

VOLUNTARY LOAD REDUCTION RIDER (Continued)  
ELECTRICCONDITIONS (Continued)

5. Special Provisions for MPOWER Customers: At its discretion, the Company may request that Customers served on the MPOWER Rider also participate in Voluntary Load Reduction at any time during the year. A separate Contract for service on the Voluntary Load Reduction (VLR) Rider is not required for these customers. Such customers will be subject to the provisions of the VLR Rider except as specifically provided in this paragraph. If a MPOWER Rider occurs during the same period as a Voluntary Load Reduction, the amount of kWh to which the Voluntary Load Reduction credit will be applied shall be calculated by subtracting the Customer's actual load in each hour from the Firm Power Level (as defined in the MPOWER rider), setting the negative differences to zero, and summing these differences across all load reduction hours. If a MPOWER Rider does not occur during the same period as a Voluntary Load Reduction, the amount of kWh to which the Voluntary Load Reduction credit will be applied shall be calculated by subtracting the Customer's actual load in each hour from ninety (90) percent of the Estimated Peak Load (as defined in the MPOWER rider), and summing these differences across all load reduction hours in each calendar day. This sum of the net kWh values then will be multiplied by the credit value per kWh to derive the total bill credit for each day on which the Customer has responded affirmatively to the Company's load reduction request. If the sum of the net kWh values is negative for any calendar day, no credit shall be applied to the bill for that day.
6. Company Equipment: The Customer shall allow the Company to install and maintain the appropriate metering equipment necessary to ensure compliance under the Rider. Such equipment shall be owned and installed by the Company at no cost to the Customer. The Company may provide Customer with access to software for real-time meter information for \$102.35 per month. The Customer will provide a personal computer, telephone line, modem, and other items or personnel necessary to make use of the software.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_

Original Sheet No. 97.1  
Sheet No. \_\_\_\_\_

**Aquila, Inc., dba**  
**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO 64106**

For Territory Formerly Served by  
Aquila Networks - L&P and Aquila Networks - MPS

VOLUNTARY LOAD REDUCTION RIDER (Continued)  
ELECTRIC

**FORM OF CONTRACT**

This Agreement, made this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by and between  
Aquila Networks, a division of Aquila, Inc., hereinafter referred to as the "Company", and

Customer name

Customer Account #

Address

Customer Contact      Electronic Mail      Telephone      Fax Telephone

Customer Contact (Alt.)      Electronic Mail      Telephone      Fax Telephone

hereinafter referred to as the "Customer".

WITNESSETH:

Whereas, the Company has on file with the Public Service Commission of the State of Missouri (Commission) a certain Voluntary Load Reduction Rider Schedule VLR (Rider), and;

Whereas, the Company has determined that the Customer meets the Availability provisions of the Rider, and;

Whereas, the Customer wishes to take electric service from the Company, and the Company agrees to furnish electric service to the Customer under this Rider and pursuant to all other applicable tariffs of the Company, and;

October 11, 2008

Issued: August 11, 2008  
Issued by: Chris Giles, Regulatory Affairs

Effective: ~~September 10, 2008~~

**Aquila, Inc., dba**

**AQUILA NETWORKS** For All Territory Served by Aquila Networks – L&P and Aquila Networks – MPS  
**KANSAS CITY, MO 64138**

VOLUNTARY LOAD REDUCTION RIDER (Continued)  
ELECTRIC

**FORM OF CONTRACT (Continued)**

The Company and Customer agree as follows:

1. Electric Service to the Customer’s Facilities shall be pursuant to the Voluntary Load Reduction Rider, all other applicable tariffs, and the Company’s General Rules and Regulations Applying to Electric Service, as may be in effect from time to time and filed with the Commission.
2. Contracts under this Rider shall extend from the date the contract is signed until the immediate following September 30 after the date the Customer signs the contract and shall be automatically renewed in one (1) year increments thereafter unless terminated in writing by one party to the other six (6) months in advance of the next September 30. Customer acknowledges that any equipment required, except metering equipment necessary to ensure compliance under the Rider, shall be the obligation of the Customer.
3. Participation in Load Reduction in response to any specific request is voluntary for the Customer. After each individual Load Reduction request directed specifically to the Customer, the Company must be notified in writing (including, but not limited to, fax or electronic mail), within two hours of the time of the Company’s request, if the Customer desires to participate in that requested Load Reduction. Eligibility for a billing credit under this Rider shall be based upon the Company receiving such written notice on a timely basis.
4. Customer further acknowledges that this Agreement is not assignable voluntarily by the Customer, but shall nevertheless inure to the benefit of and be binding upon the Customer’s successors by operation of law.
5. This Agreement shall be governed in all respects by the laws of the State of Missouri (regardless of conflict of laws provisions), and by the orders, rules and regulations of the Commission as they may exist from time to time. Nothing contained herein shall be construed as divesting, or attempting to divest, the Commission of any rights, jurisdiction, power or authority vested in it by law.

In witness whereof, the parties have signed this Agreement as of the date first written above.

Aquila Networks  
a division of  
Aquila, Inc.

\_\_\_\_\_  
Customer

By \_\_\_\_\_

By \_\_\_\_\_

CURTAILABLE DEMAND RIDER ELECTRIC
--------------------------------------

**APPLICATION**

This rider is available to regular full-time Customers, with a demonstrated capability of curtailing two hundred (200) kW or greater of the Customer's "on-peak" demand served by the Company.

Customers must sign a curtailable contract and meet all special conditions listed below.

This rider shall not apply if a service curtailment results from system emergency operating conditions.

The Company reserves the right to limit the total curtailable load scheduled under this rider.

**CURTAILMENT PERIOD (ON-PEAK)**

The curtailment period shall be the four (4) summer months starting on June 1 and ending on September 30 of each year. When in effect, the curtailment period shall be up to eight (8) hours in duration and normally occur between 12:00 noon to 10:00 p.m. local standard or daylight savings time, as the case may be, for each weekday of the curtailment period, excluding holidays. For purposes of this rider, holidays shall mean Independence Day, Labor Day, or days celebrated as such on a Missouri statewide basis.

**MONTHLY RATE**

Credit on demand reduction \$2.64 per contracted kW per month

**MULTI-YEAR CONTRACT SIGNING BONUS**

Those Customers electing to contract for this rider for three (3) years shall receive a contract-signing bonus of \$4.31 per kW of contracted demand reduction, payable during the June billing month of each year the contract is in effect.

Those Customers electing to contract for this rider for five (5) years shall receive a contract-signing bonus of \$8.59 per kW of contracted demand reduction, payable during the June billing month of each year the contract is in effect.

If for any reason, the Customer is unable to fulfill the requirements of the multi-year requirement, any signing bonus will be refunded in its entirety to the Company.

**BILLING**

The Customer will be billed under the regular applicable service schedule.

**DEMAND REDUCTION**

The Customer's actual demand reduction shall be defined as the difference between the Customer's highest monthly actual "on-peak" demand and the Customer's maximum demand during the interruption periods for that month.

**CURTAILABLE DEMAND RIDER (Continued)  
ELECTRIC****CREDIT**

The Customer shall receive a monthly bill credit for each month of the contract year in which the Customer qualifies. The amount of this credit will be equal to the contracted demand reduction times \$2.64.

**CREDIT QUALIFICATION**

The Customer will be entitled to above credit, if the Customer's actual demand reduction for all reduction periods during the current billing month of the contract year is equal to or greater than the contracted reduction amount. If the Customer fails to reduce demand by the contracted amount, in any requested reduction in any given month, then the Customer is disqualified from receiving credit for that month and assessed a penalty of \$32.04 per kW for all contracted demand reduction quantity. To allow both the Company and Customer to gain experience, the charges for failure to reduce demand by the contracted amount during the first year of the first agreement with a customer shall not exceed the credits for the contract year.

The Customer shall receive the appropriate monthly credit even if the Company does not request a reduction in any given billing period.

