:							
0 - 600	177,893,872.3	$0.1115	$19,835,167	$0.1143	$20,327,933	$0.1143	$20,327,933
601 - 1000	90,345,857.6	$0.1148	$10,371,704	$0.1177	$10,630,997	$0.1177	$10,630,997
1000+	146,995,729.5	$0.1205	$17,712,985	$0.1235	$18,153,973	$0.1235	$18,153,973
	415,235,459.4		$47,919,857		$49,112,902		$49,112,902
>			$0		$0		$0
REVENUE			$51,270,172		$53,931,189		$53,931,189
c/kwh			$0.1235		$0.1299		$0.1299
OVERALL CHANGE (%)					5.19%		5.19%
used to reference avg customer	*1,293*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	642,582.1	$10.43	$6,702,132	$15.00	$9,638,732	$15.00	$9,638,732
KWH:							
0 - 600	353,308,494.5	$0.1115	$39,393,897	$0.1143	$40,376,095	$0.1143	$40,376,095
601 - 1000	147,505,215.2	$0.0601	$8,865,063	$0.0616	$9,086,321	$0.0616	$9,086,321
1000+	344,954,867.9	$0.0497	$17,144,257	$0.0509	$17,572,001	$0.0509	$17,572,001
	845,768,577.6		$65,403,218		$67,034,417		$67,034,417
>			$0		$0		$0
REVENUE			$72,105,349		$76,673,149		$76,673,149
c/kwh			$0.0853		$0.0907		$0.0907
OVERALL CHANGE (%)					6.33%		6.33%
used to reference avg customer	*1,316*						

ANNUAL	1,261,004,037	$123,375,521	$130,604,338	$130,604,338
c/kwh		$0.0978	$0.1036	$0.1036
OVERALL CHANGE (%)			5.86%	5.86%
Winter Price Below Summer (SUM-WIN)/SUM		20.8%	20.2%	20.2%

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MO RESIDENTIAL - MPS
RATE MO815 (GENERAL USE OTHER)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	4,200.7	$17.18	$72,168	$13.75	$57,760	$13.75	$57,760
KWH:							
All KWH	897,496.7	$0.1304	$117,034	$0.1336	$119,941	$0.1336	$119,941
	897,496.7		$117,034		$119,941		$119,941
REVENUE			$189,202		$177,701		$177,701
c/kwh			$0.2108		$0.1980		$0.1980
OVERALL CHANGE (%)					-6.08%		-6.08%
used to reference avg customer	*213.6542751*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	8,498.4	$17.18	$146,003	$13.75	$116,853	$13.75	$116,853
KWH:							
All KWH	2,263,926.5	$0.1079	$244,278	$0.1106	$250,345	$0.1106	$250,345
	2,263,926.5		$244,278		$250,345		$250,345
REVENUE			$390,280		$367,198		$367,198
c/kwh			$0.1724		$0.1622		$0.1622
OVERALL CHANGE (%)					-5.91%		-5.91%
used to reference avg customer	*266*						
ANNUAL	3,161,423		$579,482		$544,899		$544,899
c/kwh			$0.1833		$0.1724		$0.1724
OVERALL CHANGE (%)					-5.97%		-5.97%
Winter Price Below Summer (SUM-WIN)/SUM			18.2%		18.1%		18.1%

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MO RESIDENTIAL - MPS
RATE MO600 (GENERAL USE TIME OF DAY)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	-	$18.46	$0	$18.92	$0	$18.92	$0
KWH:							
On-Peak	-	$0.2036	$0	$0.2087	$0	$0.2087	$0
Shoulder	-	$0.1131	$0	$0.1159	$0	$0.1159	$0
Off-Peak	-	$0.0679	$0	$0.06959	$0	$0.06959	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	-	18.46	$0	18.92	$0	18.92	$0
KWH:							
On-Peak	-	$0.1307	$0	$0.1340	$0	$0.1340	$0
Off-Peak	-	$0.0522	$0	$0.0535	$0	$0.0535	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

ANNUAL	-	$0		$0	$0
c/kwh		#DIV/0!		#DIV/0!	#DIV/0!
OVERALL CHANGE (%)				#DIV/0!	#DIV/0!
Winter Price Below Summer (SUM-WIN)/SUM		#DIV/0!		#DIV/0!	#DIV/0!
SUMMER TOTAL (ALL RATES)	1,054,319,285	$130,682,688		$137,721,666	$137,721,666
WINTER TOTAL (ALL RATES)	1,684,504,320	$166,760,691		$178,470,410	$178,470,410
GRAND TOTAL (ANNUAL - ALL RATES)	**2,738,823,605**	**$297,443,379**		**$316,192,075**	**$316,192,075**
c/kwh Summer		**$0.1239**		**$0.1306**	**$0.1306**
c/kwh Winter		**$0.0990**		**$0.1059**	**$0.1059**
c/kwh Annual		**$0.1086**		**$0.1154**	**$0.1154**
Winter Price Below Summer (SUM-WIN)/SUM		**20.1%**		**18.9%**	**18.9%**
OVERALL CHANGE (%)				**6.30%**	**6.30%**

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GMO-MPS SMALL GENERAL SERVICES
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**PROPOSED RATES**	**Proposed Scenarios**
			6.300%	
A: CUSTOMER CHARGE				
SUMMER/WINTER				
Non-demand service (MO710)	17.19	18.35	18.35	Set equal to other customer charges
Temporary non-demand service (MO728)	17.26	18.35	18.35	
Secondary service with demand (MO711)	17.26	18.35	18.35	
Primary service with demand (MO716)	17.26	18.35	18.35	
B: DEMAND CHARGE				
SECONDARY-SUMMER: (MO711)				
Billing Demand	5.09	5.411	5.411	
SECONDARY-WINTER: (MO711)				
Base Billing Demand	3.75	3.986	3.986	
Seasonal Billing Demand	-	-	-	
				($206)
PRIMARY-SUMMER: (MO716)				
Billing Demand	3.51	3.731	3.731	
PRIMARY-WINTER: (MO716)				
Base Billing Demand	2.12	2.254	2.254	
Seasonal Billing Demand	-	-	-	
C: ENERGY CHARGE				
NON-DEMAND SUMMER: (MO710)				
Energy Charge	0.1307	0.13892	0.13892	
NON-DEMAND WINTER: (MO710)				
Base Energy	0.1082	0.11502	0.11502	
Seasonal Energy	0.0418	0.04443	0.04443	
TEMPORARY NON-DEMAND SUMMER: (MO728)				
Energy Charge	0.1307	0.13893	0.13893	
TEMPORARY NON-DEMAND WINTER: (MO728)				
Energy Charge	0.1082	0.11502	0.11502	
SECONDARY-SUMMER: (MO711)				
Energy				
0-180 hrs use per month	0.1029	0.10938	0.10938	
181-360 hrs use per month	0.0754	0.08015	0.08015	
361+ hrs use per month	0.0601	0.06389	0.06389	
		0.00000		
SECONDARY-WINTER: (MO711)				
Base Energy				
0-180 hrs use per month	0.0880	0.09354	0.09354	
181-360 hrs use per month	0.0740	0.07866	0.07866	
361+ hrs use per month	0.0601	0.06389	0.06389	
Seasonal Energy				($206)
0-180 hrs use per month	0.0419	0.04454	0.04454	
181-360 hrs use per month	0.0419	0.04454	0.04454	
361+ hrs use per month	0.0419	0.04454	0.04454	

PRIMARY-SUMMER: (MO716)			
Energy			
0-180 hrs use per month	0.1004	0.10673	0.10673
181-360 hrs use per month	0.0737	0.07834	0.07834
361+ hrs use per month	0.0584	0.06208	0.06208
PRIMARY-WINTER: (MO716)			
Base Energy			
0-180 hrs use per month	0.0857	0.09110	0.09110
181-360 hrs use per month	0.0721	0.07664	0.07664
361+ hrs use per month	0.0584	0.06208	0.06208
Seasonal Energy			
0-180 hrs use per month	0.0410	0.04358	0.04358
181-360 hrs use per month	0.0410	0.04358	0.04358
361+ hrs use per month	0.0410	0.04358	0.04358
Factor MO710		106.39%	100.00%
Factor MO710 - Winter		106.41%	100.00%
Factor MO728		106.31%	100.00%
Factor MO728 - Winter		106.30%	100.00%
Factor Secondary MO711		106.30%	100.00%
Factor Secondary MO711 - Winter		106.30%	100.00%
Factor Primary MO716		106.30%	100.00%
Factor Primary MO716 - Winter		106.30%	100.00%
Winter Price Below Summer (SUM-WIN)/SUM	28.7%	28.7%	28.7%
Overall Change		6.31%	6.31%
Revenue	$75,894,307	$80,683,695	$80,683,695
Increase		$4,789,388	$4,789,388
Design increase per Revenue Summary			$4,789,594
			($206)

MO SMALL GENERAL - MPS
MO710, MO867 (Non-Demand Service and Net Metering)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	37,291.8	$17.19	$641,046	$18.35	$684,305	$18.35	$684,305
B: ENERGY CHARGE							
Energy Charge	24,905,336.0	$0.1307	$3,255,127	$0.1389	$3,459,849	$0.1389	$3,459,849
	24,905,336.0		$3,255,127		$3,459,849		$3,459,849
>			$0		$0		$0
REVENUE			$3,896,174		$4,144,153.91		$4,144,153.91
c/kwh			$0.1564		$0.1664		$0.1664
OVERALL CHANGE (%)					6.36%		6.36%
used to reference avg base customer	*667.85*						
used to reference avg seasonal customer	-						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	74,050.8	$17.19	$1,272,933	$18.35	$1,358,832	$18.35	$1,358,832
B: ENERGY CHARGE							
Base Energy	27,974,190.4	$0.1082	$3,026,807	$0.1150	$3,217,591	$0.1150	$3,217,591
Seasonal Energy	20,582,774.8	$0.0418	$860,360	$0.0444	$914,493	$0.0444	$914,493
	48,556,965.2		$3,887,167		$4,132,084		$4,132,084
>			$0		$0		$0
REVENUE			$5,160,101		$5,490,916.25		$5,490,916.25
c/kwh			$0.1063		$0.1131		$0.1131
OVERALL CHANGE (%)					6.41%		6.41%
used to reference avg base customer	*378*						
used to reference avg seasonal customer	*278*						
ANNUAL	73,462,301		$9,056,274		$9,635,070		$9,635,070
c/kwh			$0.1233		$0.1312		$0.1312
OVERALL CHANGE (%)					6.39%		6.39%
Winter Price Below Summer (SUM-WIN)/SUM			32%		32%		32%

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MO SMALL GENERAL - MPS
MO728 (Short Term Service)

SUMMER

	BILLING UNITS	PRESENT RATES		RATES W/RATE DESIGN		PROPOSED RATES	
		Rate	Revenue	Rate	Revenue	Rate	Revenue
A: CUSTOMER COUNT	2,554.2	$17.26	$44,085	$18.35	$46,869	$18.35	$46,869
B: ENERGY CHARGE	336,796.2	$0.1307	$44,019	$0.1389	$46,791	$0.1389	$46,791
>							
REVENUE			$88,104		$93,660		$93,660
c/kwh			$0.2616		$0.2781		$0.2781
OVERALL CHANGE (%)					6.31%		6.31%
used to reference avg base customer	*132*						

WINTER

	BILLING UNITS	PRESENT RATES		RATES W/RATE DESIGN		PROPOSED RATES	
		Rate	Revenue	Rate	Revenue	Rate	Revenue
A: CUSTOMER COUNT	4,696.3	$17.26	$81,058	$18.35	$86,177	$18.35	$86,177
B: ENERGY CHARGE	932,910.9	$0.1082	$100,941	$0.1150	$107,303	$0.1150	$107,303
>							
REVENUE			$181,999		$193,480		$193,480
c/kwh			$0.1951		$0.2074		$0.2074
OVERALL CHANGE (%)					6.31%		6.31%
used to reference avg base customer	*199*						

ANNUAL	1,269,707		$270,104		$287,141		$287,141
c/kwh			$0.2127		$0.2261		$0.2261
OVERALL CHANGE (%)					6.31%		6.31%
Winter Price Below Summer (SUM-WIN)/SUM			25%		25%		25%

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MO SMALL GENERAL - MPS
MO711, MO868 (Demand Service at Secondary Voltage and Net Metering)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	76,384.3	$17.26	$1,318,393	$18.35	$1,401,652	$18.35	$1,401,652
B: DEMAND CHARGE							
Billing Demand	1,072,048.7	$5.09	$5,456,728	$5.41	$5,800,855	$5.41	$5,800,855
	1,072,048.7		$5,456,728		$5,800,855		$5,800,855
C: ENERGY CHARGE							
First 180 hours of use	159,583,649.3	$0.1029	$16,421,158	$0.1094	$17,455,260	$0.1094	$17,455,260
Next 180 hours of use	72,518,839.9	$0.0754	$5,467,921	$0.0802	$5,812,385	$0.0802	$5,812,385
Over 360 hours of use	18,970,089.6	$0.0601	$1,140,102	$0.0639	$1,211,999	$0.0639	$1,211,999
	251,072,578.8		$23,029,180		$24,479,644		$24,479,644
>			$0		$0		$0
REVENUE			$29,804,302		$31,682,151		$31,682,151
c/kwh			$0.1187		$0.1262		$0.1262
OVERALL CHANGE (%)					6.30%		6.30%
used to reference avg base customer	*3287*						
used to reference avg seasonal customer	*#REF!*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	153,458.5	$17.26	$2,648,693	$18.35	$2,815,963	$18.35	$2,815,963
B: DEMAND CHARGE							
Base Billing Demand	1,338,920.3	$3.75	$5,020,951	$3.99	$5,336,936	$3.99	$5,336,936
Seasonal Billing Demand	-	$0.00	$0	$0.00	$0	$0.00	$0
	1,338,920.3		$5,020,951		$5,336,936		$5,336,936
C: BASE ENERGY CHARGE							
First 180 hours of use	144,459,230.7	$0.0880	$12,712,412	$0.0935	$13,512,716	$0.0935	$13,512,716
Next 180 hours of use	93,529,514.3	$0.0740	$6,921,184	$0.0787	$7,357,032	$0.0787	$7,357,032
Over 360 hours of use	69,237,700.7	$0.0601	$4,161,186	$0.0639	$4,423,597	$0.0639	$4,423,597
	307,226,445.8		$23,794,782		$25,293,345		$25,293,345
D: SEASONAL ENERGY CHARGE							
Seasonal Energy Charge	125,895,874.4	$0.0419	$5,275,037	$0.0445	$5,607,402	$0.0445	$5,607,402
	125,895,874.4		$5,275,037		$5,607,402		$5,607,402
>			$0		$0		$0
REVENUE			$36,739,464		$39,053,646		$39,053,646
c/kwh			$0.0848		$0.0902		$0.0902
OVERALL CHANGE (%)					6.30%		6.30%
used to reference avg base customer	*2002*						
used to reference avg seasonal customer	*820*						
>			$0		$0		$0
ANNUAL	684,194,899		$66,543,765		$70,735,798		$70,735,798
c/kwh			$0.0973		$0.1034		$0.1034
OVERALL CHANGE (%)					6.30%		6.30%
Winter Price Below Summer (SUM-WIN)/SUM			28.5%		28.5%		28.5%

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MO SMALL GENERAL SERVICE - MPS
Demand Service at Primary Voltage MO716 (frozen)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	8.0	$17.26	$139	$18.35	$148	$18.35	$148
B: DEMAND CHARGE							
Billing Demand	218.5	$3.51	$767	$3.73	$815	$3.73	$815
	218.5		$767		$815		$815
C: ENERGY CHARGE							
First 180 hours of use	39,335.3	$0.1004	$3,949	$0.1067	$4,198	$0.1067	$4,198
Next 180 hours of use	37,548.2	$0.0737	$2,767	$0.0783	$2,942	$0.0783	$2,942
Over 360 hours of use	37,868.4	$0.0584	$2,212	$0.0621	$2,351	$0.0621	$2,351
	114,752.0		$8,928		$9,491		$9,491
>							
REVENUE			$9,834		$10,454		$10,454
c/kwh			$0.0857		$0.0911		$0.0911
OVERALL CHANGE (%)					6.30%		6.30%
used to reference avg base customer	*14257*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	16.1	$17.26	$278	$18.35	$295	$18.35	$295
B: DEMAND CHARGE							
Base Billing Demand	260.2	$2.12	$552	$2.25	$586	$2.25	$586
Seasonal Billing Demand	-	$0.00	$0	$0.00	$0	$0.00	$0
	260.2		$552		$586		$586
C: BASE ENERGY CHARGE							
First 180 hours of use	24,052.8	$0.0857	$2,061	$0.0911	$2,191	$0.0911	$2,191
Next 180 hours of use	23,987.1	$0.0721	$1,729	$0.0766	$1,838	$0.0766	$1,838
Over 360 hours of use	79,829.1	$0.0584	$4,662	$0.0621	$4,956	$0.0621	$4,956
	127,869.0		$8,453		$8,985		$8,985
D: SEASONAL ENERGY CHARGE							
Seasonal Energy Charge	123,123.5	$0.0410	$5,048	$0.0436	$5,366	$0.0436	$5,366
	123,123.5		$5,048		$5,366		$5,366
>							
REVENUE			$14,330		$15,233		$15,233
c/kwh			$0.0571		$0.0607		$0.0607
OVERALL CHANGE (%)					6.30%		6.30%
used to reference avg base customer	*7943*						
used to reference avg seasonal customer	*7648*						

ANNUAL	365,745		$24,164		$25,687		$25,687
c/kwh			$0.0661		$0.0702		$0.0702
OVERALL CHANGE (%)					6.30%		6.30%
Winter Price Below Summer (SUM-WIN)/SUM			33.4%		33.4%		33.4%

SUMMER TOTAL (MO711&MO716)	251,187,331	$29,814,136	$31,692,605	$31,692,605
WINTER TOTAL (MO711&MO716)	433,373,313	$36,753,794	$39,068,879	$39,068,879
GRAND TOTAL (ANNUAL-MO711&MO716)	**684,560,644**	**$66,567,930**	**$70,761,484**	**$70,761,484**
c/kwh		**$0.0972**	**$0.1034**	**$0.1034**
OVERALL WINTER ENERGY CHANGE			**6.30%**	**6.30%**
OVERAL CHANGE (%)			**6.30%**	**6.30%**

SUMMER TOTAL (ALL RATES)	276,429,463	$33,798,414	$35,930,419	$35,930,419
WINTER TOTAL (ALL RATES)	482,863,189	$42,095,894	$44,753,276	$44,753,276
GRAND TOTAL (ANNUAL - ALL RATES)	**759,292,652**	**$75,894,307**	**$80,683,695**	**$80,683,695**
c/kwh Summer		**$0.1223**	**$0.1300**	**$0.1300**
c/kwh Winter		**$0.0872**	**$0.0927**	**$0.0927**
c/kwh Annual		**$0.1000**	**$0.1063**	**$0.1063**
Winter Price Below Summer (SUM-WIN)/SUM		**28.7%**	**28.7%**	**28.7%**
OVERALL CHANGE (%)			**6.31%**	**6.31%**

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GMO-MPS LARGE GENERAL SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**PROPOSED RATES**	**Proposed Scenarios**
			6.313%	
A: CUSTOMER CHARGE				
SUMMER/WINTER				
Secondary Service (MO720)	66.73	70.94	70.94	
Primary Service (MO725)	66.73	70.94	70.94	
B: DEMAND CHARGE				
SECONDARY-SUMMER: (MO720)				
Billing Demand	4.94	5.252	5.252	
SECONDARY-WINTER: (MO720)				
Base Billing Demand	3.40	3.614	3.614	
Seasonal Billing Demand	-	-	-	
PRIMARY-SUMMER: (MO725)				
Billing Demand	3.41	3.625	3.625	
PRIMARY-WINTER: (MO725)				
Base Billing Demand	2.06	2.190	2.190	
Seasonal Billing Demand	-	-	-	
C: ENERGY CHARGE				($840)
SECONDARY-SUMMER: (MO720)				
Energy Charge				
0-180 hrs use per month	0.0929	0.09876	0.09876	
181-360 hrs use per month	0.0681	0.07240	0.07240	
361+ hrs use per month	0.0543	0.05773	0.05773	
SECONDARY-WINTER: (MO720)				
Base Energy				
0-180 hrs use per month	0.0681	0.07240	0.07240	
181-360 hrs use per month	0.0570	0.06060	0.06060	
361+ hrs use per month	0.0543	0.05773	0.05773	
Seasonal Energy	0.0407	0.04327	0.04327	
PRIMARY-SUMMER: (MO725)				
Energy				
0-180 hrs use per month	0.0906	0.09632	0.09632	
181-360 hrs use per month	0.0663	0.07049	0.07049	
361+ hrs use per month	0.0527	0.05603	0.05603	
PRIMARY-WINTER: (MO725)				
Base Energy				
0-180 hrs use per month	0.0663	0.07049	0.07049	
181-360 hrs use per month	0.0558	0.05932	0.05932	
361+ hrs use per month	0.0527	0.05603	0.05603	
Seasonal Energy	0.0397	0.04221	0.04221	
Factor Secondary MO720		106.31%	100.00%	
Factor Secondary MO720 - Winter		106.31%	100.00%	
Factor Primary MO725		106.32%	100.00%	
Factor Primary MO725 - Winter		106.32%	100.00%	
Winter Price Below Summer (SUM-WIN)/SUM	31.4%	31.4%	31.4%	
Overall Change		6.31%	6.31%	
Revenue	$72,424,481	$76,995,874	$76,995,874	
Increase		$4,571,393	$4,571,393	
Design increase per Revenue Summary			$4,572,233	
			($840)	