**SPECIAL CONDITIONS OF SERVICE**

1. This rider requires the Customer and Company to enter into a one (1) year, three (3) year, or five (5) year-at the option of the Customer-service contract that specifies the amount of demand contracted for reduction by the Customer. The contracted demand reduction shall not be less than two hundred (200) kW.
2. The contract year will run from June 1 to May 31 of the following year. The Company will notify the Customer before January 1 prior to the contract year of the amount of demand reduction available. The amount of demand reduction available to all Customers will be limited. The Customer shall sign and return the reduction contract by January 31 prior to the contract year.
3. The Customer will not be required to reduce demand more than twenty (20) times in any contract year. The maximum duration of any reduction shall be eight (8) consecutive hours.
4. Company reserves the right to cancel a scheduled curtailment within one (1) hour of start time, but if the cancellation occurs less than one (1) hour before scheduled start time, the cancelled curtailment shall be counted as a separate occurrence of curtailment as if the curtailment had proceeded as scheduled.
5. The Company reserves the right to assure itself that any contracted level of load subject to reduction has a reasonable probability of being on the Company's system during peak load periods and can be readily reduced.

**Aquila, Inc., dba**

**AQUILA NETWORKS** For All Territory Served by Aquila Networks – L&P and Aquila Networks – MPS  
**KANSAS CITY, MO 64138**

CURTAILABLE DEMAND RIDER (Continued) ELECTRIC
--

SPECIAL CONDITIONS OF SERVICE (Continued)

6. Company reserves the right to implement one test curtailment each summer curtailment season, with all applicable curtailment credit payments and penalty provisions in effect.
7. The Customer will be responsible for monitoring the load prior to curtailment and during curtailment in order to comply with the terms of the contract.
8. The Company will give the Customer a minimum of four (4) hours notice prior to a demand reduction.
9. Except as provided herein, all terms and provisions of the applicable service schedule will be in full force and effect.
10. Credits shall be applied to bills the month after such credits are earned.
11. Penalties shall be applied to bills the month after such penalties are assessed.
12. The Company shall have no liability to the Customer or to any other person, firm, or corporation for any loss, damage, or injury by reason of any reduction as provided herein.
13. The Company "Tax and License Rider" is applicable to all charges or penalties assessed under this Rider.

COGENERATION PURCHASE SCHEDULE ELECTRIC
--

AVAILABILITY

This schedule is available to customers located within the Company's service territory and located on or adjacent to Company's secondary service lines and having cogeneration units of one hundred (100) kW or less. This service is not available to resale electric customers.

APPLICABLE

This schedule is applicable to Company electrical energy purchases from cogeneration customers of one hundred (100) kW or less that have been approved by Company and where a contract has been executed between Company and such cogeneration customers. Customer's cogeneration unit shall carry the same ratio of reactive to real power as is carried by Company's facilities at the customer's location and as determined by Company's measurements.

CHARACTER OF SERVICE

Alternating current, 60 cycles, sinusoidal waveform, and at the standard voltage and phase available at the location of the cogeneration unit.

CHARGES TO COGENERATION CUSTOMER, MO700

Cogeneration customers to whom this schedule is applicable shall pay Company a monthly charge of \$4.50 to pay for additional customer related costs of Company.

CHARGES TO COMPANY

- 1) Minimum - There shall be no monthly minimum charge for purchases made by Company.
- 2) Rate - Purchases shall be made by Company from a cogeneration customer at the rate of \$0.027 per kWh.

RULES AND REGULATIONS

Customer's system and cogeneration facilities shall be subject to any applicable Rules and Regulations of Company or of the Missouri Public Service Commission or any other authority having jurisdiction. Conditions of service shall be in accordance with Company's standard filed contract plus any applicable conditions for special circumstances. Conditions of service and contract modifications for special circumstances can provide greater flexibility in both the customer's and Company's operations.

SPECIAL ISOLATED GENERATING PLANT SERVICE ELECTRIC
---

AVAILABILITY

This schedule is available for any type service to isolated generating plants constructed or operating by a retail customer. Any such customer with an isolated generating plant that partially or completely fails who accepts service from Company for any period of time will be billed under this schedule for a minimum period of twenty (20) years. All customers receiving service under this schedule shall sign a contract covering the amount of special capacity to be furnished prior to Company purchasing or installing any of the necessary facilities. The maximum amount of capacity to be made available to any such customer under this rate schedule will be the amount that exists in the Company's system that can be provided without affecting service to other customers at the time or in the future.

Any customer who constructs an isolated generating plant, after such construction is completed, may receive under this schedule capacity and energy for sixty (60) days provided such party agrees to the operating procedures established by Company. If, after such sixty (60) day period, such customer continues to receive service, it will automatically be billed under this schedule for a minimum of twenty (20) years.

APPLICABLE

This service is not available for peaking, seasonal use, for resale or parallel operation. Construction of any isolated generating plant shall be deemed completed when the customer first uses such plant to carry all or part of its load. The terms of this schedule do not apply to customers receiving full service from Company who have a small emergency plant for use when Company's service is interrupted and such plant is approved by Company.

CHARACTER OF SERVICE

Service is to be 60 cycles, three-phase at the available primary voltage. The nominal voltage level of primary voltage will be established by Company.

MONTHLY BILLING

Billing under this schedule will consist of:

- (1) capacity charge;
- (2) excess capacity charge;
- (3) energy charge;
- (4) Fuel Adjustment Clause;
- (5) local facilities charge;
- (6) reactive demand adjustment; and
- (7) any applicable taxes and franchise payment.
- (8) Renewable Energy Standard Rate Adjustment Mechanism Rider

CAPACITY CHARGE

The capacity charge shall be \$8.49 per kW per month times the capacity reserved by the customer but not less than \$8461.72 per month. If any service is furnished prior to the execution of the contract by the customer, it will be billed on the amount of his total connected load.

December 1, 2014

Issued: November 6, 2014  
 Issued by: Darrin R. Ives, Vice President

Effective: ~~December 6, 2014~~

FILED  
 Missouri Public  
 Service Commission  
 EO-2014-0151; YE-2015-0204

SPECIAL ISOLATED GENERATING PLANT SERVICE (continued) ELECTRIC
---

EXCESS CAPACITY CHARGE

All capacity delivered to the customer in excess of the contracted amount will be billed at \$10.87 per kW per month. Such a charge will continue the next eleven (11) months following the month in which the demand is established unless a new higher excess demand is established in which case such higher demand will be used for billing purposes and will also continue for the following eleven (11) consecutive months.

ENERGY CHARGE

All kWh used at \$0.0602 per kWh.

FUEL ADJUSTMENT CLAUSE

The Company "Fuel Adjustment Clause" is applicable to all charges under this schedule.

LOCAL FACILITIES CHARGE

The monthly charge for local facilities will be computed by multiplying twenty-percent (20%) times such investment estimated by Company divided by twelve (12).

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the charge for the amount of capacity contracted for or the connected load capacity, plus any excess capacity charge and local facilities charge, but in no event shall it be less than \$8461.72.

REACTIVE DEMAND ADJUSTMENT

Company shall determine customer's maximum reactive demand in kVar. Each month a charge or credit of \$0.40 shall be made for each kVar by which the maximum reactive demand is respectively, greater or less than fifty-percent (50%) of customer's maximum kW demand for that month, provided, however, that the number of kVar for which credit is given shall not be more than fifty-percent (50%) of the customer's maximum kW demand in that month.

The reactive demand adjustment will be based on the ratio of the customer's maximum monthly fifteen (15) minute reactive demand in kVar to the customer's maximum kW demand in that month.

TAX AND FRANCHISE PAYMENTS

The Company "Tax and License Rider" is applicable to all charges under this schedule.

RENEWABLE ENERGY CHARGE

The Company "Renewable Energy Standard Rate Adjustment Mechanism Rider" is applicable to all charges under this schedule.