MO LARGE GENERAL - MPS
Secondary Voltage and Net Metering MO720, MO722

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue	
A: CUSTOMER CHARGE	6,000.1	$66.73	$400,389	$70.94	$425,650	$70.94	$425,650	0.33
								0.67
B: DEMAND CHARGE								
Billing Demand	1,055,456.0	$4.94	$5,213,953	$5.25	$5,543,255	$5.25	$5,543,255	
	1,055,456.0		$5,213,953		$5,543,255		$5,543,255	
C: ENERGY CHARGE								
First 180 hours of use	172,656,266.0	$0.0929	$16,039,767	$0.0988	$17,051,533	$0.0988	$17,051,533	
Next 180 hours of use	118,938,952.0	$0.0681	$8,099,743	$0.0724	$8,611,180	$0.0724	$8,611,180	
Over 360 hours of use	45,671,510.1	$0.0543	$2,479,963	$0.0577	$2,636,616	$0.0577	$2,636,616	
	337,266,728.1		$26,619,473		$28,299,329		$28,299,329	
>			$0					
REVENUE			$32,233,815		$34,268,234		$34,268,234	
c/kwh			$0.0956		$0.1016		$0.1016	
OVERALL CHANGE (%)					6.31%		6.31%	
used to reference avg base customer	*56210*							
used to reference avg seasonal customer	*0*							

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	11,997.7	$66.73	$800,604	$70.94	$851,115	$70.94	$851,115
B: DEMAND CHARGE							
Base Billing Demand	1,523,281.3	$3.40	$5,179,156	$3.61	$5,505,138	$3.61	$5,505,138
Seasonal Billing Demand	-	$0.00	$0	$0.00	$0	$0.00	$0
	1,523,281.3		$5,179,156		$5,505,138		$5,505,138
C: BASE ENERGY CHARGE							
First 180 hours of use	176,747,772.8	$0.0681	$12,036,523	$0.0724	$12,796,539	$0.0724	$12,796,539
Next 180 hours of use	138,002,265.5	$0.0570	$7,866,129	$0.0606	$8,362,937	$0.0606	$8,362,937
Over 360 hours of use	126,807,763.2	$0.0543	$6,885,662	$0.0577	$7,320,612	$0.0577	$7,320,612
	441,557,801.4		$26,788,314		$28,480,088		$28,480,088
D: SEASONAL ENERGY CHARGE							
Seasonal Energy Charge	149,311,113.9	$0.0407	$6,076,962	$0.0433	$6,460,692	$0.0433	$6,460,692
	149,311,114		$6,076,962		$6,460,692		$6,460,692
>			$0				
REVENUE			$38,845,037		$41,297,033		$41,297,033
c/kwh			$0.0657		$0.0699		$0.0699
OVERALL CHANGE (%)					6.31%		6.31%
used to reference avg base customer	*36804*						
used to reference avg seasonal customer	*12445*						
>			$0				
ANNUAL	928,135,643		$71,078,852		$75,565,267		$75,565,267
c/kwh			$0.0766		$0.0814		$0.0814
OVERALL CHANGE (%)					6.31%		6.31%
Winter Price Below Summer (SUM-WIN)/SUM			31.2%		31.2%		31.2%

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MO LARGE GENERAL SERVICE - MPS
Primary Voltage MO725

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue	
A: CUSTOMER CHARGE	89.0	$66.73	$5,937	$70.94	$6,311	$70.94	$6,311	0.33
								0.67
B: DEMAND CHARGE								
Billing Demand	36,593.4	$3.41	$124,783	$3.63	$132,651	$3.63	$132,651	
	36,593.4		$124,783		$132,651		$132,651	
C: ENERGY CHARGE								
First 180 hours of use	4,350,667.6	$0.0906	$394,170	$0.0963	$419,056	$0.0963	$419,056	
Next 180 hours of use	2,740,828.4	$0.0663	$181,717	$0.0705	$193,201	$0.0705	$193,201	
Over 360 hours of use	517,811.6	$0.0527	$27,289	$0.0560	$29,013	$0.0560	$29,013	
	7,609,307.6		$603,176		$641,270		$641,270	
>			$0					
REVENUE			$733,896		$780,232		$780,232	
c/kwh			$0.09645		$0.1025		$0.1025	
OVERALL CHANGE (%)					6.31%		6.31%	
used to reference avg base customer	*85533*							
used to reference avg seasonal customer	*0*							

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	170.1	$66.73	$11,351	$70.94	$12,067	$70.94	$12,067
B: DEMAND CHARGE							
Base Billing Demand	23,780.3	$2.06	$48,987	$2.19	$52,079	$2.19	$52,079
Seasonal Billing Demand	-	$0.00	$0	$0.00	$0	$0.00	$0
	23,780.3		$48,987		$52,079		$52,079
C: BASE ENERGY CHARGE							
First 180 hours of use	2,613,725.0	$0.0663	$173,290	$0.0705	$184,241	$0.0705	$184,241
Next 180 hours of use	2,278,860.8	$0.0558	$127,160	$0.0593	$135,182	$0.0593	$135,182
Over 360 hours of use	2,470,814.2	$0.0527	$130,212	$0.0560	$138,440	$0.0560	$138,440
	7,363,400.0		$430,662		$457,863		$457,863
D: SEASONAL ENERGY CHARGE							
Seasonal Energy Charge	3,041,111.7	$0.0397	$120,732	$0.0422	$128,365	$0.0422	$128,365
	3,041,111.7		$120,732		$128,365		$128,365
>			$0				
REVENUE			$611,733		$650,375		$650,375
c/kwh			$0.0588		$0.0625		$0.0625
OVERALL CHANGE (%)					6.32%		6.32%
used to reference avg base customer	*43287*						
used to reference avg seasonal customer	*17878*						

ANNUAL	18,013,819	$1,345,629	$1,430,607	$1,430,607	
c/kwh		$0.0747	$0.0794	$0.0794	
OVERALL CHANGE (%)			6.32%	6.32%	
Winter Price Below Summer (SUM-WIN)/SUM		39.0%	39.0%	39.0%	

SUMMER TOTAL (ALL RATES)	344,876,036	$32,967,711	$35,048,466	$35,048,466
WINTER TOTAL (ALL RATES)	601,273,427	$39,456,770	$41,947,408	$41,947,408
GRAND TOTAL (ANNUAL - ALL RATES)	**946,149,463**	**$72,424,481**	**$76,995,874**	**$76,995,874**
c/kwh Summer		**$0.0956**	**$0.1016**	**$0.1016**
c/kwh Winter		**$0.0656**	**$0.0698**	**$0.0698**
c/kwh Annual		**$0.0765**	**$0.0814**	**$0.0814**
Winter Price Below Summer (SUM-WIN)/SUM		**31.4%**	**31.4%**	**31.4%**
OVERALL CHANGE (%)			**6.31%**	**6.31%**

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GMO-MPS LARGE POWER SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**PROPOSED RATES**	**Proposed Scenarios**
			6.316%	
A: CUSTOMER CHARGE				
SUMMER/WINTER				
Secondary Service (MO730)	179.01	190.32	190.32	
Primary Service (MO735)	179.01	190.32	190.32	
B: DEMAND CHARGE				
SECONDARY-SUMMER: (MO730)				
Billing Demand	9.81	10.430	10.430	
SECONDARY-WINTER: (MO730)				
Base Billing Demand	7.17	7.622	7.622	
Seasonal Billing Demand	-	-	-	
PRIMARY-SUMMER: (MO735)				
Billing Demand	8.15	8.665	8.665	
PRIMARY-WINTER: (MO735)				
Base Billing Demand	5.23	5.559	5.559	
Seasonal Billing Demand	-	-	-	
C: ENERGY CHARGE				($164)
SECONDARY-SUMMER: (MO730)				
Energy				
0-180 hrs use per month	0.0782	0.08314	0.08314	
181-360 hrs use per month	0.0514	0.05465	0.05465	
361+ hrs use per month	0.0412	0.04380	0.04380	
SECONDARY-WINTER: (MO730)				
Base Energy				
0-180 hrs use per month	0.0520	0.05528	0.05528	
181-360 hrs use per month	0.0465	0.04944	0.04944	
361+ hrs use per month	0.0411	0.04370	0.04370	
Seasonal Energy	0.0403	0.04285	0.04285	
PRIMARY-SUMMER: (MO735)				
Energy				
0-180 hrs use per month	0.0766	0.08144	0.08144	
181-360 hrs use per month	0.0499	0.05305	0.05305	
361+ hrs use per month	0.0403	0.04284	0.04284	
PRIMARY-WINTER: (MO735)				
Base Energy				
0-180 hrs use per month	0.0509	0.05411	0.05411	
181-360 hrs use per month	0.0454	0.04827	0.04827	
361+ hrs use per month	0.0402	0.04274	0.04274	
Seasonal Energy	0.0394	0.04189	0.04189	
D: REACTIVE DEMAND	0.40	0.425	0.425	
E: RTP - SPECIAL CONTRACT				
Service Charge (CBL peak kW > 500 for 3 consecutive	296.57	315.30	315.30	
Service Charge (all other)	336.86	358.13	358.13	
Transmission Congestion Charge-Primary	0.0475	0.05050	0.05050	
Transmission Congestion Charge-Secondary	0.0488	0.05188	0.05188	
Short-term Fixed Power Transaction Fee	222.41	236.46	236.46	
Factor Secondary MO730		106.32%	100.00%	
Factor Secondary MO730 - Winter		106.32%	100.00%	
Factor Primary MO735		106.31%	100.00%	
Factor Primary MO735 - Winter		106.31%	100.00%	
Winter Price Below Summer (SUM-WIN)/SUM	27.6%	27.6%	27.6%	
Overall Change		6.28%	6.32%	
Revenue	$89,117,957	$94,711,012	$94,746,078	
Increase		$5,593,055	$5,628,120	
Design increase per Revenue Summary			$5,628,284	
			($164)	

MO LARGE POWER - MPS
Secondary Voltage MO730, MO732 (SECONDARY & NET METERING)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	532.3	$179.01	$95,296	$190.32	$101,316	$190.32	$101,316
B: DEMAND CHARGE							
Billing Demand	489,065.6	$9.81	$4,797,734	$10.43	$5,100,954	$10.43	$5,100,954
	489,065.6		$4,797,734		$5,100,954		$5,100,954
C: ENERGY CHARGE							
First 180 hours of use	86,439,555.1	$0.0782	$6,759,573	$0.0831	$7,186,585	$0.0831	$7,186,585
Next 180 hours of use	82,558,019.0	$0.0514	$4,243,482	$0.0547	$4,511,796	$0.0547	$4,511,796
Over 360 hours of use	68,226,929.7	$0.0412	$2,810,950	$0.0438	$2,988,340	$0.0438	$2,988,340
	237,224,503.8		$13,814,005		$14,686,720		$14,686,720
E: REACTIVE DEMAND ADJUSTMENT	36,862.5	$0.4000	$14,745	$0.4250	$15,667	$0.4250	$15,667
>							
REVENUE			$18,721,779		$19,904,657		$19,904,657
c/kwh			$0.0789		$0.0839		$0.0839
OVERALL CHANGE (%)					6.32%		6.32%
used to reference avg base customer	*445619*						
used to reference avg seasonal customer	*0*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	1,068.9	$179.01	$191,336	$190.32	$203,425	$190.32	$203,425
B: DEMAND CHARGE							
Base Billing Demand	703,203.4	$7.17	$5,041,968	$7.62	$5,359,816	$7.62	$5,359,816
Seasonal Billing Demand	-	$0.00	$0	$0.00	$0	$0.00	$0
	703,203.4		$5,041,968		$5,359,816		$5,359,816
C: BASE ENERGY CHARGE							
First 180 hours of use	91,894,574.9	$0.0520	$4,778,518	$0.0553	$5,079,932	$0.0553	$5,079,932
Next 180 hours of use	88,191,954.1	$0.0465	$4,100,926	$0.0494	$4,360,210	$0.0494	$4,360,210
Over 360 hours of use	136,045,636.9	$0.0411	$5,591,476	$0.0437	$5,945,194	$0.0437	$5,945,194
	316,132,165.9		$14,470,919		$15,385,337		$15,385,337
D: SEASONAL ENERGY CHARGE							
	95,641,172.2	$0.0403	$3,854,339	$0.0429	$4,098,224	$0.0429	$4,098,224
	95,641,172.2		$3,854,339		$4,098,224		$4,098,224
E: REACTIVE DEMAND ADJUSTMENT	42,562.3	$0.4000	$17,025	$0.4250	$18,089	$0.4250	$18,089
>							
REVENUE			$23,575,588		$25,064,891		$25,064,891
c/kwh			$0.0573		$0.0609		$0.0609
OVERALL CHANGE (%)					6.32%		6.32%
used to reference avg base customer	*295766*						
used to reference avg seasonal customer	*89480*						
ADJUSTMENT			$0		$0		$0
ANNUAL	648,997,842		$42,297,367		$44,969,548		$44,969,548
c/kwh			$0.0652		$0.0693		$0.0693
OVERALL CHANGE (%)					6.32%		6.32%
Winter Price Below Summer (SUM-WIN)/SUM			27.5%		27.5%		27.5%

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MO LARGE GENERAL SERVICE - MPS
Primary Voltage MO735

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	153.4	$179.01	$27,459	$190.32	$29,194	$190.32	$29,194
B: DEMAND CHARGE							
Billing Demand	528,775.5	$8.15	$4,309,520	$8.67	$4,581,840	$8.67	$4,581,840
	528,775.5		$4,309,520		$4,581,840		$4,581,840
C: ENERGY CHARGE							
First 180 hours of use	94,651,506.0	$0.0766	$7,250,305	$0.0814	$7,708,419	$0.0814	$7,708,419
Next 180 hours of use	92,561,258.9	$0.0499	$4,618,807	$0.0531	$4,910,375	$0.0531	$4,910,375
Over 360 hours of use	99,841,157.9	$0.0403	$4,023,599	$0.0428	$4,277,195	$0.0428	$4,277,195
	287,053,922.8		$15,892,711		$16,895,989		$16,895,989
E: REACTIVE DEMAND ADJUSTMENT	49,715.4	$0.4000	$19,886	$0.4250	$21,129	$0.4250	$21,129
>							
REVENUE			$20,249,576		$21,528,151		$21,528,151
c/kwh			$0.0705		$0.0750		$0.0750
OVERALL CHANGE (%)					6.31%		6.31%
used to reference avg base customer	*1,871,357*						
used to reference avg seasonal customer	*0*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	308.2	$179.01	$55,173	$190.32	$58,659	$190.32	$58,659
B: DEMAND CHARGE							
Base Billing Demand	722,698.5	$5.23	$3,779,713	$5.56	$4,017,481	$5.56	$4,017,481
Seasonal Billing Demand	-	$0.00	$0	$0.00	$0	$0.00	$0
	722,698.5		$3,779,713		$4,017,481		$4,017,481
C: BASE ENERGY CHARGE							
First 180 hours of use	97,890,161.8	$0.0509	$4,982,609	$0.0541	$5,296,837	$0.0541	$5,296,837
Next 180 hours of use	95,155,887.4	$0.0454	$4,320,077	$0.0483	$4,593,175	$0.0483	$4,593,175
Over 360 hours of use	191,266,473.6	$0.0402	$7,688,912	$0.0427	$8,174,729	$0.0427	$8,174,729
	384,312,522.9		$16,991,599		$18,064,740		$18,064,740
D: SEASONAL ENERGY CHARGE							
	119,060,935.1	$0.0394	$4,691,001	$0.0419	$4,987,463	$0.0419	$4,987,463
	119,060,935.1		$4,691,001		$4,987,463		$4,987,463
E: REACTIVE DEMAND ADJUSTMENT	80,316.0	$0.4000	$32,126	$0.4250	$34,134	$0.4250	$34,134
>							
REVENUE			$25,549,613		$27,162,478		$27,162,478
c/kwh			$0.0508		$0.0540		$0.0540
OVERALL CHANGE (%)					6.31%		6.31%
used to reference avg base customer	*1246904*						
used to reference avg seasonal customer	*386294*						
ADJUSTMENT			$0		$0		$0
ANNUAL	790,427,381		$45,799,189		$48,690,629		$48,690,629
c/kwh			$0.0579		$0.0616		$0.0616
OVERALL CHANGE (%)					6.31%		6.31%
Winter Price Below Summer (SUM-WIN)/SUM			28.0%		28.0%		28.0%

MO LARGE POWER - MPS
RTP Secondary MO731

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	-	$296.57	$0	$315.30	$0	$315.30	$0
B: ENERGY CHARGE							
CBL	-		$0		$0		$0
RTP	-		$0		$0		$0
	-		$0		$0		$0
C: REACTIVE DEMAND ADJUSTMENT	-	$0.4000	$0	$0.4250	$0	$0.4250	$0
>							
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg base customer	#DIV/0!						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	-	$296.57	$0	$315.30	$0	$315.30	$0
B: ENERGY CHARGE							
CBL			$0		$0		$0
RTP			$0		$0		$0
	-		$0		$0		$0
C: REACTIVE DEMAND ADJUSTMENT	-	$0.4000	$0	$0.4250	$0	$0.4250	$0
>							
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg base customer	*#DIV/0!*						

ANNUAL	-		$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
Winter Price Below Summer (SUM-WIN)/SUM			#DIV/0!		#DIV/0!		#DIV/0!