December 1, 2014

**Aquila, Inc., dba****AQUILA NETWORKS** For All Territory Served by Aquila Networks – L&P and Aquila Networks – MPS  
**KANSAS CITY, MO 64138****MUNICIPAL UNDERGROUND COST RECOVERY RIDER  
ELECTRIC**APPLICABILITY

If any Municipality or other governmental subdivision (hereinafter referred to as the "Municipality"), by law, ordinance or regulation requires the Company to construct lines and appurtenances or other facilities designed for any Distribution or Transmission voltages (hereinafter referred to as "facilities") underground for any new or existing facilities in the Municipality when the Company, absent from such ordinance or regulation, would construct or continue to maintain the facilities overhead, and where the recovery of the additional cost for such underground is not otherwise provided for in the Company's General Rules and Regulations Applying to Electric Service, the cost of the additional investment required by the Company to construct the facilities underground shall be assessed against the Municipality.

Before the Company starts placing any facilities underground pursuant to this Rider, the Municipality shall provide adequate assurance to the Company that the Municipality's obligations to pay for such facilities are valid, lawful and enforceable against the Municipality.

INVESTMENT RECOVERY

The following shall be used in determining and recovering the additional investment from each Municipality.

1. The Company shall estimate the installed cost of the underground facilities and the installed cost of equivalent overhead facilities and shall provide these estimates to the Municipality to aid the Municipality in determining whether to proceed with the undergrounding of the facilities.
2. Where underground facilities will not replace existing overhead facilities, any actual cost of installing underground facilities in excess of the estimated cost of installing overhead facilities, plus the cost of estimating the installed cost of both facilities, shall be the additional investment.
3. Where underground facilities will replace existing overhead facilities the actual installation cost of underground facilities, plus all costs associated with the retirement of the existing overhead facilities, plus the costs of estimating the underground facilities and retirement of the existing facilities, shall be the additional investment. The costs associated with retirement of the facilities shall include all costs associated with removal, as well as the original cost of such facilities, less accrued depreciation and salvage value.
4. The length of the recovery of this additional investment will be seven years or such term as agreed by the Municipality and the Company from the date of installation of each underground project. For recovery periods greater than ten years, the Company must file for Commission approval.

**Aquila, Inc., dba****AQUILA NETWORKS** For All Territory Served by Aquila Networks – L&P and Aquila Networks – MPS  
**KANSAS CITY, MO 64138**MUNICIPAL UNDERGROUND COST RECOVERY RIDER (Continued)  
ELECTRICINVESTMENT RECOVERY (Continued)

5. Monthly charges under this Rider shall be calculated by multiplying the additional investment by the Company's monthly fixed charge rate in effect as of the date the first monthly charge for that additional investment was billed. The monthly fixed charge rate shall include a component for equity return, debt return, depreciation, taxes, property taxes, and insurance. Monthly charges shall be shown as a separate line item on the monthly electric bill of the Municipality. If the Municipality does not take electric service from the Company, the Company shall render monthly bills for the charges to the Municipality.

The fixed charge shall be determined as follows: 
$$FC = PVRR \times \left[ \frac{i}{1 - (1 + i)^{-N}} \right] \div 12$$

Where: FC = Levelized fixed charge

$$PVRR = \sum_{T=1}^N \text{Revenue Requirement}_T \left( \frac{1}{1 + i} \right)^T$$

i = Composite Return (overall after-tax rate of return)

N = Number of years

T = Year

Revenue Requirement<sub>T</sub> = Dbt + Pfd + Eq + Dpr + Tax + PropTax + Ins

Dbt = Return on Debt

Pfd = Return on Preferred

Eq = Return on Common Equity

Dpr = Return of investment, depreciation

Tax = Current & Deferred Income Taxes

PropTax = Property Taxes

Ins = Insurance

6. The monthly charge will appear on bills rendered to the Municipality 30 days after placing in service the first facilities for each project that are subject to that Municipality's ordinance or regulation in service. The monthly charge may reflect the total estimated costs of undergrounding until the final actual costs of the additional facilities are known. The monthly charge shall be adjusted to reconcile the estimated costs to the actual costs. The amount of the monthly charge shall be reviewed and adjusted at least once annually or more often at the discretion of the Company to reflect the cost of additional facilities installed underground.

**Aquila, Inc., dba****AQUILA NETWORKS** For All Territory Served by Aquila Networks – L&P and Aquila Networks – MPS  
**KANSAS CITY, MO 64138**

MUNICIPAL UNDERGROUND COST RECOVERY RIDER (Continued)  
ELECTRIC

INVESTMENT RECOVERY (Continued)

7. All costs of the Company referenced in this Rider shall include applicable material and loaded labor costs, including allocation of indirect costs, plus legal, condemnation and private easement costs, whether public right-of-way is available or not. Indirect costs are comprised of, but not limited to, supervision, engineering, transportation, material handling, taxes, insurance and administrative cost functions that support actual construction and retirement. The amount of the allocation of indirect costs is derived by application of unit costs or allocation percentages, determined from historical experience. A copy of the Company's estimate of the cost of construction including direct and indirect costs shall be furnished to the Customer upon request prior to construction.
8. If the Municipality repeals or rescinds its requirements concerning underground facilities subject to this Rider, the monthly charges shall continue until all costs incurred pursuant to ordinance or regulation have been paid.
9. Failure by the Municipality to pay the monthly charges shall be grounds for disconnection of service to such Customer in accordance with the Company's General Rules and Regulations Applying to Electric Service.

**Aquila, Inc., dba****AQUILA NETWORKS** For All Territory Served by Aquila Networks – L&P and Aquila Networks – MPS  
**KANSAS CITY, MO 64138**

TAX AND LICENSE RIDER ELECTRIC
-----------------------------------

APPLICABLE

This rider is applicable to all Company's electric rate schedules, except it shall not be applicable to revenues for service to the following revenue classifications unless specifically required by governmental authorities having jurisdiction:

1. Municipal
2. Other Public Authorities
3. Interdepartmental
4. Industrial

All gross receipts taxes, franchise taxes, franchise payments, occupational taxes, license taxes and taxes of a similar nature imposed by a city, town, village, or other local governmental agency shall be included as a separate item in the charges for electric service, furnished under all schedules, rendered to and for persons located within the limits of the city, town, village, or other local governmental agency's territory imposing such tax. This applies to taxes and other payments based on receipts, revenue, or income; or on taxes consisting of a stated amount in dollars and cents. A pro rata portion of such tax shall be included as a separate item in the customer's statement for service rendered and shall be calculated by applying thereto a percentage factor equivalent to the ratio of such tax to receipts or revenues on which tax may be applied for the same period.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 109  
Canceling P.S.C. MO. No. 1                      Original Sheet No. 109

**Aquila, Inc., dba**

**AQUILA NETWORKS** For All Territory Served by Aquila Networks – L&P and Aquila Networks – MPS

**KANSAS CITY, MO 64138**

ELECTRIC

Reserved for future use.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 5<sup>th</sup> Revised Sheet No. 110  
Canceling P.S.C. MO. No. 1 4<sup>th</sup> Revised Sheet No. 110

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER  
ELECTRIC

DEFINITIONS:

- A. Avoided fuel cost means avoided costs described in 4 CSR 240-20.060 used to calculate the Company's cogeneration rate filed in compliance with 4 CSR 240-3.155. The information used to calculate this rate is provided to the commission biennially and maintained for public inspection.
- B. Commission means the Public Service Commission of the State of Missouri.
- C. Customer-Generator means the owner or operator of a qualified electric energy generation unit which:
- (1) Is powered by a renewable energy resource;
  - (2) Is an electrical generating system with a capacity of not more than one hundred kilowatts (100 kW);
  - (3) Is located on premises that are owned, operated, leased, or otherwise controlled by the Customer-Generator;
  - (4) Is interconnected and operates in parallel phase and synchronization with the Company and has been approved for interconnection by said Company;
  - (5) Is intended primarily to offset part or all of the Customer-Generator's own electrical energy requirements;
  - (6) Meets all applicable safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, the Federal Energy Regulatory Commission, and any local governing authorities; and
  - (7) Contains a mechanism that automatically disables the unit and interrupts the flow of electricity onto the Company's electrical lines whenever the flow of electricity to the Customer-Generator is interrupted.
  - (8) For purposes of qualified electric energy generation systems powered by solar energy, Customer-Generator also includes a customer with solar generating equipment that is owned or operated by a third party, located on the Customer's premises pursuant to an equipment lease, services agreement or other similar arrangement with such third party, and otherwise meets the requirements set forth in sections (1) – (7) above.
- D. Distribution system means facilities for the distribution of electric energy to the ultimate consumer thereof.
- E. Company or Supplier means KCP&L Greater Missouri Operations Company.
- F. Net metering means using metering equipment sufficient to measure the difference between the electrical energy supplied to a Customer-Generator by the Company and the electrical energy supplied by the Customer-Generator to the Company over the applicable billing period.
- G. REC means Renewable Energy Credit or Renewable Energy Certificate which is tradable, and represents that one (1) megawatt-hour of electricity has been generated from a renewable energy resource.

November 18, 2013

Issued: November 8, 2013  
Issued by: Darrin R. Ives, Vice President

Effective: ~~December 8, 2013~~

Filed  
Missouri Public  
Service Commission  
ET-2014-0028; YE-2014-0214

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&amp;P and MPS

NET METERING RIDER (continued)  
ELECTRICDEFINITIONS (continued):

- H. Renewable energy resources means electrical energy produced from wind, solar thermal sources, hydroelectric sources, photovoltaic cells and panels, fuel cells using hydrogen produced by one (1) of the above-named electrical energy sources, and other sources of energy that become available after August 28, 2007, and are certified as renewable by the Missouri Department of Natural Resources.
- I. Staff means the staff of the Public Service Commission of the state of Missouri.

APPLICABILITY:

Applicable to Customer-Generators with a Company approved interconnection agreement. This schedule is not applicable where the Customer's electrical generating system exceeds 100 kW.

REC OWNERSHIP:

RECs created through the generation of electricity by the Customer-Owner are owned by the Customer-Generator unless the Customer-Generator receives a solar rebate from the Company. For rebates paid on and after August 28, 2013 and as a condition of receiving a rebate, customers shall transfer to the electric utility all rights, title, and interest in and to the renewable energy credits associated with the new or expanded solar electric system that qualified the customer for the solar rebate for a period of ten years from the date the electric utility confirmed that the solar electric system was installed and operational.

COMPANY OBLIGATIONS:

- A. Net metering shall be available to Customer-Generators on a first-come, first-served basis until the total rated generating capacity of net metering systems equals five percent (5%) of the Company's Missouri jurisdictional single-hour peak load during the previous year. The Commission may increase the total rated generating capacity of net metering systems to an amount above five percent (5%). However, in a given calendar year, the Company shall not be required to approve any application for interconnection if the total rated generating capacity of all applications for interconnection already approved to date by the Company in said calendar year equals or exceeds one percent (1%) of the Company's single-hour peak load for the previous calendar year.
- B. A tariff or contract shall be offered that is identical in electrical energy rates, rate structure, and monthly charges to the contract or tariff that the Customer would be assigned if the Customer were not an eligible Customer-Generator but shall not charge the Customer-Generator any additional standby, capacity, interconnection, or other fee or charge that would not otherwise be charged if the Customer were not an eligible Customer-Generator.

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

<p>NET METERING RIDER (Continued)  ELECTRIC</p>
---

COMPANY OBLIGATIONS (continued):

- C. The availability of the net metering program shall be disclosed annually to each Customer with the method and manner of disclosure being at the discretion of the Company.
- D. For any cause of action relating to any damages to property or person caused by the generation unit of a Customer-Generator or the interconnection thereof, the Company shall have no liability absent clear and convincing evidence of fault on the part of the Company.
- E. Any costs incurred under this tariff by the Company not recovered directly from the Customer-Generator, as identified in the Qualified Electric Customer-Generator Obligations section shall be recoverable in the Company's rate structure.
- F. No fee, charge, or other requirement not specifically identified in this tariff shall be imposed unless the fee, charge, or other requirement would apply to similarly situated Customers who are not Customer-Generators.

CUSTOMER-GENERATOR LIABILITY INSURANCE OBLIGATIONS:

- A. Customer-Generator systems greater than ten kilowatts (10 kW) shall carry no less than one hundred thousand dollars (\$100,000) of liability insurance that provides for coverage of all risk of liability for personal injuries (including death) and damage to property arising out of or caused by the operation of the net metering unit. Insurance may be in the form of an existing policy or an endorsement on an existing policy.
- B. Customer-Generator systems ten kilowatts (10 kW) or less shall not be required to carry liability insurance; however, absent clear and convincing evidence of fault on the part of the Company, the Company cannot be held liable for any action or cause of action relating to any damages to property or persons caused by the generation unit of a Customer-Generator or the interconnection thereof pursuant to section 386.890.11., RSMo. Further, Customer-Generators may have legal liabilities not covered under their existing insurance policy in the event the Customer-Generator's negligence or other wrongful conduct causes personal injury (including death), damage to property, or other actions and claims.

November 18, 2013

Issued: November 8, 2013  
Issued by: Darrin R. Ives, Vice President

Effective: ~~December 8, 2013~~

Filed  
Missouri Public  
Service Commission  
ET-2014-0028; YE-2014-0214

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued) ELECTRIC
--

QUALIFIED ELECTRIC CUSTOMER-GENERATOR OBLIGATIONS:

- A. Each qualified electric energy generation unit used by a Customer-Generator shall meet all applicable safety, performance, interconnection, and reliability standards established by any local code authorities, the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers (IEEE), and Underwriters Laboratories (UL) for distributed generation; including, but not limited to, IEEE 1547 and UL 1741.
- B. The Company requires that a Customer-Generator's system contain a switch, circuit breaker, fuse, or other easily accessible device or feature located in immediate proximity to the Customer-Generator's metering equipment that would allow a Company worker the ability to manually and instantly disconnect the unit from the Company's distribution system.
- C. No Customer-Generator shall connect or operate an electric generation unit in parallel phase and synchronization with the Company without written approval by the Company that all of the requirements under paragraph C of the Interconnection Agreement section of this tariff have been met. For a Customer-Generator who violates this provision, the Company may immediately and without notice disconnect the electric facilities of said Customer-Generator and terminate said Customer-Generator's electric service.
- D. A Customer-Generator's facility shall be equipped with sufficient metering equipment that can measure the net amount of electrical energy produced and consumed by the Customer-Generator. If the Customer-Generator's existing meter equipment does not meet these requirements or if it is necessary for the Company to install additional distribution equipment to accommodate the Customer-Generator's facility, the Customer-Generator shall reimburse the Company for the costs to purchase and install the necessary additional equipment. At the request of the Customer-Generator, such costs may be initially paid for by the Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing cycles. Any subsequent meter testing, maintenance, or meter equipment change necessitated by the Customer-Generator shall be paid for by the Customer-Generator.
- E. Each Customer-Generator shall, at least once every year, conduct a test to confirm that the net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero (0)) within two (2) seconds of being disconnected from the Company's system. Disconnecting the net metering unit from the Company's electric system at the visible disconnect switch and measuring the time required for the unit to cease to energize the output shall satisfy this test.
- F. The Customer-Generator shall maintain a record of the results of these tests and, upon request, shall provide a copy of the test results to the Company.
  - (1) If the Customer-Generator is unable to provide a copy of the test results upon request, the Company shall notify the Customer-Generator by mail that the Customer-Generator has thirty (30) days from the date the Customer-Generator receives the request to provide the results of a test to the Company.