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MO LARGE POWER - MPS
RTP MO737

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	7.7	$296.57	$2,297	$315.30	$2,442	$315.30	$2,442
B: ENERGY CHARGE							
CBL	961,327.4		$186,736		$186,736		$198,529
RTP	6,810,771.5		$171,735		$182,581		$182,581
	6,179,684.7		$358,471		$369,317		$381,110
C: REACTIVE DEMAND ADJUSTMENT	13,356.8	$0.4000	$5,343	$0.4250	$5,677	$0.4250	$5,677
>							
REVENUE			$366,111		$377,435		$389,229
c/kwh			$0.0592		$0.0611		$0.0630
OVERALL CHANGE (%)					3.09%		6.31%
used to reference avg base customer	797849						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE	15.6	$296.57	$4,629	$315.30	$4,921	$315.30	$4,921
B: ENERGY CHARGE							
CBL	1,872,943.0		$368,493		$368,493		$391,765
RTP	13,289,217.6		$276,490		$293,952		$293,952
	12,359,369.3		$644,983		$662,445		$685,717
C: REACTIVE DEMAND ADJUSTMENT	14,197.4	$0.4000	$5,679	$0.4250	$6,034	$0.4250	$6,034
>							
REVENUE			$655,291		$673,400		$696,672
c/kwh			$0.0530		$0.0545		$0.0564
OVERALL CHANGE (%)					2.76%		6.31%
used to reference avg base customer	*791870*						

ANNUAL	18,539,054	$1,021,401	$1,050,835	$1,085,900
c/kwh		$0.0551	$0.0567	$0.0586
OVERALL CHANGE (%)			2.88%	6.31%
Winter Price Below Summer (SUM-WIN)/SUM		10.5%	10.8%	10.5%

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SUMMER TOTAL (ALL RATES)	530,458,111	$39,337,466	$41,810,244	$41,822,037
WINTER TOTAL (ALL RATES)	927,506,165	$49,780,491	$52,900,768	$52,924,041
GRAND TOTAL (ANNUAL - ALL RATES)	**1,457,964,277**	**$89,117,957**	**$94,711,012**	**$94,746,078**
c/kwh Summer		**$0.0742**	**$0.0788**	**$0.0788**
c/kwh Winter		**$0.0537**	**$0.0570**	**$0.0571**
c/kwh Annual		**$0.0611**	**$0.0650**	**$0.0650**
Winter Price Below Summer (SUM-WIN)/SUM		**27.6%**	**27.6%**	**27.6%**
OVERALL CHANGE (%)			**6.28%**	**6.32%**

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GMO-MPS THERMAL ENERGY STORAGE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**PROPOSED RATES**	**Proposed Scenarios**
			6.3036%	
A: CUSTOMER CHARGE				
MO650, MO 660	200.91	213.57	213.57	
B: DEMAND CHARGE				
SUMMER				
MO650	10.19	10.832	10.832	
MO660	8.50	9.036	9.036	
WINTER				
MO650	7.46	7.930	7.930	
MO660	5.46	5.804	5.804	
C: ENERGY CHARGE				
MO650, MO660				
SUMMER				
Peak	0.0811	0.08621	0.08621	
Shoulder	0.0455	0.04837	0.04837	
Off-Peak	0.0408	0.04337	0.04337	
WINTER		-		
Peak	0.0455	0.04837	0.04837	
Off-Peak	0.0408	0.04337	0.04337	
Factor All Rates		106.30%	100.00%	
Factor All Rates - Winter		106.30%	100.00%	
Winter Price Below Summer (SUM-WIN)/SUM	16.9%	16.9%	16.9%	
Overall Change		6.30%	6.30%	
Revenue	$476,862	$506,917	$506,917	
Increase		$30,055	$30,055	
Design increase per Revenue Summary			$30,059	
			($4)	

MO THERMAL ENERGY STORAGE SERVICE - MPS
RATES MO650

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE							
All	4.0	$200.91	$804	$213.57	$854	$213.57	$854
	4.0		$804		$854		$854
B: DEMAND CHARGE							
All KW	5,979.0	$10.19	$60,926	$10.83	$64,765	$10.83	$64,765
	5,979.0		$60,926		$64,765		$64,765
C: ENERGY CHARGE							
Peak	746,627.0	$0.0811	$60,551	$0.0862	$64,367	$0.0862	$64,367
Shoulder	1,537,526.0	$0.0455	$69,957	$0.0484	$74,370	$0.0484	$74,370
Off-Peak	869,303.0	$0.0408	$35,468	$0.0434	$37,702	$0.0434	$37,702
	3,153,456.0		$165,976		$176,439		$176,439
FAC							
REVENUE			$227,706		$242,057		$242,057
c/kwh			$0.0722		$0.0768		$0.0768
OVERALL CHANGE (%)					6.30%		6.30%
used to reference avg base customer	788364						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER CHARGE							
All	8.0	$200.91	$1,607	$213.57	$1,709	$213.57	$1,709
	8.0		$1,607		$1,709		$1,709
B: DEMAND CHARGE							
All KW	9,086.0	$7.46	$67,782	$7.93	$72,052	$7.93	$72,052
	9,086.0		$67,782		$72,052		$72,052
C: ENERGY CHARGE							
Peak	2,211,232.0	$0.0455	$100,611	$0.0484	$106,957	$0.0484	$106,957
Off-Peak	1,940,100.0	$0.0408	$79,156	$0.0434	$84,142	$0.0434	$84,142
	4,151,332.0		$179,767		$191,099		$191,099
FAC							
REVENUE			$249,156		$264,860		$264,860
c/kwh			$0.0600		$0.0638		$0.0638
OVERALL CHANGE (%)					6.30%		6.30%
used to reference avg base customer	*518917*						

ANNUAL	7,304,788	$476,862	$506,917	$506,917
c/kwh		$0.0653	$0.0694	$0.0694
OVERALL CHANGE (%)			6.30%	6.30%
Winter Price Below Summer (SUM-WIN)/SUM		16.9%	16.9%	16.9%

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SUMMER TOTAL (ALL RATES)	3,153,456	$227,706	$242,057	$242,057
WINTER TOTAL (ALL RATES)	4,151,332	$249,156	$264,860	$264,860
GRAND TOTAL (ANNUAL - ALL RATES)	**7,304,788**	**$476,862**	**$506,917**	**$506,917**
c/kwh Summer		**$0.0722**	**$0.0768**	**$0.0768**
c/kwh Winter		**$0.0600**	**$0.0638**	**$0.0638**
c/kwh Annual		**$0.0653**	**$0.0694**	**$0.0694**
Winter Price Below Summer (SUM-WIN)/SUM		**16.9%**	**16.9%**	**16.9%**
OVERALL CHANGE (%)			**6.30%**	**6.30%**

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GMO-MPS GENERAL SERVICES TIME OF DAY
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**Proposed Rates**	**Proposed Scenarios**
			6.30360%	
CUSTOMER CHARGE				
Summer- MO610	24.86	26.43	26.43	
Summer - MO620	24.86	26.43	26.43	
Summer - MO630	80.66	85.74	85.74	
Summer - MO640	80.66	85.74	85.74	
DEMAND CHARGE				
Summer Rate				
Summer - MO620	10.65	11.321	11.321	
Summer - MO630	10.32	10.971	10.971	
Summer - MO640	7.05	7.494	7.494	
Winter Rate				
Winter - MO620	-	-	-	
Winter - MO630	-	-	-	($1)
Winter - MO640	-	-	-	
ENERGY CHARGE				
Summer Rate				
Summer Gen - TOU MO610				
On Peak	0.2082	0.22132	0.22132	
Shoulder	0.1157	0.12299	0.12299	
Off Peak	0.0694	0.07377	0.07377	
Summer Gen - TOU MO620				
On Peak	0.1273	0.13532	0.13532	
Shoulder	0.0707	0.07516	0.07516	
Off Peak	0.0426	0.04529	0.04529	
Summer Gen - TOU MO630				
On Peak	0.1234	0.13118	0.13118	
Shoulder	0.0685	0.07282	0.07282	
Off Peak	0.0413	0.04390	0.04390	
Summer Gen - TOU MO640				
On Peak	0.1203	0.12788	0.12788	
Shoulder	0.0669	0.07112	0.07112	
Off Peak	0.0402	0.04273	0.04273	
Winter Rates				
Winter Gen - TOU MO610				
On Peak	0.1350	0.14351	0.14351	
Off Peak	0.0539	0.05730	0.05730	
Winter Gen - TOU MO620				
On Peak	0.1059	0.11258	0.11258	
Off Peak	0.0426	0.04529	0.04529	
Winter Gen - TOU MO630				
On Peak	0.1027	0.10917	0.10917	
Off Peak	0.0413	0.04390	0.04390	
Winter Gen - TOU MO640				
On Peak	0.1002	0.10652	0.10652	
Off Peak	0.0402	0.04273	0.04273	
Factor MO610				
Factor MO610 - Winter				
Factor MO620		#DIV/0!	#DIV/0!	
Factor MO620 - Winter		#DIV/0!	#DIV/0!	
Factor MO630		106.30%	#DIV/0!	
Factor MO630 - Winter		106.30%	190.88%	
Factor MO640		#DIV/0!	#DIV/0!	
Factor MO640 - Winter		#DIV/0!	#DIV/0!	
Overall Change (*)		6.30%	6.30%	
Winter Price Below Summer (SUM-WIN)/SUM	30.7%	30.7%	30.7%	
Revenue	$48,305		$51,349	
Increase			$3,044	
Design increase per Revenue Summary			$3,045	
			($1)	

MO GENERAL TIME OF DAY - MPS
Rate MO610

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-	$24.86	$0.00	$26.43	$0.00	$26.43	$0.00
	-		$0.00		$0.00		$0.00
C: ENERGY CHARGE							
On-Peak	-	$0.2082	$0	$0.2213	$0	$0.2213	$0
Shoulder	-	$0.1157	$0	$0.1230	$0	$0.1230	$0
Off-Peak	-	$0.0694	$0	$0.0738	$0	$0.0738	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-	$24.86	$0.00	$26.43	$0.00	$26.43	$0.00
	-		$0.00		$0.00		$0.00
C: ENERGY CHARGE							
ON-PEAK	-	$0.1350	$0	$0.1435	$0	$0.1435	$0
OFF-PEAK	-	$0.0539	$0	$0.0573	$0	$0.0573	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

ANNUAL	-		$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
Winter Price Below Summer (SUM-WIN)/SUM			#DIV/0!		#DIV/0!		#DIV/0!

E:\Regulatory\COS\16-ClassCOS\GMO Rate Design\[MPS TOD-Unconsolidated.xls]RATE SUMMARIES

MO GENERAL TIME OF DAY - MPS
Rate MO620

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-	$24.86	$0.00	$26.43	$0.00	$26.43	$0.00
	-		$0.00		$0.00		$0.00
B: DEMAND CHARGE							
	-	$10.65	$0.00	$11.32	$0.00	$11.32	$0.00
	-		$0.00		$0.00		$0.00
C: ENERGY CHARGE							
On-Peak	-	$0.1273	$0	$0.1353	$0	$0.1353	$0
Shoulder	-	$0.0707	$0	$0.0752	$0	$0.0752	$0
Off-Peak	-	$0.0426	$0	$0.0453	$0	$0.0453	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-	$24.86	$0.00	$26.43	$0.00	$26.43	$0.00
	-		$0.00		$0.00		$0.00
B: DEMAND CHARGE							
	-	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	-		$0.00		$0.00		$0.00
C: ENERGY CHARGE							
ON-PEAK	-	$0.1059	$0	$0.1126	$0	$0.1126	$0
OFF-PEAK	-	$0.0426	$0	$0.0453	$0	$0.0453	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

ANNUAL	-		$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
Winter Price Below Summer (SUM-WIN)/SUM			#DIV/0!		#DIV/0!		#DIV/0!

E:\Regulatory\COS\16-ClassCOS\GMO Rate Design\[MPS TOD-Unconsolidated.xls]RATE SUMMARIES

MO GENERAL TIME OF DAY - MPS
Rate MO630

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	13.30	$80.66	$1,072.78	$85.74	$1,140.34	$85.74	$1,140.34
	13.30		$1,072.78		$1,140.34		$1,140.34
B: DEMAND CHARGE							
	637.10	$10.32	$6,574.87	$10.97	$6,989.62	$10.97	$6,989.62
	637.10		$6,574.87		$6,989.62		$6,989.62
C: ENERGY CHARGE							
On-Peak	56,964	$0.1234	$7,029	$0.1312	$7,473	$0.1312	$7,473
Shoulder	97,792	$0.0685	$6,699	$0.0728	$7,121	$0.0728	$7,121
Off-Peak	39,277	$0.0413	$1,622	$0.0439	$1,724	$0.0439	$1,724
	194,033		$15,350		$16,318		$16,318
REVENUE			$22,998		$24,448		$24,448
c/kwh			0		0.125999069		0.125999069
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	14588.9						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	24.00	$80.66	$1,935.84	$85.74	$2,057.76	$85.74	$2,057.76
	24.00		$1,935.84		$2,057.76		$2,057.76
B: DEMAND CHARGE							
	996.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	996.00		$0.00		$0.00		$0.00
C: ENERGY CHARGE							
ON-PEAK	173,426	$0.1027	$17,811	$0.1092	$18,933	$0.1092	$18,933
OFF-PEAK	134,642	$0.0413	$5,561	$0.0439	$5,911	$0.0439	$5,911
	308,068		$23,372		$24,844		$24,844
REVENUE			$25,307		$26,901		$26,901
c/kwh			0.082148761		0.087323123		0.087323123
OVERALL CHANGE (%)					6.30%		#DIV/0!
used to reference avg customer	12836.2						

ANNUAL	503,771	$48,305	$51,349	$51,349
c/kwh		$0.0959	$0.1019	$0.1019
OVERALL CHANGE (%)			#DIV/0!	#DIV/0!
Winter Price Below Summer (SUM-WIN)/SUM		30.7%	0	0

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MO GENERAL TIME OF DAY - MPS
Rate MO640

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-	$80.66	$0.00	$85.74	$0.00	$85.74	$0.00
	-		$0.00		$0.00		$0.00
B: DEMAND CHARGE							
	-	$7.05	$0.00	$7.49	$0.00	$7.49	$0.00
	-		$0.00		$0.00		$0.00
C: ENERGY CHARGE							
On-Peak	-	$0.1203	$0	$0.1279	$0	$0.1279	$0
Shoulder	-	$0.0669	$0	$0.0711	$0	$0.0711	$0
Off-Peak	-	$0.0402	$0	$0.0427	$0	$0.0427	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-	$80.66	$0.00	$85.74	$0.00	$85.74	$0.00
	-		$0.00		$0.00		$0.00
B: DEMAND CHARGE							
	-	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	-		$0.00		$0.00		$0.00
C: ENERGY CHARGE							
ON-PEAK	-	$0.1002	$0	$0.1065	$0	$0.1065	$0
OFF-PEAK	-	$0.0402	$0	$0.0427	$0	$0.0427	$0
	-		$0		$0		$0
REVENUE			$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
used to reference avg customer	*#DIV/0!*						

ANNUAL	-		$0		$0		$0
c/kwh			#DIV/0!		#DIV/0!		#DIV/0!
OVERALL CHANGE (%)					#DIV/0!		#DIV/0!
Winter Price Below Summer (SUM-WIN)/SUM			#DIV/0!		#DIV/0!		#DIV/0!

E:\Regulatory\COS\16-ClassCOS\GMO Rate Design\[MPS TOD-Unconsolidated.xls]RATE SUMMARIES

SUMMER TOTAL (ALL RATES)	194,033	22,998	24,448	24,448
WINTER TOTAL (ALL RATES)	308,068	25,307	26,901	26,901
GRAND TOTAL (ANNUAL - ALL RATES)	**502,101**	**$48,305**	**$51,349**	**$51,349**
c/kwh Summer		**0.118525713**	**$0.1260**	**$0.1260**
c/kwh Winter		**$0.0821**	**$0.0873**	**$0.0873**
c/kwh Annual		**$0.0962**	**$0.1023**	**$0.1023**
Winter Price Below Summer (SUM-WIN)/SUM		**30.7%**	**30.7%**	**30.7%**
OVERALL CHANGE (%)			**6.30%**	**6.30%**

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MO UNMETERED STREET AND PRIVATE AREA LIGHTING - MPS

	Div	%Change
MPS=		0.000%
		6.3036%

Percent reflects combination of fuel rebase and general increase.