November 18, 2013

Issued: November 8, 2013  
 Issued by: Darrin R. Ives, Vice President

Effective: ~~December 8, 2013~~

Filed

Missouri Public  
 Service Commission

ET-2014-0028; YE-2014-0214

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 5<sup>th</sup> Revised Sheet No. 113  
Canceling P.S.C. MO. No. 1 4<sup>th</sup> Revised Sheet No. 113

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

QUALIFIED ELECTRIC CUSTOMER-GENERATOR OBLIGATIONS (continued):

- (2) If the Customer-Generator's equipment ever fails this test, the Customer-Generator shall immediately disconnect the net metering unit.
- (3) If the Customer-Generator does not provide the results of a test to the Company within thirty (30) days of receiving a request from the Company or the results of the test provided to the Company show that the unit is not functioning correctly, the Company may immediately disconnect the net metering unit.
- (4) The net metering unit shall not be reconnected to the Company's electrical system by the Customer-Generator until the net metering unit is repaired and operating in a normal and safe manner.

DETERMINATION OF NET ELECTRICAL ENERGY:

Net electrical energy measurement shall be calculated in the following manner:

- A. For a Customer-Generator, the Company shall measure the net electrical energy produced or consumed during the billing period in accordance with normal metering practices for Customers in the same rate class, either by employing a single, bidirectional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Customer-Generator's consumption and production of electricity;
- B. If the electricity supplied by the Company exceeds the electricity generated by the Customer-Generator during a billing period, the Customer-Generator shall be billed for the net electricity supplied by the Company in accordance with normal practices for Customers in the same rate class;
- C. If the electricity generated by the Customer-Generator exceeds the electricity supplied by the Company during a billing period, the Customer-Generator shall be billed for the appropriate Customer charges for that billing period in accordance with the Company Obligations section of this tariff and shall be credited with the product of the excess kilowatt-hours generated during the billing period and the rate identified in Schedule Cogeneration Purchase, Sheet 102 in the following billing period. This rate is calculated from the Company's avoided fuel cost; and
- D. Any credits granted by this subsection shall expire without any compensation at the earlier of either twelve (12) months after their issuance, or when the Customer-Generator disconnects service or terminates the net metering relationship with the Company.

November 18, 2013

Issued: November 8, 2013  
Issued by: Darrin R. Ives, Vice President

Effective: ~~December 8, 2013~~

Filed  
Missouri Public  
Service Commission  
ET-2014-0028; YE-2014-0214

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 4<sup>th</sup> Revised Sheet No. 114  
Canceling P.S.C. MO. No. 1 3<sup>rd</sup> Revised Sheet No. 114

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

NET METERING RATES:

The Company shall file on or before January 15 of each odd-numbered year for the Commission's approval in the Company's tariff, a rate schedule with a net metering rate that is the same rate as the utility's cogeneration rate. The Company's cogeneration rate is filed for the Commission's approval in the Company's tariff on or before January 15 of every odd-numbered year as required in 4 CSR 240-3.155 Requirements for Company Cogeneration Tariff Filings section (4). The cogeneration rate is stated in dollars per kilowatt-hour or cents per kilowatt-hour on the cogeneration rate tariff sheet (MO700, Sheet No. 102) and, likewise, the net metering rate shall be stated in dollars per kilowatt-hour or cents per kilowatt-hour on the net metering rate tariff sheet.

INTERCONNECTION AGREEMENT:

- A. Each Customer-Generator and Company shall enter into the interconnection agreement included herein.
- B. The solar rebate reference in the interconnection agreement is applicable to the company.
- C. Applications by a Customer-Generator for interconnection of a qualified electric energy generation unit to the distribution system shall be accompanied by the plan for the Customer-Generator's electrical generating system including, but not limited to, a wiring diagram and specifications for the generating unit, and shall be reviewed and responded to by the Company within thirty (30) days of receipt for systems ten kilowatts (10 kW) or less and within ninety (90) days of receipt for all other systems. Prior to the interconnection of the qualified generation unit to the Company's system, the Customer-Generator will furnish the Company a certification from a qualified professional electrician or engineer that the installation meets the requirements of paragraph A and B of the Company Obligation section of this tariff. If the application for interconnection is approved by the Company and the Customer-Generator does not complete the interconnection within one (1) year after receipt of notice of the approval, the approval shall expire and the Customer-Generator shall be responsible for filing a new application.
- D. Upon the change in ownership of a qualified electric energy generation unit, the new Customer-Generator shall be responsible for filing a new application.

November 18, 2013

Issued: November 8, 2013  
Issued by: Darrin R. Ives, Vice President

Effective: ~~December 8, 2013~~

Filed  
Missouri Public  
Service Commission  
ET-2014-0028; YE-2014-0214

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&amp;P and MPS

<b>NET METERING RIDER (Continued)</b> <b>ELECTRIC</b>
--

APPLICATION STANDARDS:

When applying for approval of any renewable net metering installations or solar rebates, the Company will only accept and review applications adhering to the following application standards:

A. Net Metering Interconnection Agreements and Solar Rebate:

- (1) Applications shall be legible.
- (2) All applicable fields will be completely filled out as required. Incomplete applications will be returned.
- (3) The name and address on the application must match the name and address on the Customer bill. Otherwise, additional documentation should be provided to support the applicants association with the account holder.
- (4) Application signatures must be made by persons who are, or officially represent established Customers of the Company.
- (5) Net Metering systems are to be sized to offset part or all of the Customer-Generator's own electrical energy requirements.
  - (a) For customers with twelve (12) months usage:  
Last 12 month's total usage / 8760 hours in a year / capacity factor = maximum size of PV system that can be installed.
  - (b) For customers with less than twelve (12) months usage:  
Load Worksheet is available on KCPL.com
  - (c) The Solar capacity factor is 0.144 and for Wind is 0.311

B. Single-line diagrams:

- (1) Diagrams will be project specific. Generic line drawings from specification manuals will not be accepted.
- (2) Diagrams must be legible. Drafting quality is preferred.

C. Installation plan:

- (1) A legible general site or plan drawing of the installation will be included. Detail architectural or construction drawings are not required.
- (2) A legible map of the location will be included. The general location of the installation and the location of the associated meter should be depicted.

D. Equipment specifications (Electrical requirements as defined in paragraph A and B of the Qualified Electric Customer-Generator Obligations section of this tariff):

- (1) Photovoltaic (PV) panel specification sheets are required proving UL certification, such as UL 1703.
- (2) Wind turbine specification sheets are required proving UL certification.
- (3) Power inverter specification sheets are required proving UL certification.
- (4) If another certification agency is referenced in the specification sheet, please provide necessary documentation to associate the certification back to a UL standard.
- (5) Non-UL certified equipment will not be accepted.

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&amp;P and MPS

NET METERING RIDER (Continued) ELECTRIC
--

## APPLICATION STANDARDS (continued):

## E. Application submittal:

- (1) Applications will be accepted in hardcopy or electronic format.
- (2) Hard-copy applications will only be accepted via mail delivery to the address on the Interconnection Agreement.
- (3) Electronic-copy applications shall be submitted in a single file, presented in PDF format.
  - (a) JPEG, IMG or other file formats will not be accepted.
  - (b) Unless the file size exceeds email limitations, multiple files will not be accepted.
  - (c) The PDF file will be submitted in a single-email.
- (4) Electronic-copy applications shall be emailed to: [NetMeteringApp@kcpl.com](mailto:NetMeteringApp@kcpl.com).
- (5) All applications will be uniquely numbered and processed in the order received.

## F. Pre-approval notification:

- (1) Pre-approval of your project will be provided by email after the Company review.
- (2) Pre-approval of projects prior to installation is preferred, but is not required.
  - (a) Projects installed prior to pre-approval may be subject to rework to bring the systems into compliance with this tariff
  - (b) Rework resulting from early installation will be the responsibility of the Customer-Generator.
- (3) Incorrect or deficient applications will be rejected and the basis for the rejection provided.
- (4) An appeal of the rejection may be requested.

## G. Project completion notification and request for inspection:

- (1) Notification of project completion will be in the form of email to: [NetMeteringApp@kcpl.com](mailto:NetMeteringApp@kcpl.com).
- (2) The notification will reference the following:
  - (a) Name of Applicant (customer)
  - (b) Address of installation
  - (c) Type of project (PV, wind, etc.)
- (3) Installations that deviate from plans provided during pre-approval are subject to additional engineering review. Rework resulting from this deviation will be the responsibility of the Customer-Generator and may delay the operational date of the system.
- (4) The Company may apply a service charge for additional inspections or site visits. The service charge will be \$81 per occurrence.

## H. Solar rebate payment:

- (1) Please see the Company's Rules and Regulations, Section 9.18 – Solar Photovoltaic Rebate Program details concerning the solar rebate.

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued) ELECTRIC
--

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING  
 SYSTEMS WITH CAPACITY OF ONE HUNDRED KILOWATTS (100 kW) OR LESS**

**KCP&L**  
**PO Box 418679**  
**Kansas City, MO 64141-9679**  
**Attn: Solar Rebates/Net Metering**

**For Customers Applying for Interconnection:**

If you are interested in applying for interconnection to the Company's electrical system, you should first contact the Company and ask for information related to interconnection of parallel generation equipment to the Company's system and you should understand this information before proceeding with this Application.

If you wish to apply for interconnection to the Company's electrical system, please complete sections A, B, C, D and H (except System Install Date) and attach the plans and specifications, including, but not limited to, describing the net metering, parallel generation, and interconnection facilities (hereinafter collectively referred to as the "Customer-Generator's System") and submit them to the Company at the address above. The Company will provide notice of approval or denial within thirty (30) days of receipt by the Company for Customer-Generators of ten kilowatts (10 kW) or less and within ninety (90) days of receipt by the Company for Customer-Generators of greater than ten kilowatts (10 kW). If this Application is denied, you will be provided with the reason(s) for the denial. If this Application is approved and signed by both you and the Company, it shall become a binding contract and shall govern your relationship with the Company.

**For Customers Who Have Received Approval of  
 Customer-Generator System Plans and Specifications:**

After receiving approval of your Application, it will be necessary to construct the Customer-Generator System in compliance with the plans and specifications described in the Application, sign and complete sections E, F, H (System Install Date), I and J of this Application, and forward this Application to the Company for review and completion of section G at the address above. Prior to the interconnection of the qualified generation unit to the Company system, the Customer-Generator will furnish the Company a certification from a qualified professional electrician or engineer that the installation meets the plans and specification described in the application. If the application for interconnection is approved by the Company and the Customer-Generator does not complete the interconnection within one (1) year after receipt of notice of the approval, the approval shall expire and the Customer-Generator shall be responsible for filing a new application.

The Company will complete the utility portion of section G and, upon receipt of a completed Application/Agreement form and payment of any applicable fees, schedule a date for interconnection of the Customer-Generator System to the Company's electrical system within fifteen (15) days of receipt by the Company if electric service already exists to the premises, unless the Customer-Generator and the Company agree to a later date. Similarly, upon receipt of a completed Application/Agreement form and payment of any applicable fees, if electric service does not exist to the premises, the Company will schedule a date for interconnection of the Customer-Generator System to the Company's electrical system no later than fifteen (15) days after service is established to the premises, unless the Customer-Generator and the Company agree to a later date.

Issued: November 8, 2013  
 Issued by: Darrin R. Ives, Vice President

November 18, 2013  
 Effective: ~~December 8, 2013~~

Filed  
 Missouri Public  
 Service Commission  
 ET-2014-0028; YE-2014-0214

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 4<sup>th</sup> Revised Sheet No. 118  
Canceling P.S.C. MO. No. 1 3<sup>rd</sup> Revised Sheet No. 118

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**For Customers Who Are Installing Solar Systems:**

Upon completion of section H, I and J, a rebate may be available from the Company on an expanded or new solar systems that becomes operational after 12/31/2009. . Please refer to the Company's Rules and Regulations, Section 9.18 – Solar Photovoltaic Rebate Program for the applicable rebate rate and additional details and requirements.

**For Customers Who Are Assuming Ownership or Operational Control of an Existing Customer-Generator System:**

If no changes are being made to the existing Customer-Generator System, complete sections A, D, F and J of this Application/Agreement and forward to the Company at the address above. The Company will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by the Company if the new Customer-Generator has satisfactorily completed Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. There are no fees or charges for the Customer-Generator who is assuming ownership or operational control of an existing Customer-Generator System if no modifications are being proposed to that System.

Issued: November 8, 2013  
Issued by: Darrin R. Ives, Vice President

November 18, 2013  
Effective: ~~December 8, 2013~~

Filed  
Missouri Public  
Service Commission  
ET-2014-0028; YE-2014-0214

KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**A. Customer-Generator's Information**

Name on KCP&L Electric Account: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Service/Street Address (if different from above): \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_  
Emergency Contact Phone: \_\_\_\_\_  
KCP&L Account No. (from Utility Bill): \_\_\_\_\_  
If account has multiple meters, provide the meter number to which generation will be connected:  
\_\_\_\_\_

**B. Customer-Generator's System Information**

Manufacturer Name Plate Power Rating: \_\_\_\_\_ kW AC or DC (circle one)  
Voltage: \_\_\_\_\_ Volts  
System Type:  Wind  Fuel Cell  Solar Thermal  Photovoltaic  Hydroelectric  Other (describe)  
\_\_\_\_\_  
Inverter/Interconnection Equipment Manufacturer: \_\_\_\_\_  
Inverter/Interconnection Equipment Model No.: \_\_\_\_\_  
Inverter/Interconnection Equipment Location (describe): \_\_\_\_\_  
\_\_\_\_\_  
Outdoor Manual/Utility Accessible & Lockable Disconnect Switch Distance from Meter:  
\_\_\_\_\_  
Describe the location of the disconnect switch: \_\_\_\_\_  
\_\_\_\_\_  
Existing Electrical Service Capacity: \_\_\_\_\_ Amperes Voltage: \_\_\_\_\_ Volts  
Service Character:  Single Phase  Three Phase  
Total capacity of existing Customer-Generator System (if applicable): \_\_\_\_\_ kW

**System Plans, Specifications, and Wiring Diagram must be attached for a valid application.**

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_

Original Sheet No. 119.1  
Sheet No. \_\_\_\_\_

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**C. Installation Information/Hardware and Installation Compliance**

Company Installing System: \_\_\_\_\_  
Contact Person of Company Installing System: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Contractor's License No. (if applicable): \_\_\_\_\_  
Approximate Installation Date: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_  
Person or Agency Who Will Inspect/Certify Installation: \_\_\_\_\_

The Customer-Generator's proposed System hardware complies with all applicable National Electrical Safety Code (NESC), National Electrical Code (NEC), Institute of Electrical and Electronics Engineers (IEEE), and Underwriters Laboratories (UL) requirements for electrical equipment and their installation. As applicable to System type, these requirements include, but are not limited to, UL 1741 and IEEE 1547. The proposed installation complies with all applicable local electrical codes and all reasonable safety requirements of the Company. The proposed System has a lockable, visible AC disconnect device, accessible at all times to the Company personnel. The System is only required to include one lockable, visible disconnect device, accessible to the Company. If the interconnection equipment is equipped with a visible, lockable, and accessible disconnect, no redundant device is needed to meet this requirement. The Customer-Generator's proposed System has functioning controls to prevent voltage flicker, DC injection, overvoltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for System synchronization to the Company's electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when the Company's electric system is not energized or operating normally. If the proposed System is designed to provide uninterruptible power to critical loads, either through energy storage or back-up generation, the proposed System includes a parallel blocking scheme for this backup source that prevents any backflow of power to the Company's electrical system when the electrical system is not energized or not operating normally.