Tariff Sheet	Tariff Description	RateID	MRU	Seq	kWh Unit	Description	Jurisdiction	Current Monthly Price	New Monthly Price	Current Annual Price	New Annual Price	Increase %	Notes
N/A	N/A	MOCAD	M800	10	0	ADD EQUIPMENT #800 - WOOD POLE AND SPAN	MPS	1.7800	1.7800	21.36	21.36	0.00%	Company Use Rates - no tariffs (see PAL MONWC M800)
N/A	N/A	MOC40	M501	20	70	PRIVATE AREA LIGHT #501	MPS	11.2675	11.2675	135.21	135.21	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M501)
N/A	N/A	MOC40	M500	10	70	PRIVATE AREA LIGHT #500	MPS	11.6842	11.6842	140.21	140.21	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M500)
N/A	N/A	MOC40	M503	30	70	PRIVATE AREA LIGHT #503	MPS	13.4717	13.4717	161.66	161.66	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M503)
N/A	N/A	MOC40	M505	40	93	PRIVATE AREA LIGHT #505	MPS	15.7233	15.7233	188.68	188.68	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M505)
N/A	N/A	MOC40	M507	50	146	PRIVATE AREA LIGHT #507	MPS	20.0558	20.0558	240.67	240.67	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M507)
N/A	N/A	MOC40	M509	60	400	PRIVATE AREA LIGHT #509	MPS	33.7333	33.7333	404.80	404.80	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M509)
N/A	N/A	MOC42	M502	10	70	PRIVATE AREA LIGHT #502	MPS	15.9192	15.9192	191.03	191.03	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M502)
N/A	N/A	MOC42	M504	20	70	PRIVATE AREA LIGHT #504	MPS	17.6975	17.6975	212.37	212.37	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M504)
N/A	N/A	MOC42	M506	30	93	PRIVATE AREA LIGHT #506	MPS	19.9492	19.9492	239.39	239.39	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M506)
N/A	N/A	MOC42	M508	40	146	PRIVATE AREA LIGHT #508	MPS	24.0650	24.0650	288.78	288.78	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M508)
N/A	N/A	MOC42	M510	50	400	PRIVATE AREA LIGHT #510	MPS	36.4008	36.4008	436.81	436.81	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M510)
N/A	N/A	MOC54	M650	10	93	PRIVATE AREA LIGHT #650	MPS	19.0708	19.0708	228.85	228.85	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M650)
N/A	N/A	MOC54	M652	20	146	PRIVATE AREA LIGHT #652	MPS	23.2983	23.2983	279.58	279.58	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M652)
N/A	N/A	MOC54	M675	30	93	PRIVATE AREA LIGHT #675	MPS	35.5867	35.5867	427.04	427.04	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M675)
N/A	N/A	MOC54	M676	40	93	PRIVATE AREA LIGHT #676	MPS	37.3683	37.3683	448.42	448.42	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M676)
N/A	N/A	MOC54	M677	50	146	PRIVATE AREA LIGHT #677	MPS	40.1050	40.1050	481.26	481.26	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M677)
N/A	N/A	MOC54	M678	60	146	PRIVATE AREA LIGHT #678	MPS	41.8842	41.8842	502.61	502.61	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M678)
N/A	N/A	MOC54	M679	70	400	PRIVATE AREA LIGHT #679	MPS	67.7058	67.7058	812.47	812.47	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M679)
N/A	N/A	MOC54	M680	80	400	PRIVATE AREA LIGHT #680	MPS	69.4883	69.4883	833.86	833.86	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M680)
N/A	N/A	MOC60	M681	10	93	PRIVATE AREA LIGHT #681	MPS	38.3292	38.3292	459.95	459.95	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M681)
N/A	N/A	MOC80	M682	20	93	PRIVATE AREA LIGHT #682	MPS	40.1100	40.1100	481.32	481.32	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M682)
N/A	N/A	MOC60	M684	30	146	PRIVATE AREA LIGHT #684	MPS	40.9842	40.9842	491.81	491.81	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M684)
N/A	N/A	MOC60	M685	40	146	PRIVATE AREA LIGHT #685	MPS	42.7625	42.7625	513.15	513.15	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M685)
N/A	N/A	MOC60	M687	50	400	PRIVATE AREA LIGHT #687	MPS	69.4658	69.4658	833.59	833.59	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M687)
N/A	N/A	MOC60	M688	60	400	PRIVATE AREA LIGHT #688	MPS	71.2475	71.2475	854.97	854.97	0.00%	Company Use Rates - no tariffs (SEE PAL MON27 M688)
88	Municipal Street Lighting	MON10	M200	10	41	STREET LIGHT #200 - MV - 3300 OPEN - WOOD - OH	MPS	8.0858	8.0858	97.03	97.03	0.00%	
88	Municipal Street Lighting	MON10	M201	20	41	STREET LIGHT #201 - MV - 300 OPEN - WOOD - OH - FIXTURE C	MPS	7.6692	7.6692	92.03	92.03	0.00%	$5 less than MON10 M200 where fixture may be installed on an existing distribution pole
88	Municipal Street Lighting	MON10	M202	30	41	STREET LIGHT #202 - MV - 3300 OPEN - WOOD - UG	MPS	11.9292	11.9292	143.15	143.15	0.00%	
88	Municipal Street Lighting	MON10	M203	40	41	STREET LIGHT #203 - MV - 3300 OPEN - WOOD - UG - FIXTURE	MPS	11.5125	11.5125	138.15	138.15	0.00%	$5 less than MON10 M202 where fixture may be installed on an existing distribution pole
88	Municipal Street Lighting	MON10	M204	50	70	STREET LIGHT #204 - MV - 7700 OPEN - WOOD - OH	MPS	10.7967	10.7967	129.56	129.56	0.00%	
88	Municipal Street Lighting	MON10	M205	60	70	STREET LIGHT #205 - MV - 7700 OPEN - WOOD - OH - FIXTURE	MPS	10.3800	10.3800	124.56	124.56	0.00%	$5 less than MON10 M204 where fixture may be installed on an existing distribution pole
88	Municipal Street Lighting	MON10	M206	70	70	STREET LIGHT #206 - MV - 7700 OPEN - WOOD - UG	MPS	14.6417	14.6417	175.70	175.70	0.00%	
88	Municipal Street Lighting	MON10	M207	80	70	STREET LIGHT #207 - - MV - 7700 OPEN - WOOD - UG - FIXTURE	MPS	14.2250	14.2250	170.70	170.70	0.00%	$5 less than MON10 M206 where fixture may be installed on an existing distribution pole
88	Municipal Street Lighting	MON12	M210	10	70	STREET LIGHT #210 - MV - 7700 STRM - WOOD - OH	MPS	12.3992	12.3992	148.79	148.79	0.00%	
88	Municipal Street Lighting	MON12	M211	20	70	STREET LIGHT #211 - MV - 7700 STRM - WOOD - OH	MPS	16.2458	16.2458	194.95	194.95	0.00%	
88	Municipal Street Lighting	MON14	M214	10	93	STREET LIGHT #214 - MV - 10500 ENC - WOOD - OH	MPS	14.3892	14.3892	172.67	172.67	0.00%	
88	Municipal Street Lighting	MON14	M215	20	93	STREET LIGHT #215 - MV - 10500 ENC - WOOD - UG	MPS	18.2283	18.2283	218.74	218.74	0.00%	
88	Municipal Street Lighting	MON14	M218	30	146	STREET LIGHT #218 - MV - 21000 ENC - WOOD - OH	MPS	17.8333	17.8333	214.00	214.00	0.00%	
88	Municipal Street Lighting	MON14	M219	40	146	STREET LIGHT #219 - MV - 21000 ENC - WOOD - UG	MPS	21.6758	21.6758	260.11	260.11	0.00%	
88	Municipal Street Lighting	MON14	M223	50	400	STREET LIGHT #223 - MV - 54000 ENC - WOOD - OH	MPS	33.7333	33.7333	404.80	404.80	0.00%	
88	Municipal Street Lighting	MON14	M224	60	400	STREET LIGHT #224 - MV - 54000 ENC - WOOD - UG	MPS	37.5792	37.5792	450.95	450.95	0.00%	
88	Municipal Street Lighting	MON16	M208	30	70	STREET LIGHT #208 - MV - 7700 OPEN - STEEL - OH	MPS	13.4717	13.4717	161.66	161.66	0.00%	
88	Municipal Street Lighting	MON16	M209	40	70	STREET LIGHT #209 - MV - 7700 OPEN - STEEL - UG	MPS	17.3133	17.3133	207.76	207.76	0.00%	
88	Municipal Street Lighting	MON16	M212	10	70	STREET LIGHT #212 - MV - 7700 STRM - STEEL - OH	MPS	15.0700	15.0700	180.84	180.84	0.00%	
88	Municipal Street Lighting	MON16	M213	20	70	STREET LIGHT #213 - MV - 7700 STRM - STEEL - UG	MPS	18.9150	18.9150	226.98	226.98	0.00%	
88	Municipal Street Lighting	MON18	M216	10	93	STREET LIGHT #216 - MV - 10500 ENC - STEEL - OH	MPS	17.0558	17.0558	204.67	204.67	0.00%	
88	Municipal Street Lighting	MON18	M217	20	93	STREET LIGHT #217 - MV - 10500 ENC - STEEL - UG	MPS	20.9025	20.9025	250.83	250.83	0.00%	
88	Municipal Street Lighting	MON18	M220	30	146	STREET LIGHT #220 - MV - 21000 ENC - STEEL - OH	MPS	20.5000	20.5000	246.00	246.00	0.00%	
88	Municipal Street Lighting	MON18	M221	40	146	STREET LIGHT #221 - MV - 21000 ENC - STEEL - UG	MPS	24.3442	24.3442	292.13	292.13	0.00%	
88	Municipal Street Lighting	MON18	M225	50	400	STREET LIGHT #225 - MV - 54000 ENC - STEEL - OH	MPS	36.4008	36.4008	436.81	436.81	0.00%	
88	Municipal Street Lighting	MON18	M226	60	400	STREET LIGHT #226 - MV - 54000 ENC - STEEL - UG	MPS	40.2450	40.2450	482.94	482.94	0.00%	
88	Municipal Street Lighting	MON20	M300	10	60	STREET LIGHT #300 - HPS - 12000 OPEN - WOOD - OH	MPS	13.4592	13.4592	161.51	161.51	0.00%	
88	Municipal Street Lighting	MON20	M301	20	60	STREET LIGHT #301 - HPS - 12000 OPEN - WOOD - OH - FIXTUI	MPS	13.0425	13.0425	156.51	156.51	0.00%	$5 less than MON20 M300 where fixture may be installed on an existing distribution pole
88	Municipal Street Lighting	MON20	M302	30	60	STREET LIGHT #302 - HPS - 12000 OPEN - WOOD - UG	MPS	17.3025	17.3025	207.63	207.63	0.00%	
88	Municipal Street Lighting	MON20	M303	40	60	STREET LIGHT #303 - HPS - 12000 OPEN - WOOD - UG - FIXTUF	MPS	16.8858	16.8858	202.63	202.63	0.00%	$5 less than MON20 M302 where fixture may be installed on an existing distribution pole
88	Municipal Street Lighting	MON20	M306	50	60	STREET LIGHT #306 - HPS - 12000 STRM - WOOD - OH	MPS	15.0608	15.0608	180.73	180.73	0.00%	
88	Municipal Street Lighting	MON20	M307	60	60	STREET LIGHT #307 - HPS - 12000 STRM - WOOD - UG	MPS	18.9058	18.9058	226.87	226.87	0.00%	
88	Municipal Street Lighting	MON22	M304	10	60	STREET LIGHT #304 - HPS - 12000 OPEN - STEEL - OH	MPS	16.1300	16.1300	193.56	193.56	0.00%	
88	Municipal Street Lighting	MON22	M305	20	60	STREET LIGHT #305 - HPS - 12000 OPEN - STEEL - UG	MPS	19.9725	19.9725	239.67	239.67	0.00%	
88	Municipal Street Lighting	MON22	M308	30	60	STREET LIGHT #308 - HPS - 12000 STRM - STEEL - OH	MPS	17.7317	17.7317	212.78	212.78	0.00%	
88	Municipal Street Lighting	MON22	M309	40	60	STREET LIGHT #309 - HPS - 12000 STRM - STEEL - UG	MPS	21.5742	21.5742	258.89	258.89	0.00%	
88	Municipal Street Lighting	MON22	M312	45	131	STREET LIGHT #312 - HPS - 36000 ENC - STEEL - OH	MPS	22.9900	22.9900	275.88	275.88	0.00%	
88	Municipal Street Lighting	MON22	M313	50	131	STREET LIGHT #313 - HPS - 36000 ENC - STEEL - UG	MPS	26.8342	26.8342	322.01	322.01	0.00%	
89	Municipal Street Lighting	MON30	M354	10	28	STREET LIGHT #354 - HPS - 5000 OPEN - WOOD - OH	MPS	13.1433	13.1433	157.72	157.72	0.00%	
89	Municipal Street Lighting	MON30	M320	15	28	STREET LIGHT #320	MPS	12.7267	12.7267	152.72	152.72	0.00%	$5 less than MON30 M354 where fixture may be installed on an existing distribution pole
89	Municipal Street Lighting	MON30	M355	20	28	STREET LIGHT #355 - HPS - 5000 OPEN - WOOD - UG	MPS	16.9867	16.9867	203.84	203.84	0.00%	
89	Municipal Street Lighting	MON30	M321	25	28	STREET LIGHT #321	MPS	16.5700	16.5700	198.84	198.84	0.00%	$5 less than MON30 M355 where fixture may be installed on an existing distribution pole
89	Municipal Street Lighting	MON30	M362	30	40	STREET LIGHT #362 - HPS - 8000 OPEN - WOOD - OH	MPS	13.4817	13.4817	161.78	161.78	0.00%	
89	Municipal Street Lighting	MON30	M322	35	40	STREET LIGHT #322	MPS	13.0650	13.0650	156.78	156.78	0.00%	$5 less than MON30 M362 where fixture may be installed on an existing distribution pole
89	Municipal Street Lighting	MON30	M363	40	40	STREET LIGHT #363 - HPS - 8000 OPEN - WOOD - UG	MPS	17.3258	17.3258	207.91	207.91	0.00%	
89	Municipal Street Lighting	MON30	M323	45	40	STREET LIGHT #323	MPS	16.9092	16.9092	202.91	202.91	0.00%	$5 less than MON30 M363 where fixture may be installed on an existing distribution pole
89	Municipal Street Lighting	MON30	M370	50	60	STREET LIGHT #370 - HPS - 13500 OPEN - WOOD - OH	MPS	14.1458	14.1458	169.75	169.75	0.00%	
89	Municipal Street Lighting	MON30	M324	55	60	STREET LIGHT #324	MPS	13.7292	13.7292	164.75	164.75	0.00%	$5 less than MON30 M370 where fixture may be installed on an existing distribution pole
89	Municipal Street Lighting	MON30	M371	60	60	STREET LIGHT #371 - HPS - 13500 OPEN - WOOD - UG	MPS	17.9892	17.9892	215.87	215.87	0.00%	
89	Municipal Street Lighting	MON30	M325	65	60	STREET LIGHT #325	MPS	17.5725	17.5725	210.87	210.87	0.00%	$5 less than MON30 M371 where fixture may be installed on an existing distribution pole
89	Municipal Street Lighting	MON32	M356	10	28	STREET LIGHT #356 - HPS - 5000 OPEN - STEEL - OH	MPS	15.8125	15.8125	189.75	189.75	0.00%	
89	Municipal Street Lighting	MON32	M357	20	28	STREET LIGHT #357 - HPS - 5000 OPEN - STEEL - UG	MPS	19.6592	19.6592	235.91	235.91	0.00%	
89	Municipal Street Lighting	MON32	M364	30	40	STREET LIGHT #364 - HPS - 8000 OPEN - STEEL - OH	MPS	16.1525	16.1525	193.83	193.83	0.00%	
89	Municipal Street Lighting	MON32	M365	40	40	STREET LIGHT #365 - HPS - 8000 OPEN - STEEL - UG	MPS	19.9983	19.9983	239.98	239.98	0.00%	
89	Municipal Street Lighting	MON32	M372	50	60	STREET LIGHT #372 - HPS - 13500 OPEN - STEEL - OH	MPS	16.8125	16.8125	201.75	201.75	0.00%	
89	Municipal Street Lighting	MON32	M373	60	60	STREET LIGHT #373 - HPS - 13500 OPEN - STEEL - UG	MPS	20.6600	20.6600	247.92	247.92	0.00%	
89	Municipal Street Lighting	MON34	M350	10	28	STREET LIGHT #350 - HPS - 5000 ENC - WOOD - OH	MPS	14.7667	14.7667	177.20	177.20	0.00%	
89	Municipal Street Lighting	MON34	M351	20	28	STREET LIGHT #351 - HPS - 5000 ENC - WOOD - UG	MPS	18.6100	18.6100	223.32	223.32	0.00%	
89	Municipal Street Lighting	MON34	M358	30	40	STREET LIGHT #358 - HPS - 8000 ENC - WOOD - OH	MPS	15.0217	15.0217	180.26	180.26	0.00%	
89	Municipal Street Lighting	MON34	M359	40	40	STREET LIGHT #359 - HPS - 8000 ENC - WOOD - UG	MPS	18.8667	18.8667	226.40	226.40	0.00%	
89	Municipal Street Lighting	MON34	M366	50	60	STREET LIGHT #366 - HPS - 13500 ENC - WOOD - OH	MPS	15.6458	15.6458	187.75	187.75	0.00%	
89	Municipal Street Lighting	MON34	M367	60	60	STREET LIGHT #367 - HPS - 13500 ENC - WOOD - UG	MPS	19.4900	19.4900	233.88	233.88	0.00%	
89	Municipal Street Lighting	MON34	M374	70	93	STREET LIGHT #374 - HPS - 25500 ENC - WOOD - OH	MPS	17.7367	17.7367	212.84	212.84	0.00%	
89	Municipal Street Lighting	MON34	M375	80	93	STREET LIGHT #375 - HPS - 25500 ENC - WOOD - UG	MPS	21.5767	21.5767	258.92	258.92	0.00%	
89	Municipal Street Lighting	MON34	M378	90	146	STREET LIGHT #378 - HPS - 50000 ENC - WOOD - OH	MPS	21.0750	21.0750	252.90	252.90	0.00%	
89	Municipal Street Lighting	MON34	M379	100	146	STREET LIGHT #379 - HPS - 50000 ENC - WOOD - UG	MPS	24.9158	24.9158	298.99	298.99	0.00%	
957	Non-Standard SL and AL Facilities - Company Owned?	MON36	MDC2	105	0	DECORATIVE LIGHTING MDC2	MPS	6.5467	6.5467	78.56	78.56	0.00%	
957	Non-Standard SL and AL Facilities - Company Owned?	MON36	MDC5	106	0	DECORATIVE LIGHTING MDC5	MPS	12.9508	12.9508	155.41	155.41	0.00%	
957	Non-Standard SL and AL Facilities - Company Owned?	MON36	MDC6	107	0	DECORATIVE LIGHTING MDC6	MPS	12.3383	12.3383	148.06	148.06	0.00%	
957	Non-Standard SL and AL Facilities - Company Owned?	MON36	MDC7	108	0	DECORATIVE LIGHTING MDC7	MPS	11.9292	11.9292	143.32	143.32	0.00%	

MO UNMETERED STREET AND PRIVATE AREA LIGHTING - MPS

	Div	%Change
MPS=		0.000% Percent reflects combination of fuel rebase and general increase.
		6.3036%

Tariff Sheet	Tariff Description	RateID	MRU	Seq	kWh Unit	Description	Jurisdiction	Current Monthly Price	New Monthly Price	Current Annual Price	New Annual Price	Increase %	Notes
957	Non-Standard SL and AL Facilities - Company Owned?	MON36	MDCA	109	0	DECORATIVE LIGHTING	MPS	1.0000	1.0000			0.00%	
89	Municipal Street Lighting	MON36	M352	10	28	STREET LIGHT #352 - HPS - 5000 ENC - STEEL - OH	MPS	17.4367	17.4367	209.24	209.24	0.00%	
89	Municipal Street Lighting	MON36	M353	20	28	STREET LIGHT #353 - HPS - 5000 ENC - STEEL - UG	MPS	21.2858	21.2858	255.43	255.43	0.00%	
89	Municipal Street Lighting	MON36	M360	30	40	STREET LIGHT #360 - HPS - 8000 ENC - STEEL - OH	MPS	17.6925	17.6925	212.31	212.31	0.00%	
89	Municipal Street Lighting	MON36	M361	40	40	STREET LIGHT #361 - HPS - 8000 ENC - STEEL - UG	MPS	21.5392	21.5392	258.47	258.47	0.00%	
89	Municipal Street Lighting	MON36	M368	50	60	STREET LIGHT #368 - HPS - 13500 ENC - STEEL - OH	MPS	18.3158	18.3158	219.79	219.79	0.00%	
89	Municipal Street Lighting	MON36	M369	60	60	STREET LIGHT #369 - HPS - 13500 ENC - STEEL - UG	MPS	22.1625	22.1625	265.95	265.95	0.00%	
89	Municipal Street Lighting	MON36	M376	70	93	STREET LIGHT #376 - HPS - 25500 ENC - STEEL - OH	MPS	20.4075	20.4075	244.89	244.89	0.00%	
89	Municipal Street Lighting	MON36	M377	80	93	STREET LIGHT #377 - HPS - 25500 ENC - STEEL - UG	MPS	24.2533	24.2533	291.04	291.04	0.00%	
89	Municipal Street Lighting	MON36	M380	90	146	STREET LIGHT #380 - HPS - 50000 ENC - STEEL - OH	MPS	23.7333	23.7333	284.80	284.80	0.00%	
89	Municipal Street Lighting	MON36	M381	100	146	STREET LIGHT #381 - HPS - 50000 ENC - STEEL - OH	MPS	27.5842	27.5842	331.01	331.01	0.00%	
91	Private Area Lighting	MON26 / MON27 (OLD MON40)	M500	10	70	PRIVATE AREA LIGHT #500 - MV - 7700 OPEN - WOOD	MPS	11.6842	11.6842	140.21	140.21	0.00%	
91	Private Area Lighting	MON26 / MON27 (OLD MON40)	M501	20	70	PRIVATE AREA LIGHT #501	MPS	11.2675	11.2675	135.21	135.21	0.00%	$5 less than MON26/MON27 M500 where fixture may be installed on an existing distribution pole
91	Private Area Lighting	MON26 / MON27 (OLD MON40)	M503	30	70	PRIVATE AREA LIGHT #503 - MV - 7700 STRM - WOOD	MPS	13.4717	13.4717	161.66	161.66	0.00%	
91	Private Area Lighting	MON26 / MON27 (OLD MON40)	M505	40	93	PRIVATE AREA LIGHT #505 - MV - 10500 ENC - WOOD	MPS	15.7233	15.7233	188.68	188.68	0.00%	
91	Private Area Lighting	MON26 / MON27 (OLD MON40)	M507	50	146	PRIVATE AREA LIGHT #507 - MV - 21000 ENC - WOOD	MPS	20.0558	20.0558	240.67	240.67	0.00%	
91	Private Area Lighting	MON26 / MON27 (OLD MON40)	M509	60	400	PRIVATE AREA LIGHT #509 - MV - 54000 ENC - WOOD	MPS	33.7333	33.7333	404.80	404.80	0.00%	
91	Private Area Lighting	MON28 / MON29 (OLD MON42)	M502	10	70	PRIVATE AREA LIGHT #502 - MV - 7700 OPEN - STEEL	MPS	15.9192	15.9192	191.03	191.03	0.00%	
91	Private Area Lighting	MON28 / MON29 (OLD MON42)	M504	20	70	PRIVATE AREA LIGHT #504 - MV - 7700 STRM - STEEL	MPS	17.6975	17.6975	212.37	212.37	0.00%	
91	Private Area Lighting	MON28 / MON29 (OLD MON42)	M506	30	93	PRIVATE AREA LIGHT #506 - MV - 10500 ENC - STEEL	MPS	19.9492	19.9492	239.39	239.39	0.00%	
91	Private Area Lighting	MON28 / MON29 (OLD MON42)	M508	40	146	PRIVATE AREA LIGHT #508 - MV - 21000 ENC - STEEL	MPS	24.0650	24.0650	288.78	288.78	0.00%	
91	Private Area Lighting	MON28 / MON29 (OLD MON42)	M510	50	400	PRIVATE AREA LIGHT #510 - MV - 54000 ENC - STEEL	MPS	36.4008	36.4008	436.81	436.81	0.00%	
91	Private Area Lighting	MON80 / MON81 (OLD MON50)	M600	10	60	PRIVATE AREA LIGHT #600 - HPS - 12000 OPEN - WOOD	MPS	14.3500	14.3500	172.20	172.20	0.00%	
91	Private Area Lighting	MON80 / MON81 (OLD MON50)	M601	20	60	PRIVATE AREA LIGHT #601	MPS	13.9333	13.9333	167.20	167.20	0.00%	$5 less than MON80/MON81 M600 where fixture may be installed on an existing distribution pole
91	Private Area Lighting	MON80 / MON81 (OLD MON50)	M603	30	60	PRIVATE AREA LIGHT #603 - HPS - 12000 STRM - WOOD	MPS	16.1300	16.1300	193.56	193.56	0.00%	
91	Private Area Lighting	MON80 / MON81 (OLD MON50)	M605	40	131	PRIVATE AREA LIGHT #605 - HPS - 36000 ENC - WOOD	MPS	22.5433	22.5433	270.52	270.52	0.00%	
		MON82 / MON83 (OLD MON52)	MDCA	40	0	DECORATIVE LIGHTING	MPS	1.0000	1.0000			0.00%	
		MON82 / MON83 (OLD MON52)	MDC3	35	0	DECORATIVE LIGHTING MDC3	MPS	6.9600	6.9600	83.52	83.52	0.00%	
91	Private Area Lighting	MON82 / MON83 (OLD MON52)	M602	10	60	PRIVATE AREA LIGHT #602 - HPS - 12000 OPEN - STEEL	MPS	18.5800	18.5800	222.96	222.96	0.00%	
91	Private Area Lighting	MON82 / MON83 (OLD MON52)	M604	20	60	PRIVATE AREA LIGHT #604 - HPS - 12000 STRM - STEEL	MPS	20.3592	20.3592	244.31	244.31	0.00%	
91	Private Area Lighting	MON82 / MON83 (OLD MON52)	M606	30	131	PRIVATE AREA LIGHT #606 - HPS - 36000 ENC - STEEL	MPS	26.5517	26.5517	318.62	318.62	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M650	10	93	PRIVATE AREA LIGHT #650 - HPS - 25500 ENC - WOOD	MPS	19.0708	19.0708	228.85	228.85	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M652	20	146	PRIVATE AREA LIGHT #652 - HPS - 50000 ENC - WOOD	MPS	23.2983	23.2983	279.58	279.58	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M675	30	93	PRIVATE AREA LIGHT #675 - HPS - 27500 ENC - EXWOOD	MPS	35.5867	35.5867	427.04	427.04	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M676	40	93	PRIVATE AREA LIGHT #676 - HPS - 27500 ENC - WOODREQ	MPS	37.3683	37.3683	448.42	448.42	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M677	50	146	PRIVATE AREA LIGHT #677 - HPS - 50000 ENC - EXWOOD	MPS	40.1050	40.1050	481.26	481.26	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M678	60	146	PRIVATE AREA LIGHT #678 - HPS - 50000 ENC - WOODREQ	MPS	41.8842	41.8842	502.61	502.61	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M679	70	400	PRIVATE AREA LIGHT #679 - HPS - 140000 ENC - EXWOOD	MPS	67.7058	67.7058	812.47	812.47	0.00%	
92	Private Area Lighting	MON44 / MON45 (OLD MON54)	M680	80	400	PRIVATE AREA LIGHT #680 - HPS - 140000 ENC - WOODREQ	MPS	69.4883	69.4883	833.86	833.86	0.00%	
		MON46 / MON47 (OLD MON56)	MDCA	30	0	DECORATIVE LIGHTING	MPS	1.0000	1.0000			0.00%	
		MON46 / MON47 (OLD MON56)	MDC4	25	0	DECORATIVE LIGHTING MDC4	MPS	12.4308	12.4308	149.17	149.17	0.00%	
92	Private Area Lighting	MON46 / MON47 (OLD MON56)	M651	10	93	PRIVATE AREA LIGHT #651 - HPS - 25500 ENC - STEEL	MPS	23.3000	23.3000	279.60	279.60	0.00%	
92	Private Area Lighting	MON46 / MON47 (OLD MON56)	M653	20	146	PRIVATE AREA LIGHT #653 - HPS - 50000 ENC - STEEL	MPS	27.3075	27.3075	327.69	327.69	0.00%	
		MON48 / MON49 (OLD MON58)	MDCA	84	0	NON-STD DECORATIVE LIGHT ADDER	MPS	1.0000	1.0000			0.00%	
92	Private Area Lighting	MON48 / MON49 (OLD MON58)	M643	10	28	PRIVATE AREA LIGHT #643 - HPS - 5000 ENC - WOOD	MPS	13.5442	13.5442	162.53	162.53	0.00%	
92	Private Area Lighting	MON48 / MON49 (OLD MON58)	M644	20	28	PRIVATE AREA LIGHT #644 - HPS - 5000 ENC - STEEL	MPS	17.7717	17.7717	213.26	213.26	0.00%	
92	Private Area Lighting	MON48 / MON49 (OLD MON58)	M645	30	40	PRIVATE AREA LIGHT #645 - HPS - 8000 ENC - WOOD	MPS	14.1558	14.1558	169.87	169.87	0.00%	
92	Private Area Lighting	MON48 / MON49 (OLD MON58)	M646	40	40	PRIVATE AREA LIGHT #646	MPS	13.7392	13.7392	164.87	164.87	0.00%	$5 less than MON48/MON49 M645 where fixture may be installed on an existing distribution pole
92	Private Area Lighting	MON48 / MON49 (OLD MON58)	M647	50	40	PRIVATE AREA LIGHT #647 - HPS - 8000 ENC - STEEL	MPS	18.3842	18.3842	220.61	220.61	0.00%	
92	Private Area Lighting	MON48 / MON49 (OLD MON58)	M648	60	60	PRIVATE AREA LIGHT #648 - HPS - 13500 ENC - WOOD	MPS	15.1775	15.1775	182.13	182.13	0.00%	
92	Private Area Lighting	MON48 / MON49 (OLD MON58)	M649	70	60	PRIVATE AREA LIGHT #649 - HPS - 13500 ENC - STEEL	MPS	19.4058	19.4058	232.87	232.87	0.00%	
		MON48 / MON49 (OLD MON58)	M654	65	60	PRIVATE AREA LIGHT #654	MPS	14.7608	14.7608	177.13	177.13	0.00%	$5 less than MON48/MON49 M648 where fixture may be installed on an existing distribution pole
92	Private Area Lighting	MON72 / MON73 (OLD MON60)	M681	10	93	PRIVATE AREA LIGHT #681 - MH - 20500 ENC - EXWOOD	MPS	38.3292	38.3292	459.95	459.95	0.00%	
92	Private Area Lighting	MON72 / MON73 (OLD MON60)	M682	20	93	PRIVATE AREA LIGHT #682 - MH - 20500 ENC - WOODREQ	MPS	40.1100	40.1100	481.32	481.32	0.00%	
92	Private Area Lighting	MON72 / MON73 (OLD MON60)	M684	30	146	PRIVATE AREA LIGHT #684 - MH - 36000 ENC - EXWOOD	MPS	40.9842	40.9842	491.81	491.81	0.00%	
92	Private Area Lighting	MON72 / MON73 (OLD MON60)	M685	40	146	PRIVATE AREA LIGHT #685 - MH - 36000 ENC - WOODREQ	MPS	42.7625	42.7625	513.15	513.15	0.00%	
92	Private Area Lighting	MON72 / MON73 (OLD MON60)	M687	50	400	PRIVATE AREA LIGHT #687 - MH - 110000 ENC - EXWOOD	MPS	69.4658	69.4658	833.59	833.59	0.00%	
92	Private Area Lighting	MON72 / MON73 (OLD MON60)	M688	60	400	PRIVATE AREA LIGHT #688 - MH - 110000 ENC - WOODREQ	MPS	71.2475	71.2475	854.97	854.97	0.00%	
92	Private Area Lighting	MON74 / MON75 (OLD MON62)	M683	10	93	PRIVATE AREA LIGHT #683 - MH - 20500 ENC - STEEL	MPS	44.1100	44.1100	529.32	529.32	0.00%	
92	Private Area Lighting	MON74 / MON75 (OLD MON62)	M686	20	146	PRIVATE AREA LIGHT #686 - MH - 36000 ENC - STEEL	MPS	46.7700	46.7700	561.24	561.24	0.00%	
92	Private Area Lighting	MON74 / MON75 (OLD MON62)	M689	30	400	PRIVATE AREA LIGHT #689 - MH - 110000 ENC - STEEL	MPS	75.2525	75.2525	903.03	903.03	0.00%	
95		**MON84 / MON85 (OLD MON64)**				**CUSTOMER OWNED, ENERGY CHARGE**	**MPS**	**0.0570**	**0.0570**			**0.00%**	**PER KWH RATE, No CIS Entry**
95		MON84 / MON85 (OLD MON64)	M715	60	400	CUST OWNED NONSTANDARD 1000W L	MPS	22.8000	22.8000			0.00%	
95		MON84 / MON85 (OLD MON64)	M709	5	40	CUST OWNED NONSTANDARD 100W LI	MPS	2.2800	2.2800			0.00%	
95		MON84 / MON85 (OLD MON64)	M710	10	60	CUST OWNED NONSTANDARD 150W LI	MPS	3.4200	3.4200			0.00%	
95		MON84 / MON85 (OLD MON64)	M711	20	70	CUST OWNED NONSTANDARD 175W LI	MPS	3.9900	3.9900			0.00%	
95		MON84 / MON85 (OLD MON64)	M712	30	93	CUST OWNED NONSTANDARD 250W LI	MPS	5.3010	5.3010			0.00%	
95		MON84 / MON85 (OLD MON64)	M713	40	131	CUST OWNED NONSTANDARD 360W LI	MPS	7.4670	7.4670			0.00%	
95		MON84 / MON85 (OLD MON64)	M714	50	146	CUST OWNED NONSTANDARD 400W LI	MPS	8.3200	8.3220			0.02%	
957	Non-Standard SL and AL Facilities - Company Owned?	MON84 / MON85 (OLD MON64)	MDC1	65	0	DECORATIVE LIGHTING	MPS	0.2575	0.2575	3.09	3.09	0.00%	
957	Non-Standard SL and AL Facilities - Company Owned?	MON84 / MON85 (OLD MON64)	MDCA	70	0	DECORATIVE LIGHTING	MPS	1.0000	1.0000			0.00%	
89	Municipal Street Lighting	MON66	M386	50	140	5 GLOBE DECO POLE #386 - 14' GLOBE - 70W HPS	MPS	89.5108	89.5108	1,074.13	1,074.13	0.00%	
89	Municipal Street Lighting	MON66	M384	30	40	ACORN DECO POLE #384 - 14' ACORN - 100W HPS	MPS	33.5867	33.5867	403.04	403.04	0.00%	
89	Municipal Street Lighting	MON66	M385	40	93	ACORN DECO POLE #385 - 14' ACORN - 250W HPS	MPS	34.5117	34.5117	414.14	414.14	0.00%	
89	Municipal Street Lighting	MON66	M382	10	40	LANTERN DECO POLE #382 - 14' LANTERN - 100W HPS	MPS	33.1017	33.1017	397.22	397.22	0.00%	
89	Municipal Street Lighting	MON66	M383	20	93	LANTERN DECO POLE #383 - 14' LANTERN - 250W HPS	MPS	34.0267	34.0267	408.32	408.32	0.00%	
89	Municipal Street Lighting	MON66	M387	60	28	SINGLE GLOBE DECO POLE #387 - 14' 70W HPS	MPS	29.0025	29.0025	348.03	348.03	0.00%	
89	Municipal Street Lighting	MON66	M388	70	40	SINGLE GLOBE DECO POLE #388 - 14' 100W HPS	MPS	29.2592	29.2592	351.11	351.11	0.00%	
N/A		MON88	M400	10	70	DEPARTMENTAL LIGHTS	MPS	2.8617	2.8617	34.34	34.34	0.00%	Company Use Rates - no tariffs
		MON89	M401	10	0	FREE SERVICE-CIVIL DEFENSE SIR	MPS	1.0000	1.0000			0.00%	
		MON90	M900	10	146	STREET LIGHT #900	MPS	15.5208	15.5208	186.25	186.25	0.00%	
		MON90	M901	20	146	STREET LIGHT #901	MPS	28.0433	28.0433	336.52	336.52	0.00%	
		MON90	M902	30	146	STREET LIGHT #902	MPS	41.7358	41.7358	500.83	500.83	0.00%	
		MON90	M910	90	1	STREET LIGHT #910	MPS	13.8650	13.8650	166.38	166.38	0.00%	
		MON90	M911	100	3,328	STREET LIGHT #911	MPS	480.8892	480.8892	5,770.67	5,770.67	0.00%	
		MON90	M912	110	1	STREET LIGHT #912	MPS	0.6567	0.6567	7.88	7.88	0.00%	
		MON90	M913	120	1	STREET LIGHT #913	MPS	0.8483	0.8483	10.18	10.18	0.00%	
		MON90	M914	130	1	STREET LIGHT #914	MPS	0.9000	0.9000	10.80	10.80	0.00%	
		MON90	M915	140	1	STREET LIGHT #915	MPS	0.6800	0.6800	8.16	8.16	0.00%	
		MON90	M917	150	65	STREET LIGHT #917	MPS	9.3600	9.3600	112.32	112.32	0.00%	
		MON90	M920	160		STREET LIGHT #920	MPS	17.2383	17.6283	211.54	211.54	2.26%	
		MON90	M921	170		STREET LIGHT #921	MPS	3.5325	3.6125	43.35	43.35	2.26%	
		MON90	M927	190	65	STREET LIGHT #927	MPS	8.6300	8.6300	103.56	103.56	0.00%	
		MON91	M929	15	40	STREET LIGHT #929	MPS	36.6408	36.6408	439.69	439.69	0.00%	
		MON91	M930	20	65	STREET LIGHT #930	MPS	8.6475	8.6475	103.77	103.77	0.00%	
		MON91	M931	30	65	STREET LIGHT #931	MPS	7.8692	7.8692	94.43	94.43	0.00%	

MO UNMETERED STREET AND PRIVATE AREA LIGHTING - MPS

	Div	%Change	
MPS=		0.000%	Percent reflects combination of fuel rebase and general increase.
		6.3036%	

Tariff Sheet	Tariff Description	RateID	MRU	Seq	kWh Unit	Description	Jurisdiction	Current Monthly Price	New Monthly Price	Current Annual Price	New Annual Price	Increase %	Notes
		MON91	M934	60	65	STREET LIGHT #934	MPS	7.8017	7.8017	93.62	93.62	0.00%	
		MON91	M936	70	82	STREET LIGHT #936	MPS	9.8642	9.8642	118.37	118.37	0.00%	
		MON91	M938	90	93	STREET LIGHT #938	MPS	17.7600	17.7600	213.12	213.12	0.00%	
		MON91	M939	100	93	STREET LIGHT #939	MPS	20.6675	20.6675	248.01	248.01	0.00%	
		MON91	M942	130	75	STREET LIGHT #942	MPS	7.0733	7.0733	84.88	84.88	0.00%	
		MON91	M949	155	84	STREET LIGHT #949	MPS	39.3392	39.3392	472.07	472.07	0.00%	Street Light #949 Liberty Square
		MON91	M956	156	40	STREET LIGHT #956	MPS	14.6458	14.6458	175.75	175.75	0.00%	Longview Farms 100w Acorn 14' Pole
		MON91	M957	157		STREET LIGHT #957	MPS	33.7483	34.5117	414.14	414.14	2.26%	
		MON91	M958	158		STREET LIGHT #958	MPS	45.7317	46.7658	561.19	561.19	2.26%	
		MON93	M950	10	60	STREET LIGHT #950	MPS	-					Special Contract Markey Pk, currently $0
		MON93	M951	20	93	STREET LIGHT #951	MPS	-					Special Contract Markey Pk, currently $0
		MON93	M952	30	60	STREET LIGHT #952	MPS	-					Special Contract Markey Pk, currently $0
		MON93	M953	40	0	STREET LIGHT #953	MPS	-					Special Contract Markey Pk, currently $0
		MON94	M701	10	0	EQUIPMENT RENTAL - AMOCO	MPS	207.88	207.88			0.00%	
		MON94	M702	30	0	EQUIPMENT RENTAL - MO PAC RR	MPS	83.69	83.69			0.00%	
		MON94	M703	20	0	EQUIPMENT RENTAL - CLINTON HIG	MPS	178.77	178.77			0.00%	
90	Municipal Street Lighting	MONSR/MONSC (OLD MOSAD)	M801	10	0	ADD EQUIPMENT #801 - STEEL POLE AND SPAN	MPS	5.1200	5.1200	61.44	61.44	0.00%	
90	Municipal Street Lighting	MONSR/MONSC (OLD MOSAD)	BKWY	30	0	ADD EQUIPMENT #803 - BREAKAWAY	MPS	2.8175	2.8175	33.81	33.81	0.00%	
90	Municipal Street Lighting	MONSR/MONSC (OLD MOSAD)	M804	40	0	ADD EQUIPMENT #804 - ROCK REMOVAL	MPS	0.2008	0.2008	2.41	2.41	0.00%	
90	Municipal Street Lighting	MONSR/MONSC (OLD MOSAD)	M808	70	0	ADD EQUIPMENT #808 - 30' MOUNTING HEIGHT - STEEL	MPS	5.8775	5.8775	70.53	70.53	0.00%	
90	Municipal Street Lighting	MONSR/MONSC (OLD MOSAD)	M810	80	0	ADD EQUIPMENT #810 - 35' MOUNTING HEIGHT - STEEL	MPS	8.5908	8.5908	103.09	103.09	0.00%	
90	Municipal Street Lighting	MONSR/MONSC (OLD MOSAD)	M812	90	0	ADD EQUIPMENT #812 - 40' MOUNTING HEIGHT - STEEL	MPS	13.4325	13.4325	161.19	161.19	0.00%	
90	Municipal Street Lighting	MONSR/MONSC (OLD MOSAD)	M814	100	0	ADD EQUIPMENT #814 - 50' MOUNTING HEIGHT - STEEL	MPS	29.9425	29.9425	359.31	359.31	0.00%	
90	Municipal Street Lighting	MONWR/MONWC (OLD MOWAD	M800	10	0	ADD EQUIPMENT #800 - WOOD POLE AND SPAN	MPS	1.7800	1.7800	21.36	21.36	0.00%	
90	Municipal Street Lighting	MONWR/MONWC (OLD MOWAD	M807	50	0	ADD EQUIPMENT #807 - 30' MOUNTING HEIGHT - WOOD	MPS	1.7333	1.7333	20.80	20.80	0.00%	
90	Municipal Street Lighting	MONWR/MONWC (OLD MOWAD	M809	60	0	ADD EQUIPMENT #809 - 35' MOUNTING HEIGHT - WOOD	MPS	4.6925	4.6925	56.31	56.31	0.00%	
90	Municipal Street Lighting	MONWR/MONWC (OLD MOWAD	M811	70	0	ADD EQUIPMENT #811 - 40' MOUNTING HEIGHT - WOOD	MPS	5.1933	5.1933	62.32	62.32	0.00%	
90	Municipal Street Lighting	MONWR/MONWC (OLD MOWAD	M813	80	0	ADD EQUIPMENT #813 - 50' MOUNTING HEIGHT - WOOD	MPS	9.3883	9.3883	112.66	112.66	0.00%	
93	Private Area Lighting	MONSR/MONSC (OLD MOSAD)	M802	20	0	ADD EQUIPMENT #802 - STEEL POLE AND SPAN	MPS	5.7867	5.7867	69.44	69.44	0.00%	
93	Private Area Lighting	MONSR/MONSC (OLD MOSAD)	BKWY	30	0	ADD EQUIPMENT #803 - BREAKAWAY	MPS	2.8175	2.8175	33.81	33.81	0.00%	
93	Private Area Lighting	MONSR/MONSC (OLD MOSAD)	M804	40	0	ADD EQUIPMENT #804 - ROCK REMOVAL	MPS	0.2008	0.2008	2.41	2.41	0.00%	
93	Private Area Lighting	MONSR/MONSC (OLD MOSAD)	M805	50	0	ADD EQUIPMENT #805 - UG WIRING UNDER CONCRETE	MPS	0.2550	0.2550	3.06	3.06	0.00%	
93	Private Area Lighting	MONSR/MONSC (OLD MOSAD)	M806	60	0	ADD EQUIPMENT #806 - UG WIRING	MPS	0.0558	0.0558	0.67	0.67	0.00%	
93	Private Area Lighting	MONWR/MONWC (OLD MOWAD	M800	10	0	ADD EQUIPMENT #800 - WOOD POLE AND SPAN	MPS	1.7800	1.7800	21.36	21.36	0.00%	
		MONSR/MONSC (OLD MOSAD)	UNGR	110	0	ADD EQUIPMENT #815	MPS	25.5142	25.5142	306.17	306.17	0.00%	
		MONSR/MONSC (OLD MOSAD)	UNPV	120	0	ADD EQUIPMENT #816	MPS	5.6525	5.6525	67.83	67.83	0.00%	
		MONSR/MONSC (OLD MOSAD)	M955	130	0	ADD EQUIPMENT #955	MPS	(5.7867)	(5.7867)	(69.44)	(69.44)	0.00%	Credit for Use of Existing Pole
		MONWR/MONWC (OLD MOWAD	M804	20	0	ADD EQUIPMENT #804	MPS	0.2008	0.2008	2.41	2.41	0.00%	
		MONWR/MONWC (OLD MOWAD	M805	30	0	ADD EQUIPMENT #805	MPS	0.2550	0.2550	3.06	3.06	0.00%	
		MONWR/MONWC (OLD MOWAD	M806	40	0	ADD EQUIPMENT #806	MPS	0.0558	0.0558	0.67	0.67	0.00%	
		MONWR/MONWC (OLD MOWAD	UNGR	90	0	ADD EQUIPMENT #815 UNGR	MPS	25.5142	25.5142	306.17	306.17	0.00%	
		MONWR/MONWC (OLD MOWAD	UNPV	100	0	ADD EQUIPMENT #816 UNPV	MPS	5.6525	5.6525	67.83	67.83	0.00%	
		MONWR/MONWC (OLD MOWAD	M954	105	0	ADD EQUIPMENT #954	MPS	(1.7800)	(1.7800)	(21.36)	(21.36)	0.00%	
103	Special Isolated Generating Plant Service					Capacity Charge (per kW)	MPS	8.49	9.03			6.36%	
103	Special Isolated Generating Plant Service					Minimum Capacity	MPS	8,461.72	8,995.11			6.30%	
104	Special Isolated Generating Plant Service					All Energy	MPS	0.0602	0.0640			6.31%	
104	Special Isolated Generating Plant Service					Excess Demand (per kW)	MPS	10.8700	11.56			6.35%	
104	Special Isolated Generating Plant Service					Minimum Bill	MPS	8,461.72	8,995.11			6.30%	
104	Special Isolated Generating Plant Service					Reactive Demand	MPS	0.40	0.43			7.50%	
135	Light Emitting Diode Pilot Project					STREET LIGHT - LED- <7000 ENC - WOOD - OH	MPS	14.7667	14.7667	177.20	177.20	0.00%	
135	Light Emitting Diode Pilot Project					STREET LIGHT - LED -<7000 ENC - WOOD - UG	MPS	18.6100	18.6100	223.32	223.32	0.00%	
135	Light Emitting Diode Pilot Project					STREET LIGHT LED - >7000 ENC - WOOD - OH	MPS	15.0217	15.0217	180.26	180.26	0.00%	
135	Light Emitting Diode Pilot Project					STREET LIGHT LED - >7000 ENC - WOOD - UG	MPS	18.8667	18.8667	226.40	226.40	0.00%	
135	Light Emitting Diode Pilot Project					STREET LIGHT LED - <7000 ENC - STEEL - OH	MPS	17.4367	17.4367	209.24	209.24	0.00%	
135	Light Emitting Diode Pilot Project					STREET LIGHT LED - <7000 ENC - STEEL - UG	MPS	21.2858	21.2858	255.43	255.43	0.00%	
135	Light Emitting Diode Pilot Project					STREET LIGHT LED - >7000 ENC - STEEL - OH	MPS	17.6925	17.6925	212.31	212.31	0.00%	
135	Light Emitting Diode Pilot Project					STREET LIGHT LED - >7000 ENC - STEEL - UG	MPS	21.5392	21.5392	258.47	258.47	0.00%	
135	Light Emitting Diode Pilot Project		M800	10	0	ADD EQUIPMENT - WOOD POLE AND SPAN	MPS	1.7800	1.7800	21.36	21.36	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
135	Light Emitting Diode Pilot Project		M802	20	0	ADD EQUIPMENT - STEEL POLE AND SPAN	MPS	5.1200	5.1200	61.44	61.44	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
135	Light Emitting Diode Pilot Project		BKWY	30	0	ADD EQUIPMENT - BREAKAWAY	MPS	2.8175	2.8175	33.81	33.81	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
135	Light Emitting Diode Pilot Project		M804	40	0	ADD EQUIPMENT - ROCK REMOVAL	MPS	0.2008	0.2008	2.41	2.41	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
135	Light Emitting Diode Pilot Project		M807	50	0	ADD EQUIPMENT - 30' MOUNTING HEIGHT - WOOD	MPS	1.7333	1.7333	20.80	20.80	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
135	Light Emitting Diode Pilot Project		M809	60	0	ADD EQUIPMENT - 35' MOUNTING HEIGHT - WOOD	MPS	4.6925	4.6925	56.31	56.31	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
135	Light Emitting Diode Pilot Project		M811	70	0	ADD EQUIPMENT - 40' MOUNTING HEIGHT - WOOD	MPS	5.1933	5.1933	62.32	62.32	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
135	Light Emitting Diode Pilot Project		M813	80	0	ADD EQUIPMENT - 50' MOUNTING HEIGHT - WOOD	MPS	9.3883	9.3883	112.66	112.66	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
			M808	70	0	ADD EQUIPMENT - 30' MOUNTING HEIGHT - STEEL	MPS	5.8775	5.8775	70.53	70.53	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
			M810	80	0	ADD EQUIPMENT - 35' MOUNTING HEIGHT - STEEL	MPS	8.5908	8.5908	103.09	103.09	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
			M812	90	0	ADD EQUIPMENT - 40' MOUNTING HEIGHT - STEEL	MPS	13.4325	13.4325	161.19	161.19	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90
			M814	100	0	ADD EQUIPMENT - 50' MOUNTING HEIGHT - STEEL	MPS	29.9425	29.9425	359.31	359.31	0.00%	Same pricing as MRU's in Municipal Street Lighting tariff sheet 90