Signed (Installer): \_\_\_\_\_ Date: \_\_\_\_\_

**D. Additional Terms and Conditions**

In addition to abiding by the Company's other applicable rules and regulations, the Customer-Generator understands and agrees to the following specific terms and conditions:

1. Operation/Disconnection

If it appears to the Company, at any time, in the reasonable exercise of its judgment, that operation of the Customer-Generator's System is adversely affecting safety, power quality, or reliability of the Company's electrical system, the Company may immediately disconnect and lock-out the Customer-Generator's System from the Company's electrical system. The Customer-Generator shall permit the Company's employees and inspectors reasonable access to inspect, test, and examine the Customer-Generator's System.

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&amp;P and MPS

NET METERING RIDER (Continued)  
ELECTRIC**D. Additional Terms and Conditions (continued)**

## 2. Liability

Liability insurance is not required for Customer-Generators of ten kilowatts (10 kW) or less. For generators greater than ten kilowatts (10 kW), the Customer-Generator agrees to carry no less than one hundred thousand dollars (\$100,000) of liability insurance that provides for coverage of all risk of liability for personal injuries (including death) and damage to property arising out of or caused by the operation of the Customer-Generator's System. Insurance may be in the form of an existing policy or an endorsement on an existing policy. Customer-Generators, including those whose systems are ten kilowatts (10 kW) or less, may have legal liabilities not covered under their existing insurance policy in the event the Customer-Generator's negligence or other wrongful conduct causes personal injury (including death), damage to property, or other actions and claims.

## 3. Metering and Distribution Costs

A Customer-Generator's facility shall be equipped with sufficient metering equipment that can measure the net amount of electrical energy produced or consumed by the Customer-Generator. If the Customer-Generator's existing meter equipment does not meet these requirements or if it is necessary for the Company to install additional distribution equipment to accommodate the Customer-Generator's facility, the Customer-Generator shall reimburse the Company for the costs to purchase and install the necessary additional equipment. At the request of the Customer-Generator, such costs may be initially paid for by the Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing cycles. Any subsequent meter testing, maintenance, or meter equipment change necessitated by the Customer-Generator shall be paid for by the Customer-Generator.

## 4. Ownership of Renewable Energy Credits or Renewable Energy Certificates (RECs)

RECs created through the generation of electricity by the Customer-Owner are owned by the Customer-Generator unless the Customer-Generator receives a solar rebate from the Company. For rebates paid on and after August 28, 2013 and as a condition of receiving a rebate, customers shall transfer to the electric utility all rights, title, and interest in and to the renewable energy credits associated with the new or expanded solar electric system that qualified the customer for the solar rebate for a period of ten years from the date the electric utility confirmed that the solar electric system was installed and operational.

KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

For Territory Served as L&amp;P and MPS

NET METERING RIDER (Continued)  
ELECTRIC**D. Additional Terms and Conditions (continued)****5. Energy Pricing and Billing**

The net electric energy delivered to the Customer-Generator shall be billed in accordance with the Utility's Applicable Rate Schedules. The value of the net electric energy delivered by the Customer-Generator to the Company shall be credited in accordance with the net metering rate schedule(s).

Net electrical energy measurement shall be calculated in the following manner:

- (a) For a Customer-Generator, a retail electric supplier shall measure the net electrical energy produced or consumed during the billing period in accordance with normal metering practices for customers in the same rate class, either by employing a single, bidirectional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Customer-Generator's consumption and production of electricity;
- (b) If the electricity supplied by the supplier exceeds the electricity generated by the Customer-Generator during a billing period, the Customer-Generator shall be billed for the net electricity supplied by the supplier in accordance with normal practices for customers in the same rate class;
- (c) If the electricity generated by the Customer-Generator exceeds the electricity supplied by the supplier during a billing period, the Customer-Generator shall be billed for the appropriate customer charges for that billing period and shall be credited an amount for the excess kilowatt-hours generated during the billing period at the net metering rate identified in the Company's tariff filed at the Public Service Commission, with this credit applied to the following billing period; and
- (d) Any credits granted by this subsection shall expire without any compensation at the earlier of either twelve (12) months after their issuance, or when the Customer-Generator disconnects service or terminates the net metering relationship with the supplier.

**6. Terms and Termination Rights**

This Agreement becomes effective when signed by both the Customer-Generator and the Company, and shall continue in effect until terminated. After fulfillment of any applicable initial tariff or rate schedule term, the Customer-Generator may terminate this Agreement at any time by giving the Company at least thirty (30) days prior written notice. In such event, the Customer-Generator shall, no later than the date of termination of Agreement, completely disconnect the Customer-Generator's System from parallel operation with the Company's system. Either party may terminate this Agreement by giving the other party at least thirty (30) days prior written notice that the other party is in default of any of the terms and conditions of this Agreement, so long as the notice specifies the basis for termination, and there is an opportunity to cure the default. This Agreement may also be terminated at any time by mutual agreement of the Customer-Generator and the Company. This agreement may also be terminated, by approval of the commission, if there is a change in statute that is determined to be applicable to this contract and necessitates its termination.

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued) ELECTRIC
--

**D. Additional Terms and Conditions (continued)**

7. Transfer of Ownership

If operational control of the Customer-Generator's System transfers to any other party than the Customer-Generator, a new Application/Agreement must be completed by the person or persons taking over operational control of the existing Customer-Generator System. The Company shall be notified no less than thirty (30) days before the Customer-Generator anticipates transfer of operational control of the Customer-Generator's System. The person or persons taking over operational control of Customer-Generator's System must file a new Application/Agreement, and must receive authorization from the Company, before the existing Customer-Generator System can remain interconnected with the Company's electrical system. The new Application/Agreement will only need to be completed to the extent necessary to affirm that the new person or persons having operational control of the existing Customer-Generator System completely understand the provisions of this Application/Agreement and agree to them. If no changes are being made to the Customer-Generator's System, completing sections A, D, F and J of this Application/Agreement will satisfy this requirement. If no changes are being proposed to the Customer-Generator System, the Company will assess no charges or fees for this transfer. The Company will review the new Application/Agreement and shall approve such, within fifteen (15) days if the new Customer-Generator has satisfactorily completed the Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. The Company will then complete section G and forward a copy of the completed Application/Agreement back to the new Customer-Generator, thereby notifying the new Customer-Generator that the new Customer-Generator is authorized to operate the existing Customer-Generator System in parallel with the Company's electrical system. If any changes are planned to be made to the existing Customer-Generator System that in any way may degrade or significantly alter that System's output characteristics, then the Customer-Generator shall submit to the Company a new Application/Agreement for the entire Customer-Generator System and all portions of the Application/Agreement must be completed.

8. Dispute Resolution

If any disagreements between the Customer-Generator and the Company arise that cannot be resolved through normal negotiations between them, the disagreements may be brought to the Missouri Public Service Commission by either party, through an informal or formal complaint. Procedures for filing and processing these complaints are described in 4 CSR 240-2.070. The complaint procedures described in 4 CSR 240-2.070 apply only to retail electric power suppliers to the extent that they are regulated by the Missouri Public Service Commission.

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**D. Additional Terms and Conditions (continued)**

**(9) Testing Requirement**

IEEE 1547 requires periodic testing of all interconnection related protective functions. The Customer-Generator must, at least once every year, conduct a test to confirm that the Customer-Generator's net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero) within two (2) seconds of being disconnected from the Company's electrical system. Disconnecting the net metering unit from the Company's electrical system at the visible disconnect switch and measuring the time required for the unit to cease to energize the output shall satisfy this test. The Customer-Generator shall maintain a record of the results of these tests and, upon request by the Company, shall provide a copy of the test results to the Company. If the Customer-Generator is unable to provide a copy of the test results upon request, the Company shall notify the Customer-Generator by mail that Customer-Generator has thirty (30) days from the date the Customer-Generator receives the request to provide to the Company, the results of a test. If the Customer-Generator's equipment ever fails this test, the Customer-Generator shall immediately disconnect the Customer-Generator's System from the Company's system. If the Customer-Generator does not provide results of a test to the Company within thirty (30) days of receiving a request from the Company or the results of the test provided to the Company show that the Customer-Generator's net metering unit is not functioning correctly, the Company may immediately disconnect the Customer-Generator's System from the Company's system. The Customer-Generator's System shall not be reconnected to the Company's electrical system by the Customer-Generator until the Customer-Generator's System is repaired and operating in a normal and safe manner.