Enter Current Monthly Prices
New Rates for CIS+

GMO- L&P Proposed Revenue - Direct Filing

					$ 26,455,459	$ 21,988			
L&P	kWh	Revenue (excluding FAC, MEEIA, and RESRAM)	Adjustments	Base Rate Revenue	Requested Increase	Pre- MEEIA Opt-out Revenues	Increase to be applied to rates	Final Base Revenue	Combined Increase %
RESIDENTIAL TOTAL	716,109,702	$ 74,938,064	$ 90,162	$ 75,028,226	$ 11,166,455	$ -	$ 11,166,455	$ 86,194,681	14.8830%
SMALL GEN SVC TOTAL	104,031,570	$ 13,826,139	$ 20,073	$ 13,846,212	$ 2,060,732	$ 1,729	$ 2,062,461	$ 15,908,673	14.8955%
LARGE GEN SVC TOTAL	357,577,109	$ 31,372,076	$ 16,559	$ 31,388,635	$ 4,671,572	$ 5,942	$ 4,677,514	$ 36,066,149	14.9019%
LARGE POWER TOTAL	861,605,084	$ 56,571,283	$ 797,394	$ 57,368,677	$ 8,538,183	$ 14,317	$ 8,552,500	$ 65,921,177	14.9080%
METERED STREET LIGHTS	1,401,986	$ 125,892	$ (1,476)	$ 124,416	$ 18,517	$ -	$ 18,517	$ 142,933	14.8830%
MPS Non-Res TOTAL	1,323,213,763	101,769,498	834,026	102,603,524					
MPS Metered TOTALS	2,040,725,451	176,833,454	922,712	177,756,166		21,988			
MPS Lighting TOTAL:	19,850,782	$ 4,115,799	$ -	$ 4,115,799	$ -	$ -	$ -	$ 4,115,799	0.0000%
MPS TOTAL	**2,060,576,233**	**$ 180,949,253**	**$ 922,712**	**$ 181,871,965**	**$ 26,455,459**	**$ 21,988**	**$ 26,477,447**	**$ 208,349,412**	
		Increase $			$ 26,455,459	$ 21,988	$ 26,477,447		

ADJUSTMENTS include MPower, EDR, Primary Discounts, Excess Facility/Line Extension Charges, Net Metering Credit and Curtailment Credits

Pre-MEEIA Annual Amortization	$	109,199
Total kWh		2,039,323,465
Pre-MEEIA Rate		**0.00005**
Opt-out kWh		410,631,810
Revenue lost via Pre-MEEIA Opt-out	$	21,988

GMO-L&P RESIDENTIAL
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates With Increase**	**Proposed Rates**	**Proposed Scenarios**
		10.87%		
CUSTOMER CHARGE				
One Meter	9.54	15.00	15.00	
One Meter - Other Use	10.51	13.75	13.75	
Two Meters - Additional	5.11	5.67	5.67	
ENERGY CHARGE				($357)
Summer Rate				
Summer Gen - RES MO910, 911				
0-650	0.1191	0.13205	0.13205	
651 +	0.1191	0.13205	0.13205	
Summer Gen&S/H - RES MO920, M921				
0-1000	0.1191	0.13205	0.13205	
1001 +	0.1191	0.13205	0.13205	
Summer Gen/Other - RES MO915				
ALL KWH	0.1742	0.19314	0.19314	
Winter Rates				
Winter Gen - RES MO910, 911				
0-650	0.1058	0.11730	0.11730	
651 +	0.0780	0.08648	0.08648	
Winter Gen&S/H - RES MO920, 921				
0 -1000	0.0876	0.09713	0.09713	
1001 +	0.0590	0.06542	0.06542	
Winter Gen/Other - RES MO915				
All KWH	0.1272	0.14103	0.14103	
Sep Space Heat Mtr - RES MO922				
Winter	0.0705	0.07817	0.07817	
Summer	0.1223	0.13560	0.13560	
T-O-U (RTOD)				
Customer Charge	23.66	26.24	26.24	
Summer On-Peak	0.0465	0.05156	0.05156	
Summer Off-Peak	(0.0241)	(0.02672)	(0.02672)	
Winter On-Peak	0.0051	0.00565	0.00565	
Winter Off-Peak	(0.0035)	(0.00388)	(0.00388)	
FAC	0.0000	-	-	
Factor MO910,911		115.48%	100.00%	
Factor MO910,911 - Winter		116.41%	100.00%	
Factor MO920,921		114.18%	100.00%	
Factor MO920, 921 - Winter		114.31%	100.00%	
Factor MO915		114.86%	100.00%	
Factor MO915 - Winter		114.90%	100.00%	
Factor T-O-U				
Overall Change (*)		14.88%	14.88%	
Winter Price Below Summer (SUM-WIN)/SUM	28.0%	27.2%	27.2%	
Revenue	$75,028,226		$86,194,325	
Increase			$11,166,098	
Increase per Revenue Summary			$11,166,455	
			($357)	

MO RESIDENTIAL - L&P
Rate MO910, MO911, MO965(GENERAL USE & NET METERING)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	139392.4	9.54	$1,329,803	15.00	$2,090,885	15.00	$2,090,885
KWH:							
0 - 650	139098185.4	$0.1191	$16,566,594	$0.13205	$18,367,915	$0.13205	$18,367,915
650 +	0.0	$0.1191	$0	$0.13205	$0	$0.13205	$0
	139,098,185		$16,566,594		$18,367,915		$18,367,915
>			$0	$0.0000	$0	$0.0000	$0
REVENUE			$17,896,397		$20,458,801		$20,458,801
c/kwh			$0.1287		$0.1471		$0.1471
OVERALL CHANGE (%)					14.32%		14.32%
used to reference avg customer	998						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	277555.2	9.54	$2,647,877	15.00	$4,163,328	15.00	$4,163,328
KWH:							
0 - 650	132998306.2	$0.1058	$14,071,221	$0.11730	$15,600,701	$0.11730	$15,600,701
650 +	69660315.1	$0.0780	$5,433,505	$0.08648	$6,024,224	$0.08648	$6,024,224
	202,658,621		$19,504,725		$21,624,925		$21,624,925
>			$0	$0.0000	$0	$0.0000	$0
REVENUE			$22,152,602		$25,788,254		$25,788,254
c/kwh			$0.1093		$0.1272		$0.1272
OVERALL CHANGE (%)					16.41%		16.41%
used to reference avg customer	730						

ANNUAL	341,756,807	$40,048,999		$46,247,054		$46,247,054
c/kwh		$0.1172		$0.1353		$0.1353
OVERALL CHANGE (%)				15.48%		15.48%
Winter Price Below Summer (SUM-WIN)/SUM		15.1%		13.5%		13.5%

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MO RESIDENTIAL - L&P
RATE MO920, MO921, MO966 (GENERAL USE WITH SPACE HEAT - ONE METER & NET METERING)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	83690.5	9.54	$798,407	15.00	$1,255,357	15.00	$1,255,357
KWH:							
0 - 1000	94683667.6	$0.1191	$11,276,825	$0.13205	$12,502,978	$0.13205	$12,502,978
1000+	0.0	$0.1191	$0	$0.13205	$0	$0.13205	$0
	94,683,668		$11,276,825		$12,502,978		$12,502,978
>		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
REVENUE			$12,075,232		$13,758,335		$13,758,335
c/kwh			$0.1275		$0.1453		$0.1453
OVERALL CHANGE (%)					13.94%		13.94%
used to reference avg customer	*1,131*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	167566.4	9.54	$1,598,584	15.00	$2,513,497	15.00	$2,513,497
KWH:							
0 - 1000	137431932.5	$0.0876	$12,039,037	$0.09713	$13,348,764	$0.09713	$13,348,764
1000+	134568461.9	$0.0590	$7,939,539	$0.06542	$8,803,469	$0.06542	$8,803,469
	272,000,394		$19,978,577		$22,152,232		$22,152,232
>		$0.0000	$0.00	$0.0000	$0.00	$0.0000	$0.00
REVENUE			$21,577,160		$24,665,729		$24,665,729
c/kwh			$0.0793		$0.0907		$0.0907
OVERALL CHANGE (%)					14.31%		14.31%
used to reference avg customer	*1,623*						

ANNUAL	366,684,062	$33,652,392	$38,424,064	$38,424,064
c/kwh		$0.0918	$0.1048	$0.1048
OVERALL CHANGE (%)			14.18%	14.18%
Winter Price Below Summer (SUM-WIN)/SUM		37.8%	37.6%	37.6%

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MO RESIDENTIAL - L&P
RATE MO915 (GENERAL USE OTHER)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	8290.3	10.51	$87,131	13.75	$113,992	13.75	$113,992
KWH:							
ALL KWH	2052655.2	$0.1742	$357,573	$0.19314	$396,450	$0.19314	$396,450
	2,052,655		$357,573		$396,450		$396,450
>		$0.0000	$0	$0.0000	$0.00	$0.0000	$0.00
REVENUE			$444,704		$510,442		$510,442
c/kwh			$0.2166		$0.2487		$0.2487
OVERALL CHANGE (%)					14.78%		14.78%
used to reference avg customer	*248*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	16554.4	10.51	$173,987	13.75	$227,623	13.75	$227,623
KWH:							
ALL KWH	5413627.0	$0.1272	$688,613	$0.14103	$763,484	$0.14103	$763,484
	5,413,627		$688,613		$763,484		$763,484
>		$0.0000	$0	$0.0000		$0.0000	
REVENUE			$862,600		$991,107		$991,107
c/kwh			$0.1593		$0.1831		$0.1831
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg customer	*327*						

ANNUAL	7,466,282	$1,307,304	$1,501,548	$1,501,548
c/kwh		$0.1751	$0.2011	$0.2011
OVERALL CHANGE (%)			14.86%	14.86%
Winter Price Below Summer (SUM-WIN)/SUM		26.5%	26.4%	26.4%

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MO RESIDENTIAL - L&P
RATE MO922 (GENERAL USE - SEPARATE SPACE HEAT METER)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	156.1	5.11	$798	5.67	$885	5.67	$885
KWH:							
ALL KWH	55496.6	$0.1223	$6,787	$0.13560	$7,525	$0.13560	$7,525
	55,497		$6,787		$7,525		$7,525
>		$0.0000	$0.00	$0.0000	$0.00	$0.0000	$0.00
REVENUE			$7,585		$8,410		$8,410
c/kwh			$0.1367		$0.1515		$0.1515
OVERALL CHANGE (%)					10.88%		10.88%
used to reference avg customer	*355*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	309.0	5.11	$1,579	5.67	$1,752	5.67	$1,752
KWH:							
ALL KWH	147054.9	$0.0705	$10,367	$0.07817	$11,495	$0.07817	$11,495
	147,055		$10,367		$11,495		$11,495
>		$0.0000	$0.00	$0.0000	$0.00	$0.0000	$0.00
REVENUE			$11,946		$13,247		$13,247
c/kwh			$0.0812		$0.0901		$0.0901
OVERALL CHANGE (%)					10.89%		10.89%
used to reference avg customer	*476*						

ANNUAL	202,551	$19,531	$21,658		$21,658
c/kwh		$0.0964	$0.1069		$0.1069
OVERALL CHANGE (%)			10.89%		10.89%
Winter Price Below Summer (SUM-WIN)/SUM		40.6%	40.5%		40.5%

SUMMER TOTAL (ALL RATES)	235,890,005	$30,423,917	$34,735,988	$34,735,988
WINTER TOTAL (ALL RATES)	480,219,697	$44,604,309	$51,458,337	$51,458,337
GRAND TOTAL (ANNUAL - ALL RATES)	**716,109,702**	**$75,028,226**	**$86,194,325**	**$86,194,325**
c/kwh Summer		**$0.1290**	**$0.1473**	**$0.1473**
c/kwh Winter		**$0.0929**	**$0.1072**	**$0.1072**
c/kwh Annual		**$0.1048**	**$0.1204**	**$0.1204**
Winter Price Below Summer (SUM-WIN)/SUM		**28.0%**	**27.2%**	**27.2%**
OVERALL CHANGE (%)			**14.88%**	**14.88%**

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GMO-L&P SMALL GENERAL SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**PROPOSED RATES**	**Proposed Scenarios**
		14.8955%		
A: CUSTOMER CHARGE				
Limited demand service (MO930 & MO967)	18.85	21.66	21.66	
Short Term Service (MO928)	18.85	21.66	21.66	
Space Heat/Water Heat - Separate Meter (MO941)	9.65	11.09	11.09	
B: FACILITIES KW CHARGE (MO931 & MO968)				
For the first ten (10) Facilities kW *per bill*	4.307	4.949	4.949	
Value for Tariff	43.07		49.490	
For all over ten (10) *per each* Facilities kW	3.14	3.608	3.608	
C: ENERGY CHARGE				($1,517)
LIMITED DEMAND SUMMER: (MO930 & MO967)				
all kwh	0.1595	0.18326	0.18326	
LIMITED DEMAND WINTER: (MO930 & MO967)				
all kwh	0.1148	0.13180	0.13180	
GENERAL USE SUMMER: (MO931 & MO968)				
For the first 150 kwh's per actual kw	0.1323	0.15201	0.15201	
For all over 150 kwh's per actual kw	0.0970	0.11145	0.11145	
GENERAL USE WINTER: (MO931 & MO968)				
For the first 150 kwh's per actual kw	0.0897	0.10306	0.10306	
For all over 150 kwh's per actual kw	0.0698	0.08020	0.08020	
SHORT TERM SERVICE SUMMER: (MO928)				
all kwh	0.1595	0.18326	0.18326	
SHORT TERM SERVICE WINTER: (MO928)				
all kwh	0.1149	0.13201	0.13201	
SH/WH SEPARATE METER SUMMER: (MO941)				
all kwh	0.1595	0.18326	0.18326	
SH/WH SEPARATE METER WINTER: (MO941)				
all kwh	0.0689	0.07916	0.07916	
TIME OF DAY				
Customer Charge	23.60	27.12	27.12	
Summer On-Peak	0.0383	0.04400	0.04400	
Summer Off-Peak	(0.0261)	(0.02999)	(0.02999)	
Winter On-Peak	0.0035	0.00402	0.00402	
Winter Off-Peak	(0.0035)	(0.00402)	(0.00402)	
Factor MO930		114.86%	100.00%	
Factor MO930 - Winter		114.83%	100.00%	
Factor MO928		114.90%	100.00%	
Factor MO928 - Winter		114.89%	100.00%	
Factor MO931		114.90%	100.00%	
Factor MO931 - Winter		114.90%	100.00%	
Factor MO941		114.90%	100.00%	
Factor MO941 - Winter		114.89%	100.00%	
Winter Price Below Summer (SUM-WIN)/SUM		23.9%	23.9%	
Overall Change		14.88%	14.88%	
Revenue	$13,846,212		$15,907,156	
Increase			$2,060,944	
Design increase per Revenue Summary			$2,062,461	
			($1,517)	

MO SMALL GENERAL - L&P
Limited Demand Service & Net Metering MO930, MO967

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	Rate	Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	14,898.4	$18.85	$280,834	$21.66	$322,698.29	$21.66	$322,698.29
B: ENERGY CHARGE							
All Kwh	9,126,092.2	$0.1595	$1,455,612	$0.1833	$1,672,448	$0.1833	$1,672,448
	9,126,092.2		1,455,612		1,672,448		1,672,448
>			$0				
REVENUE			$1,736,446		$1,995,146		$1,995,146
c/kwh			$0.1903		$0.2186		$0.2186
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg customer	612.6						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	29,897.1	$18.85	$563,561	$21.66	$647,571.50	$21.66	$647,571.50
B: ENERGY CHARGE							
All Kwh	19,167,672.5	$0.1148	$2,200,449	$0.1318	$2,526,299	$0.1318	$2,526,299
	19,167,672.5		$2,200,449		$2,526,299		$2,526,299
>			$0				
REVENUE			$2,764,009		$3,173,871		$3,173,871
c/kwh			$0.1442		$0.1656		$0.1656
OVERALL CHANGE (%)					14.83%		14.83%
used to reference avg customer	641						

ANNUAL	28,293,765		$4,500,455		$5,169,017		$5,169,017
c/kwh			$0.1591		$0.1827		$0.1827
OVERALL CHANGE (%)					14.86%		14.86%
Winter Price Below Summer (SUM-WIN)/SUM			24%		24%		24%

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MO SMALL GENERAL - L&P
General Use & Net Metering MO931, MO968

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-						
B: FACILITIES KW CHARGE:							
For the first ten (10) kw per bill	88,614.7	$4.31	$381,664	$4.95	$438,554	$4.95	$438,554
For all over ten (10) per each kw	104,959.3	$3.14	$329,572	$3.61	$378,693	$3.61	$378,693
	193,574		$711,236		$817,248		$817,248
B: ENERGY CHARGE							
0-150	15,162,293.9	$0.1323	$2,005,971	$0.1520	$2,304,820	$0.1520	$2,304,820
over 150	10,272,044.1	$0.0970	$996,388	$0.1115	$1,144,819	$0.1115	$1,144,819
	25,434,338.0		$3,002,360		$3,449,640		$3,449,640
>			$0				
REVENUE			$3,713,596		$4,266,887		$4,266,887
c/kwh			$0.2449		$0.2814		$0.2814
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg base customer	*#DIV/0!*						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	-						
B: FACILITIES KW CHARGE:							
For the first ten (10) kw per bill	176,903.4	$4.31	$761,923	$4.95	$875,495	$4.95	$875,495
For all over ten (10) per each kw	204,741.5	$3.14	$642,888	$3.61	$738,707	$3.61	$738,707
	381,644.9		$1,404,811		$1,614,202		$1,614,202
B: ENERGY CHARGE							
0-150	30,119,267.9	$0.0897	$2,701,698	$0.1031	$3,104,092	$0.1031	$3,104,092
over 150	18,017,609.5	$0.0698	$1,257,629	$0.0802	$1,445,012	$0.0802	$1,445,012
	48,136,877.4		$3,959,327		$4,549,104		$4,549,104
>			$0				
REVENUE			$5,364,139		$6,163,306		$6,163,306
c/kwh			$0.1114		$0.1280		$0.1280
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg base customer	*#DIV/0!*						

ANNUAL	73,571,215		$9,077,735		$10,430,194		$10,430,194
c/kwh			$0.1234		$0.1418		$0.1418
OVERALL CHANGE (%)					14.90%		14.90%
Winter Price Below Summer (SUM-WIN)/SUM			55%		55%		55%

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MO SMALL GENERAL - L&P
Short Term Service MO928

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	284.1	$18.85	$5,354.59	$21.66	$6,152.81	$21.66	$6,152.81
B: ENERGY CHARGE							
All Kwh	529,495.7	$0.1595	$84,455	$0.1833	$97,035	$0.1833	$97,035
	529,495.7		84,455		97,035		97,035
>							
REVENUE			$89,809		$103,188		$103,188
c/kwh			$0.1696		$0.1949		$0.1949
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg customer	1864						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	475.8	$18.85	$8,968.72	$21.66	$10,305.70	$21.66	$10,305.70
B: ENERGY CHARGE							
All Kwh	509,047.5	$0.1149	$58,490	$0.1320	$67,199	$0.1320	$67,199
	509,047.5		$58,490		$67,199		$67,199
>							
REVENUE			$67,458		$77,505		$77,505
c/kwh			$0.1325		$0.1523		$0.1523
OVERALL CHANGE (%)					14.89%		14.89%
used to reference avg customer	1070						

ANNUAL	1,038,543		$157,267		$180,693		$180,693
c/kwh			$0.1514		$0.1740		$0.1740
OVERALL CHANGE (%)					14.90%		14.90%
Winter Price Below Summer (SUM-WIN)/SUM			22%		22%		22%

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MO SMALL GENERAL SERVICE - L&P
Space Heat/Water Heat Separate Meter MO941 (Frozen)

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	219.6	$9.65	$2,119.44	$11.09	$2,435.70	$11.09	$2,435.70
B: ENERGY CHARGE							
All Kwh	295,316.8	$0.1595	$47,103	$0.1833	$54,120	$0.1833	$54,120
	295,316.8		47,103		54,120		54,120
>							
REVENUE			$49,222		$56,555		$56,555
c/kwh			$0.1667		$0.1915		$0.1915
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg customer	1345					.	

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: CUSTOMER COUNT	430.8	$9.65	$4,157.39	$11.09	$4,777.77	$11.09	$4,777.77
B: ENERGY CHARGE							
All Kwh	832,730.2	$0.0689	$57,375	$0.0792	$65,919	$0.0792	$65,919
	832,730.2		$57,375		$65,919		$65,919
>							
REVENUE			$61,533		$70,697		$70,697
c/kwh			$0.0739		$0.0849		$0.0849
OVERALL CHANGE (%)					14.89%		14.89%
used to reference avg customer	1933						

ANNUAL	1,128,047		$110,755		$127,252		$127,252
c/kwh			$0.0982		$0.1128		$0.1128
OVERALL CHANGE (%)					14.90%		14.90%
Winter Price Below Summer (SUM-WIN)/SUM			56%		56%		56%

SUMMER TOTAL (ALL RATES)	35,385,243		$5,589,073		$6,421,777		$6,421,777
WINTER TOTAL (ALL RATES)	68,646,328		$8,257,139		$9,485,379		$9,485,379
GRAND TOTAL (ANNUAL - ALL RATES)	**104,031,570**		**$13,846,212**		**$15,907,156**		**$15,907,156**
c/kwh Summer			**$0.1579**		**$0.1815**		**$0.1815**
c/kwh Winter			**$0.1203**		**$0.1382**		**$0.1382**
c/kwh Annual			**$0.1331**		**$0.1529**		**$0.1529**
Winter Price Below Summer (SUM-WIN)/SUM			**23.8%**		**23.9%**		**23.9%**
OVERALL CHANGE (%)					**14.88%**		**14.88%**

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$12,981,217

GMO-L&P LARGE GENERAL SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**PROPOSED RATES**	**Proposed Scenarios**
		14.9019%		
Rates: MO938, MO939, MO940				
A: FACILITIES CHARGE				
First 40 KW - Value for Billing System	3.53	4.052	4.050	
First 40 KW - Value for Tariff	141.06	162.081	162.081	
All KW over 40	1.89	2.172	2.172	
B: DEMAND CHARGE				
SUMMER				
All KW	4.86	5.584	5.584	
WINTER				
Each KW less </= prev Summer Peak KW	2.29	2.631	2.631	
Eack KW > prev Summer Peak KW	0.37	0.425	0.425	
C: ENERGY CHARGE				($564)
SUMMER				
For the first 200 KWH Per actual KW	0.0910	0.10456	0.10456	
For all KWH over 200 per Actual KW	0.0614	0.07055	0.07055	
WINTER				
For the first 200 KWH Per actual KW	0.0633	0.07273	0.07273	
For all KWH over 200 per Actual KW	0.0539	0.06193	0.06193	
T-O-U (RTOD)				
Customer Charge	26.22	30.13	30.13	
Summer On-Peak	0.0349	0.04010	0.04010	
Summer Off-Peak	(0.0210)	(0.02413)	(0.02413)	
Winter On-Peak	0.0035	0.00402	0.00402	
Winter Off-Peak	(0.0035)	(0.00402)	(0.00402)	
PRIMARY DISCOUNT RIDER				
for each Primary KWH	(1.00)	(1.15)	(1.15)	
Factor All Rates		114.90%	100.00%	
Factor All Rates - Winter		114.90%	100.00%	
Winter Price Below Summer (SUM-WIN)/SUM	25.2%	25.2%	25.2%	
Overall Change		14.90%	14.90%	
Revenue	$31,388,635		$36,065,585	
Increase			$4,676,950	
Design increase per Revenue Summary			$4,677,514	
			($564)	

MO LARGE GENERAL SERVICE - L&P
ALL RATES MO938, MO939, MO940, MO942

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: FACILITIES CHARGE							
First 40 KW	4,574.7	$141.06	$645,312	$162.08	$741,477.14	$162.08	$741,477.14
All KW > 40	356,610.1	$1.89	$673,993	$2.17	$774,557.11	$2.17	$774,557.11
	361,184.8		$1,319,305		$1,516,034.25		$1,516,034.25
B: DEMAND CHARGE							
All KW	416,313.5	$4.86	$2,023,284	$5.58	$2,324,694.65	$5.58	$2,324,694.65
	416,313.5		$2,023,284		$2,324,694.65		$2,324,694.65
C: ENERGY CHARGE							
For the first 200 KWH Per actual KW	73,175,205.6	$0.0910	$6,658,944	$0.1046	$7,651,199	$0.1046	$7,651,199
For all KWH over 200 per Actual KW	53,737,221.4	$0.0614	$3,299,465	$0.0706	$3,791,161	$0.0706	$3,791,161
	126,912,427.0		$9,958,409		$11,442,360		$11,442,360
>			$0				
REVENUE			$13,300,998		$15,283,089		$15,283,089
c/kwh			$0.1048		$0.1204		$0.1204
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg base customer	356						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: FACILITIES CHARGE							
First 40 KW	9,123.1	$141.06	$1,286,908	$162.08	$1,478,685.41	$162.08	$1,478,685.41
All KW > 40	705,112.2	$1.89	$1,332,662	$2.17	$1,531,503.77	$2.17	$1,531,503.77
	714,235.4		$2,619,570		$3,010,189.18		$3,010,189.18
B: DEMAND CHARGE							
Base Billing Demand	741,629.4	$2.29	$1,698,331	$2.63	$1,951,227.02	$2.63	$1,951,227.02
Seasonal Billing Demand	70,182.5	$0.37	$25,968	$0.43	$29,827.55	$0.43	$29,827.55
	811,811.9		$1,724,299		$1,981,054.57		$1,981,054.57
C: ENERGY CHARGE							
For the first 200 KWH Per actual KW	139,461,895.1	$0.0633	$8,827,938	$0.0727	$10,143,064	$0.0727	$10,143,064
For all KWH over 200 per Actual KW	91,202,786.5	$0.0539	$4,915,830	$0.0619	$5,648,189	$0.0619	$5,648,189
	230,664,681.7		$13,743,768		$15,791,252		$15,791,252
>			$0				
REVENUE			$18,087,637		$20,782,496		$20,782,496
c/kwh			$0.0784		$0.0901		$0.0901
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg base customer	25284						
>			$0		$0		$0
ANNUAL	359,880,654		$31,388,635		$36,065,585		$36,065,585
c/kwh			$0.0872		$0.1002		$0.1002
OVERALL CHANGE (%)					14.90%		14.90%
Winter Price Below Summer (SUM-WIN)/SUM			25.2%		25.2%		25.2%

SUMMER TOTAL (ALL RATES)	126,912,427	$13,300,998	$15,283,089	$15,283,089
WINTER TOTAL (ALL RATES)	230,664,682	$18,087,637	$20,782,496	$20,782,496
GRAND TOTAL (ANNUAL - ALL RATES)	**357,577,109**	**$31,388,635**	**$36,065,585**	**$36,065,585**
c/kwh Summer		**$0.1048**	**$0.1204**	**$0.1204**
c/kwh Winter		**$0.0784**	**$0.0901**	**$0.0901**
c/kwh Annual		**$0.0878**	**$0.1009**	**$0.1009**
Winter Price Below Summer (SUM-WIN)/SUM		**25.2%**	**25.2%**	**25.2%**
OVERALL CHANGE (%)			**14.90%**	**14.90%**

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GMO-L&P LARGE POWER SERVICE
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates with Increase**	**PROPOSED RATES**	**Proposed Scenarios**
		14.9080%		
Rates: MO944, MO945, MO946, MO947				
A: FACILITIES CHARGE				
First 500 KW	2.281	2.621	2.621	
Value for Tariff	1,140.56		1,310.500	Multiple rate by 500 for tariff presentation
All KW over 500	1.81	2.080	2.080	
B: DEMAND CHARGE				
SUMMER				
All KW	13.12	15.073	15.073	
WINTER				
Each KW less </= prev Summer Peak KW	5.60	6.435	6.435	
Eack KW > prev Summer Peak KW	0.36	0.414	0.414	
C: ENERGY CHARGE				
SUMMER				
for each "On - Peak" KWH	0.0607	0.06975	0.06975	
for each "Off - Peak" KWH	0.0427	0.04907	0.04907	
WINTER				
for each "On - Peak" KWH	0.0501	0.05757	0.05757	
for each "Off - Peak" KWH	0.0377	0.04332	0.04332	
D: PRIMARY DISCOUNT RIDER				
for each Primary KWH	-1.00	(1.15)	(1.15)	
Factor All Rates		114.91%	100.00%	
Factor All Rates - Winter		114.91%	100.00%	
Winter Price Below Summer (SUM-WIN)/SUM	25.5%	25.5%	25.5%	
Overall Change		14.91%	14.91%	
Revenue	$57,368,677		$65,920,860	
Increase			$8,552,183	
Design increase per Revenue Summary			$8,552,500	
			($317)	

MO LARGE POWER SERVICE - L&P
ALL RATES MO944, MO945, MO946, MO947

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: FACALITIES CHARGE							
First 500 KW	159,000.0	$2.28	$362,698.08	$2.62	$416,739.00	$2.62	$416,739.00
All KW > 500	498,335.9	$1.81	$901,987.92	$2.08	$1,036,538.60	$2.08	$1,036,538.60
	657,335.9		$1,264,686.00		$1,453,277.60		$1,453,277.60
B: DEMAND CHARGE							
All KW	598,731.2	$13.12	$7,855,352.90	$15.07	$9,024,674.87	$15.07	$9,024,674.87
	598,731.2		$7,855,352.90		$9,024,674.87		$9,024,674.87
C: ENERGY CHARGE							
for each "On - Peak" KWH	120,486,357.2	$0.0607	$7,313,522	$0.0698	$8,403,923	$0.0698	$8,403,923
for each "Off - Peak" KWH	184,341,143.4	$0.0427	$7,871,367	$0.0491	$9,045,620	$0.0491	$9,045,620
	304,827,500.5		$15,184,889		$17,449,543		$17,449,543
>			$0				
REVENUE			$24,304,928		$27,927,496		$27,927,496
c/kwh			$0.0797		$0.0916		$0.0916
OVERALL CHANGE (%)					14.90%		14.90%
used to reference avg base customer	612						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
A: FACALITIES CHARGE							
First 500 KW	321,706.6	$2.28	$733,851.43	$2.62	$843,193.08	$2.62	$843,193.08
All KW > 500	994,514.1	$1.81	$1,800,070.57	$2.08	$2,068,589.38	$2.08	$2,068,589.38
	1,316,220.8		$2,533,922.00		$2,911,782.46		$2,911,782.46
B: DEMAND CHARGE							
Each KW less </= prev Summer Peak KW	1,120,414.9	$5.60	$6,274,323.41	$6.44	$7,209,869.85	$6.44	$7,209,869.85
Eack KW > prev Summer Peak KW	8,827.0	$0.36	$3,177.72	$0.41	$3,654.38	$0.41	$3,654.38
	1,129,241.9		$6,277,501.13		$7,213,524.22		$7,213,524.22
C: ENERGY CHARGE							
for each "On - Peak" KWH	263,049,326.0	$0.0501	$13,178,771	$0.0576	$15,143,750	$0.0576	$15,143,750
for each "Off - Peak" KWH	293,728,257.0	$0.0377	$11,073,555	$0.0433	$12,724,308	$0.0433	$12,724,308
	556,777,583.0		$24,252,327		$27,868,058		$27,868,058
>			$0				
REVENUE			$33,063,750		$37,993,364		$37,993,364
c/kwh			$0.0594		$0.0682		$0.0682
OVERALL CHANGE (%)					14.91%		14.91%
used to reference avg base customer	1731						
ADJUSTMENT			$0		$0		$0
ANNUAL	861,605,084		$57,368,677		$65,920,860		$65,920,860
c/kwh			$0.0666		$0.0765		$0.0765
OVERALL CHANGE (%)					14.91%		14.91%
Winter Price Below Summer (SUM-WIN)/SUM	1,973,556.63		25.5%		25.5%		25.5%
	1,727,973.06						

SUMMER TOTAL (ALL RATES)	304,827,500.5	$24,304,928	$27,927,496	$27,927,496
WINTER TOTAL (ALL RATES)	556,777,583.0	$33,063,750	$37,993,364	$37,993,364
GRAND TOTAL (ANNUAL - ALL RATES)	**861,605,083.5**	**$57,368,677**	**$65,920,860**	**$65,920,860**
c/kwh Summer		**$0.0797**	**$0.0916**	**$0.0916**
c/kwh Winter		**$0.0594**	**$0.0682**	**$0.0682**
c/kwh Annual		**$0.0666**	**$0.0765**	**$0.0765**
Winter Price Below Summer (SUM-WIN)/SUM		**25.5%**	**25.5%**	**25.5%**
OVERALL CHANGE (%)			**14.91%**	**14.91%**

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GMO-L&P METERED LIGHTING
PROPOSED RATE DESIGN
ER-2016-0156 Direct Filing

INPUT FOR MODEL				
	Current Rates	**Rates With Increase**	**Proposed Rates**	**Proposed Scenarios**
		14.8830%		
CHARGE				
Service Charge MO971	7.41	8.51	8.51	
Secondary Meter Base MO972, MO973	3.16	3.63	3.63	
Current Transformer with Meter MO972, MO973	5.48	6.30	6.30	
Other Meter MO972	11.66	13.40	13.40	
ENERGY CHARGE				
Summer Rates				
MO971	0.1223	0.14040	0.14040	
MO972	0.0632	0.07251	0.07251	
MO973	0.0759	0.08710	0.08710	
Winter Rates				
MO971	0.1223	0.14040	0.14040	
MO972	0.0632	0.07251	0.07251	
MO973	0.0759	0.08710	0.08710	
Factor MO860		114.80%	100.00%	
Factor MO860 - Winter		114.80%	100.00%	
Factor MO870		114.74%	100.00%	
Factor MO870 - Winter		114.74%	100.00%	
Factor MO815		114.77%	100.00%	
Factor MO815 - Winter		114.77%	100.00%	
Factor T-O-U				
Overall Change (*)		14.77%	14.77%	
Winter Price Below Summer (SUM-WIN)/SUM	11.7%	11.7%	11.7%	
Revenue	$124,416		$142,794	
Increase			$18,378	
Design Increase per Revenue Summary			$18,517	
			($139)	

MO METERED LIGHTING - L&P
RATE MO971

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
SERVICE CHARGE	181.0	$7.41	$1,341	$8.51	$1,540	$8.51	$1,540
KWH:							
All	213,239.0	$0.1223	$26,079	$0.1404	$29,939	$0.1404	$29,939
	213,239.0		$26,079		$29,939		$29,939
>							
REVENUE			$27,420		$31,479		$31,479
c/kwh			$0.1286		$0.1476		$0.1476
OVERALL CHANGE (%)					14.80%		14.80%
used to reference avg customer	1,178						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
SERVICE CHARGE	358.0	$7.41	$2,653	$8.51	$3,047	$8.51	$3,047
KWH:							
All	185,504.0	$0.1223	$22,687	$0.1404	$26,045	$0.1404	$26,045
	185,504.0		$22,687		$26,045		$26,045
>							
REVENUE			$25,340		$29,092		$29,092
c/kwh			$0.1366		$0.1568		$0.1568
OVERALL CHANGE (%)					14.80%		14.80%
used to reference avg customer	518						

ANNUAL	398,743		$52,760		$60,571	$60,571
c/kwh			$0.1323		$0.1519	$0.1519
OVERALL CHANGE (%)					14.80%	14.80%
Winter Price Below Summer (SUM-WIN)/SUM			-2.9%		-2.9%	-2.9%

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MO METERED LIGHTING - L&P
RATE MO972

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
SECONDARY METER BASE	144.0	$3.16	$455	$3.63	$523	$3.63	$523
OTHER METER	16.0	$11.66	$187	$13.40	$214	$13.40	$214
			$642		$737		$737
KWH:							
All	207,915.0	$0.0632	$13,140	$0.0725	$15,076	$0.0725	$15,076
	207,915.0		$13,140		$15,076		$15,076
>							
REVENUE			$13,782		$15,813		$15,813
c/kwh			$0.0663		$0.0761		$0.0761
OVERALL CHANGE (%)					14.74%		14.74%
used to reference avg customer	1,444						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
SECONDARY METER BASE	287.2	$3.16	$908	$3.63	$1,043	$3.63	$1,043
OTHER METER	32.0	$11.66	$373	$13.40	$429	$13.40	$429
			$1,281		$1,471		$1,471
KWH:							
All	516,899.0	$0.0632	$32,668	$0.0725	$37,480	$0.0725	$37,480
	516,899.0		$32,668		$37,480		$37,480
>							
REVENUE			$33,949		$38,952		$38,952
c/kwh			$0.0657		$0.0754		$0.0754
OVERALL CHANGE (%)					14.74%		14.74%
used to reference avg customer	1,800						

ANNUAL	724,814	$47,731	$54,765	$54,765
c/kwh		$0.0659	$0.0756	$0.0756
OVERALL CHANGE (%)			14.74%	14.74%
Winter Price Below Summer (SUM-WIN)/SUM		0.6%	0.7%	0.7%

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MO METERED LIGHTING - L&P
RATE MO973

SUMMER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	295.0	$3.16	$932	$3.63	$1,071	$3.63	$1,071
KWH:							
All	86,889.0	$0.0759	$6,595	$0.0871	$7,568	$0.0871	$7,568
	86,889.0		$6,595		$7,568		$7,568
>							
REVENUE			$7,527		$8,639		$8,639
c/kwh			$0.0866		$0.0994		$0.0994
OVERALL CHANGE (%)					14.77%		14.77%
used to reference avg customer	295						

WINTER

	BILLING UNITS	PRESENT RATES Rate	PRESENT RATES Revenue	RATES W/RATE DESIGN Rate	RATES W/RATE DESIGN Revenue	PROPOSED RATES Rate	PROPOSED RATES Revenue
CUSTOMER COUNT	588.6	$3.16	$1,860	$3.63	$2,137	$3.63	$2,137
KWH:							
All	191,540.0	$0.0759	$14,538	$0.0871	$16,683	$0.0871	$16,683
	191,540		$14,538		$16,683		$16,683
>							
REVENUE			$16,398		$18,820		$18,820
c/kwh			$0.0856		$0.0983		$0.0983
OVERALL CHANGE (%)					14.77%		14.77%
used to reference avg customer	325						

ANNUAL	278,429		$23,925	$27,459	$27,459
c/kwh			$0.0859	$0.0986	$0.0986
OVERALL CHANGE (%)				14.77%	14.77%
Winter Price Below Summer (SUM-WIN)/SUM			1.2%	1.1%	1.1%

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SUMMER TOTAL (ALL RATES)	508,043.0	$48,729	$55,931	$55,931
WINTER TOTAL (ALL RATES)	893,943.0	$75,687	$86,863	$86,863
GRAND TOTAL (ANNUAL - ALL RATES)	**1,401,986.0**	**$124,416**	**$142,794**	**$142,794**
c/kwh Summer		**$0.0959**	**$0.1101**	**$0.1101**
c/kwh Winter		**$0.0847**	**$0.0972**	**$0.0972**
c/kwh Annual		**$0.0887**	**$0.1019**	**$0.1019**
Winter Price Below Summer (SUM-WIN)/SUM		**11.7%**	**11.7%**	**11.7%**
OVERALL CHANGE (%)			**14.77%**	**14.77%**

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GMO-L&P UNMETERED STREET AND PRIVATE AREA LIGHTING
ER-2016-0156 Direct Filing

Div	%Change
L&P=	0.000%

Tariff Sheet	Tariff Description	RateID	MRU	Seq	kWh Unit	Description	Jurisdiction	2012 Monthly Price	2014 Monthly Price	New Monthly Price	Current Annual Price	New Annual Price	Increase %	Notes
41	Municipal Street Lighting	MOS22	S065	10	77	MUNICIPAL STREET LIGHT - MV - 175W	L&P	10.0900	10.83	10.83			0.00%	
		MOS22	S066	20	77	MUNICIPAL STREET LIGHT - MV 175W	L&P	5.2700	5.66	5.66			0.00%	
41	Municipal Street Lighting	MOS22	S067	30	106	MUNICIPAL STREET LIGHT - MV - 250W	L&P	11.9900	12.88	12.88			0.00%	
41	Municipal Street Lighting	MOS22	S068	40	170	MUNICIPAL STREET LIGHT - MV - 400W	L&P	18.1000	19.45	19.45			0.00%	
		MOS22	S069	50	410	MUNICIPAL STREET LIGHT - MV 1000W	L&P	48.2200	51.79	51.79			0.00%	
42	Municipal Street Lighting	MOS22	S084	60	106	MUNICIPAL STREET LIGHT - MV - 250W	L&P	9.1500	9.82	9.82			0.00%	
42	Municipal Street Lighting	MOS22	S085	70	170	MUNICIPAL STREET LIGHT - MV - 400W	L&P	14.3400	15.40	15.40			0.00%	
		MOS22	S086	80	54	MUNICIPAL STREET LIGHT - 150W INCADESCENT	L&P	4.2600	4.58	4.58			0.00%	
		MOS22	S087	90	576	MUNICIPAL STREET LIGHT - MV SPECIAL USE PAL	L&P	40.7200	43.73	43.73			0.00%	
		MOS24	S070	10	42	MUNICIPAL STREET LIGHT - HPS 100W	L&P	10.7600	11.55	11.55			0.00%	
		MOS24	S071	20	42	MUNICIPAL STREET LIGHT - HPS 100W	L&P	12.7700	13.71	13.71			0.00%	
41	Municipal Street Lighting	MOS24	S072	30	63	MUNICIPAL STREET LIGHT - HPS - 150W	L&P	11.4800	12.33	12.33			0.00%	
		MOS24	S073	40	73	MUNICIPAL STREET LIGHT - HPS 150W	L&P	6.9000	7.41	7.41			0.00%	
		MOS24	S074	50	73	MUNICIPAL STREET LIGHT HPS 150W	L&P	10.6500	11.44	11.44			0.00%	
		MOS24	S075	60	73	MUNICIPAL STREET LIGHT - HPS 150W	L&P	12.2100	13.11	13.11			0.00%	
		MOS24	S076	70	63	MUNICIPAL STREET LIGHT - HPS 150W DIR	L&P	13.4800	14.47	14.47			0.00%	
41	Municipal Street Lighting	MOS24	S077	80	116	MUNICIPAL STREET LIGHT - HPS - 250W	L&P	15.3000	16.43	16.43			0.00%	
		MOS24	S078	90	116	MUNICIPAL STREET LIGHT - HPS 250W	L&P	6.7400	7.25	7.25			0.00%	
		MOS24	S079	100	116	MUNICIPAL STREET LIGHT - HPS 250W	L&P	9.1900	9.87	9.87			0.00%	
		MOS24	S080	110	116	MUNICIPAL STREET LIGHT - HPS 250W DIR	L&P	22.6000	24.26	24.26			0.00%	
41	Municipal Street Lighting	MOS24	S081	120	180	MUNICIPAL STREET LIGHT - HPS - 400W	L&P	18.3700	19.73	19.73			0.00%	
		MOS24	S082	130	180	MUNICIPAL STREET LIGHT - HPS 400W DIR	L&P	24.4800	26.29	26.29			0.00%	
		MOS24	S083	140	410	MUNICIPAL STREET LIGHT - HPS 1000W DIR	L&P	52.2600	56.12	56.12			0.00%	
		MOS25	S103	10	180	MUNICIPAL STREET LIGHT - HPS 400W DIR	L&P	18.3700	19.73	19.73			0.00%	
		MOS25	S104	20	63	MUNICIPAL STREET LIGHT - HPS 150W STREET LT	L&P	8.2400	8.84	8.84			0.00%	
		MOS25	S114	30	63	MUNICIPAL STREET LIGHT - HPS 150W STREET LIGHT	L&P	13.4800	14.47	14.47			0.00%	
		MOS25	S115	40	63	MUNICIPAL STREET LIGHT - HPS 150W STREET LT	L&P	16.6800	17.92	17.92			0.00%	
		MOS26	S088	10	106	MISC STREET LIGHT - MV 250W PAL	L&P	11.9200	12.80	12.80			0.00%	
		MOS26	S089	20	170	MISC STREET LIGHT- MV 400W DIR	L&P	19.2000	20.62	20.62			0.00%	
		MOS26	S097	30	410	MISC STREET LIGHT - HPS 1000W PAL	L&P	37.4700	40.23	40.23			0.00%	
		MOS26	S101	40	25	MISC STREET LIGHT - TRAFFIC SIGNAL NON CONT	L&P	3.9200	4.21	4.21			0.00%	
		MOS26	S092	50	36	MISC STREET LIGHT - MV SPECIAL USE PAL	L&P	4.1300	4.44	4.44			0.00%	
		MOS26	S093	60	540	MISC STREET LIGHT - MV SPECIAL USE PAL	L&P	32.2800	34.67	34.67			0.00%	
		MOS26	S094	70	77	MISC STREET LIGHT - MV 175W PAL	L&P	10.0400	10.78	10.78			0.00%	
		MOS26	S095	80	42	MISC STREET LIGHT - HPS 100W PAL	L&P	15.9400	17.12	17.12			0.00%	
		MOS26	S096	90	180	MISC STREET LIGHT- HPS 400W PAL	L&P	15.3000	16.43	16.43			0.00%	
		MOS26	S090	100	410	MISC STREET LIGHT - MV 1000W DIR	L&P	37.4700	40.23	40.23			0.00%	
		MOS26	S099	110	100	MISC STREET LIGHT - 295W INCADESCENT	L&P	25.9400	27.86	27.86			0.00%	
		MOS26	S100	120	41	MISC STREET LIGHT - TRAFFIC SIGNAL NON CONT	L&P	2.8000	3.01	3.01			0.00%	
		MOS26	S091	130	25	MISC STREET LIGHT - MV SPECIAL USE PAL	L&P	3.9200	4.21	4.21			0.00%	
		MOS28	S120	10	380	CATV POWER SUPPLY	L&P	65.4300	70.27	70.27			0.00%	
41	Municipal Street Lighting	MOSJB	S107	10	0	30' STEEL POLE OH/UG	L&P	6.6400	7.14	7.14			0.00%	
		MOSJB	S109	20	0	14' DECORATIVE POLE UG	L&P	11.7700	12.64	12.64			0.00%	
		MOSJB	S116	30	0	SPECIAL CONTRACT POLE	L&P	20.7400	22.28	22.28			0.00%	
41	Municipal Street Lighting	MOSJB	S113	40	0	UNDERGROUND CIRCUIT, IN DIRT - PER FOOT	L&P	0.0518	0.0557	0.0557			0.00%	
		MOSJB	S200	50	0	TRNSFR CHRG/SPEC FACILITY	L&P	1	1.0000	1.0000			0.00%	
41	Municipal Street Lighting				0	10-ft Mast Arm	L&P	0.2419	0.2598	0.2598			0.00%	
43	**Street Lighting & Traffic Signals**		**NON-METERED STREET LIGHTING AND OTHER NIGHT LIGHTING FIXTURES ENERGY CHARGE**				**L&P**	**0.0588**	**0.0632**	**0.0632**			**0.00%**	**PER KWH RATE**
43	Street Lighting & Traffic Signals	MOS16	S030	10	100	MV 295W STREET LT	L&P	5.8800	6.32	6.32			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S031	20	77	MV 175W STREET LT	L&P	4.5300	4.87	4.87			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S032	30	106	MV 250W STREET LT	L&P	6.2300	6.70	6.70			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S033	40	170	MV 400W STREET LT	L&P	10.0000	10.74	10.74			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S039	50	410	HPS 1000W STREET LT	L&P	24.1100	25.91	25.91			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S035	60	42	HPS 100W STREET LT	L&P	2.4700	2.65	2.65			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S036	70	63	HPS 150W STREET LT	L&P	3.7000	3.98	3.98			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S037	80	116	HPS 250W STREET LT	L&P	6.8200	7.33	7.33			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S038	90	180	HPS 400W STREET LT	L&P	10.5800	11.38	11.38			0.00%	
43	Street Lighting & Traffic Signals	MOS16	S034	100	410	MV 1000W STREET LT	L&P	24.1100	25.91	25.91			0.00%	
44	**Street Lighting & Traffic Signals**		**NON-METERED TRAFFIC SIGNAL FIXTURES ENERGY CHARGE**				**L&P**	**0.0708**	**0.0760**	**0.0760**			**0.00%**	**PER KWH RATE, No CIS Entry**
44	Street Lighting & Traffic Signals	MOS18	S040	10	55	TRAFFIC SIGNALS NON CONTINUOUS	L&P	3.8900	4.18	4.18			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S041	20	64	TRAFFIC SIGNALS NON CONTINUOUS	L&P	4.5300	4.86	4.86			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S042	30	71	TRAFFIC SIGNALS NON CONTINUOUS	L&P	5.0300	5.40	5.40			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S043	40	91	TRAFFIC SIGNALS NON CONTINUOUS	L&P	6.4400	6.92	6.92			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S044	50	44	TRAFFIC SIGNALS NON CONTINUOUS	L&P	3.1200	3.34	3.34			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S045	60	15	TRAFFIC SIGNALS NON CONTINUOUS	L&P	1.0600	1.14	1.14			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S046	70	4	TRAFFIC SIGNALS NON CONTINUOUS	L&P	0.2800	0.30	0.30			0.00%	Current price was calculated by applying the % increase to the previous monthly
44	Street Lighting & Traffic Signals	MOS18	S047	80	2	TRAFFIC SIGNALS NON CONTINUOUS	L&P	0.1400	0.15	0.15			0.00%	Current price was calculated by applying the % increase to the previous monthly
44	Street Lighting & Traffic Signals	MOS18	S048	90	22	TRAFFIC SIGNALS NON CONTINUOUS	L&P	1.5600	1.67	1.67			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S049	100	34	TRAFFIC SIGNALS NON CONTINUOUS	L&P	2.4100	2.58	2.58			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S050	110	87	TRAFFIC SIGNALS NON CONTINUOUS	L&P	6.1600	6.61	6.61			0.00%	
44	Street Lighting & Traffic Signals	MOS18	S051	120	95	TRAFFIC SIGNALS NON CONTINUOUS	L&P	6.7300	7.22	7.22			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S056	10	77	TRAFFIC SIGNALS CONTINUOUS	L&P	5.4500	5.85	5.85			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S057	20	85	TRAFFIC SIGNALS CONTINUOUS	L&P	6.0200	6.46	6.46			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S058	30	110	TRAFFIC SIGNALS CONTINUOUS	L&P	7.7900	8.36	8.36			0.00%	

GMO-L&P UNMETERED STREET AND PRIVATE AREA LIGHTING
ER-2016-0156 Direct Filing

Div	%Change
L&P=	0.000%

Tariff Sheet	Tariff Description	RateID	MRU	Seq	kWh Unit	Description	Jurisdiction	2012 Monthly Price	2014 Monthly Price	New Monthly Price	Current Annual Price	New Annual Price	Increase %	Notes
44	Street Lighting & Traffic Signals	MOS20	S059	40	100	TRAFFIC SIGNALS CONTINUOUS	L&P	7.0800	7.60	7.60			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S060	50	66	TRAFFIC SIGNALS CONTINUOUS	L&P	4.6700	5.02	5.02			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S061	60	22	TRAFFIC SIGNALS CONTINUOUS	L&P	1.5600	1.67	1.67			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S062	70	33	TRAFFIC SIGNALS CONTINUOUS	L&P	2.3400	2.51	2.51			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S063	80	99	TRAFFIC SIGNALS CONTINUOUS	L&P	7.0100	7.52	7.52			0.00%	
44	Street Lighting & Traffic Signals	MOS20	S064	90	106	TRAFFIC SIGNALS CONTINUOUS	L&P	7.5000	8.06	8.06			0.00%	
47	Private Area Lighting	MOS32 / MOS33 (OLD MOS12)	S007	10	170	DIRECTIONAL FLOOD S007 - MV - 400W	L&P	24.3000	26.10	26.10			0.00%	
47	Private Area Lighting	MOS32 / MOS33 (OLD MOS12)	S008	20	410	DIRECTIONAL FLOOD S008 - MV - 1000W	L&P	48.2200	51.79	51.79			0.00%	
47	Private Area Lighting	MOS32 / MOS33 (OLD MOS12)	S009	30	63	DIRECTIONAL FLOOD S009 - HPS - 150W	L&P	13.4800	14.47	14.47			0.00%	
47	Private Area Lighting	MOS32 / MOS33 (OLD MOS12)	S010	40	180	DIRECTIONAL FLOOD S010 - HPS - 400W	L&P	24.4800	26.29	26.29			0.00%	
47	Private Area Lighting	MOS32 / MOS33 (OLD MOS12)	S011	50	410	DIRECTIONAL FLOOD S011 - HPS - 1000W	L&P	52.2600	56.12	56.12			0.00%	
47	Private Area Lighting	MOS32 / MOS33 (OLD MOS12)	S012	60	162	DIRECTIONAL FLOOD S012 - MH - 400W	L&P	25.9400	27.86	27.86			0.00%	
47	Private Area Lighting	MOS32 / MOS33 (OLD MOS12)	S013	70	380	DIRECTIONAL FLOOD S013 - MH - 1000W	L&P	48.2200	51.79	51.79			0.00%	
47	Private Area Lighting	MOS30 / MOS31 (OLD MOS10)	S001	10	77	PRIVATE AREA LIGHT S001 - MV - 175W	L&P	10.6600	11.45	11.45			0.00%	
47	Private Area Lighting	MOS30 / MOS31 (OLD MOS10)	S002	20	170	PRIVATE AREA LIGHT S002 - MV - 400W	L&P	21.5700	23.16	23.16			0.00%	
47	Private Area Lighting	MOS30 / MOS31 (OLD MOS10)	S003	30	63	PRIVATE AREA LIGHT S003 - HPS - 150W - STD	L&P	13.4800	14.47	14.47			0.00%	
47	Private Area Lighting	MOS30 / MOS31 (OLD MOS10)	S004	40	63	PRIVATE AREA LIGHT S004 - HPS - 150W - ROAD	L&P	16.2900	17.50	17.50			0.00%	
47	Private Area Lighting	MOS30 / MOS31 (OLD MOS10)	S005	50	116	PRIVATE AREA LIGHT S005 - HPS - 250W	L&P	18.1800	19.52	19.52			0.00%	
47	Private Area Lighting	MOS30 / MOS31 (OLD MOS10)	S006	60	180	PRIVATE AREA LIGHT S006 - HPS - 400W	L&P	20.8100	22.35	22.35			0.00%	
		MOS30 / MOS31 (OLD MOS10)	S024	70		PRIVATE AREA LIGHT S024 - HPS 400W PAL RDWY	L&P	18.3700	19.73	19.73			0.00%	
47	Private Area Lighting	MOS34 / MOS35 (OLD MOS14)	S014	10	410	SPECIAL FIXTURE STYLE - HPS - 1000W - HIGHMAST	L&P	63.9600	68.68	68.68			0.00%	
47	Private Area Lighting	MOS34 / MOS35 (OLD MOS14)	S015	20	380	SPECIAL FIXTURE STYLE - MH - 1000W - SHOE	L&P	57.6400	61.90	61.90			0.00%	
47	Private Area Lighting	MOS34 / MOS35 (OLD MOS14)	S016	30	410	SPECIAL FIXTURE STYLE - HPS - 1000W - SHOE	L&P	62.5900	67.21	67.21			0.00%	
47	Private Area Lighting	MOS34 / MOS35 (OLD MOS14)	S017	40	180	SPECIAL FIXTURE STYLE - HPS - 400W - SHOE	L&P	35.8600	38.51	38.51			0.00%	
48	Private Area Lighting	MOS34 / MOS35 (OLD MOS14)	S018	50	63	SPECIAL LUMINAIRES - HPS - 150W - LANTERN	L&P	24.0400	25.81	25.81			0.00%	
48	Private Area Lighting	MOS34 / MOS35 (OLD MOS14)	S019	60	63	SPECIAL LUMINAIRES - HPS - 150W - ACORN	L&P	19.6200	21.07	21.07			0.00%	
48	Private Area Lighting	MOS34 / MOS35 (OLD MOS14)	S020	70	180	SPECIAL LUMINAIRES - HPS - 150W - BOX	L&P	40.8300	43.85	43.85			0.00%	
		MOS34 / MOS35 (OLD MOS14)	S021	80		PAL SPECIAL CONTRACT	L&P	8.2400	8.84	8.84			0.00%	
		MOS34 / MOS35 (OLD MOS14)	S022	90		PAL SPECIAL CONTRACT	L&P	16.6800	17.92	17.92			0.00%	
		MOS34 / MOS35 (OLD MOS14)	S023	100		PAL SPECIAL CONTRACT	L&P	18.3700	19.73	19.73			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S105	10	0	35' WOOD POLE OH	L&P	3.7800	4.06	4.06			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S106	20	0	35' WOOD POLE UG	L&P	9.1900	9.87	9.87			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S107	30	0	30' STEEL POLE OH/UG	L&P	27.7800	29.84	29.84			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S108	40	0	39' GALV POLE OH/UG	L&P	43.7900	47.03	47.03			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S109	50	0	14' DECORATIVE POLE UG	L&P	44.9400	48.26	48.26			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S110	60	0	39' BRNZ ROUND POLE OH/UG	L&P	48.7900	52.40	52.40			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S111	70	0	39' BRNZ SQUARE POLE OH/UG	L&P	63.6900	68.40	68.40			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S112	80	0	60' STEEL POLE UG	L&P	87.9800	94.49	94.49			0.00%	
48	Private Area Lighting	MOSJR / MOSJC (OLD MOSJA)	S113	90	0	ADDL UG SECONDARY - FOOTAGE (per 50 feet)	L&P	1.1432	1.2277	1.23			0.00%	CIS rate based on New Monthly price divided by 50
		MOSJR / MOSJC (OLD MOSJA)	S200	100	0	TRNSFR CHRG/SPEC FACILITY	L&P	1	1.0000	1.0000			0.00%	

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