I have read, understand, and accept the provisions of section D, subsections 1 through 9 of this Application/Agreement.

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_  
Must be signature of the Company account holder (customer)

**E. Electrical Inspection**

The Customer-Generator System referenced above satisfies all requirements noted in section C.

Inspector Name (print): \_\_\_\_\_  
Inspector Certification: Licensed Engineer in Missouri \_\_\_\_\_ Licensed Electrician in Missouri \_\_\_\_\_  
License No. \_\_\_\_\_

Signed (Inspector): \_\_\_\_\_ Date: \_\_\_\_\_

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**F. Customer-Generator Acknowledgement**

I am aware of the Customer-Generator System installed on my premises and I have been given warranty information and/or an operational manual for that system. Also, I have been provided with a copy of the Company's parallel generation tariff or rate schedule (as applicable) and interconnection requirements. I am familiar with the operation of the Customer-Generator System.

I agree to abide by the terms of this Application/Agreement and I agree to operate and maintain the Customer-Generator System in accordance with the manufacturer's recommended practices as well as the Company's interconnection standards. If, at any time and for any reason, I believe that the Customer-Generator System is operating in an unusual manner that may result in any disturbances on the Company's electrical system, I shall disconnect the Customer-Generator System and not reconnect it to the Company's electrical system until the Customer-Generator System is operating normally after repair or inspection. Further, I agree to notify the Company no less than thirty (30) days prior to modification of the components or design of the Customer-Generator System that in any way may degrade or significantly alter that System's output characteristics. I acknowledge that any such modifications will require submission of a new Application/Agreement to the Company.

I agree not to operate the Customer-Generator System in parallel with the Company's electrical system until this Application/Agreement has been approved by the Company.

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_

**G. Utility Application/Agreement Approval (completed by Company)**

The Company does not, by approval of this Application/Agreement, assume any responsibility or liability for damage to property or physical injury to persons due to malfunction of the Customer-Generator's System or the Customer-Generator's negligence.

This Application is approved by the Company on this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year).

Company Representative Name (print): \_\_\_\_\_

Signed Company Representative: \_\_\_\_\_

**H. Solar System Data (For Solar Installations only)**

Solar Module Manufacturer: \_\_\_\_\_ Inverter Rating: \_\_\_\_\_ kW

Solar Module Model No.: \_\_\_\_\_ Number of Modules/Panel: \_\_\_\_\_

Module rating: \_\_\_\_\_ DC Watts System rating (sum of solar panels): \_\_\_\_\_ kW

Module Warranty: \_\_\_\_\_ years (circle on spec sheet)

Inverter Warranty: \_\_\_\_\_ years (circle on spec sheet)

Location of modules: \_\_\_ Roof \_\_\_ Ground Installation type: \_\_\_ Fixed \_\_\_ Ballast

System Installation Date: \_\_\_\_\_

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 119.7  
Canceling P.S.C. MO. No. 1                      Original Sheet No. 119.7

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**Solar system must be permanently installed on the applicant's premises for a valid application**  
**Required documents to receive solar rebate (required to be attached for a valid application):**

- Copies of detail receipts/invoices with purchase date circled
- Copies of detail spec sheets on each component
- Copies of proof of warranty sheet (minimum of 10 year warranty)
- Photo(s) of completed system
- Completed Taxpayer Information Form
- Customer Affidavit

**I. Solar Rebate Declaration (For Solar Installations only)**

I understand that the complete terms and conditions of the solar rebate program are included in Company's Rules and Regulations, Section 9.18 – Solar Photovoltaic Rebate Program.

I understand that this program has a limited budget, and that application will be accepted on a first-come, first-served basis, while funds are available. It is possible that I may be notified I have been placed on a waiting list for the next year's rebate program if funds run out for the current year. This program may be modified or discontinued at any time without notice from the Company.

I understand that the solar system must be permanently installed and remain in place on premises for the duration of its useful life – a minimum of 10 years and the system shall be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the system.

I understand the equipment must be new when installed, commercially available, and carry a minimum 10 year warranty.

I understand a rebate of \$2/watt up to 25,000 watts (25 kW) is available from the Company on expanded or new systems that become operational after 12/31/2009 with a maximum rebate of \$50,000. Effective July 1, 2014 the rebate for systems will be reduced until July 1, 2020 when the rebate will be eliminated. Please refer to the Company's Rules and Regulations, Section 9.18 – Solar Photovoltaic Rebate Program for the applicable rebate rate.

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**I. Solar Rebate Declaration (For Solar Installations only) (continued)**

I understand the DC wattage rating provided by the original manufacturer and as noted in section H will be used to determine rebate amount.

I understand business corporations receiving a rebate of \$600 or more will receive a 1099. (Please consult your tax advisor with any questions.)

I understand that as a condition of receiving a rebate, customers shall transfer to the electric utility all rights, title, and interest in and to the renewable energy credits associated with the new or expanded solar electric system that qualified the customer for the solar rebate for a period of ten years from the date the electric utility confirmed that the solar electric system was installed and operational understand that, for systems of ten kilowatts (10 kW) or greater, a notarized affidavit must be provided to Company, in addition to this declaration, before Company will make a rebate payment.

Installer's Signature \_\_\_\_\_

Print Installer's Name \_\_\_\_\_

Customer-Generator's Signature \_\_\_\_\_

Print Solar Rebate Customer-Generator's Name \_\_\_\_\_

If System not owned by Customer-Generator, Owner's Name \_\_\_\_\_

Owner's Address \_\_\_\_\_

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_

Original Sheet No. 119.9  
Sheet No. \_\_\_\_\_

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served as L&P and MPS

NET METERING RIDER (Continued)  
ELECTRIC

**J. Solar Rebate Affidavit (Required For Solar Installations only)**

I \_\_\_\_\_, certify that I am the Customer-Generator and the Solar system installed matches the design submitted.

Customer has the legal right and authority to transfer the Solar Energy Renewable Credits ("SRECs") to the Company, the SRECs were derived from a Missouri eligible technology, the SRECs being transferred to the Company have not been sold or promised for sale to any other party, nor have they been used to meet the requirements of any other local or state mandate; and 3) the SRECs will not be offered for sale or sold to any other party for ten years from the system operational date.

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

IN WITNESS WHEREOF, I HAVE EXECUTED THIS DOCUMENT ON BEHALF  
OF \_\_\_\_\_ ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company Name

Subscribed and sworn to before me, a notary public, by the above named affiant  
this \_\_\_\_\_ Day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

ECONOMIC DEVELOPMENT RIDER  
ELECTRIC (FROZEN)**PURPOSE**

The purpose of this Economic Development Rider is to encourage industrial and commercial development and thereby increase economic development opportunities in the Company's service area.

**AVAILABILITY**

Electric service under this Rider is available to certain customers otherwise qualified for service under the Company's Large General Service or the Company's Large Power Service rates that also meet the criteria stated herein on a first come, first serve basis as determined by the execution of the contract specified herein. The availability of this Rider shall be limited to qualified customers not involved in selling or providing goods and services directly to the general public. The Company will consider all requests for service under this Rider; however, requests will not be accepted for new or expanded facilities under construction or otherwise committed to operation prior to the first effective date of this Rider. Electric service under this Rider is not available in conjunction with service provided pursuant to any other special contract agreements. This Rider is not available to those Customers who have an EDR contract which has an effective date after the effective date of this tariff.

**APPLICABILITY**

Sufficiently detailed information shall be provided by the Customer to enable the Company to determine whether a facility is qualified for the Rider. Service under this Rider shall be evidenced by a contract between the Customer and the Company, a copy of which shall be submitted to the Commission Staff and Office of Public Counsel.

**CRITERIA**

Upon the election of the Customer and acceptance by the Company, the provisions of this Rider are applicable to new industrial and commercial customers and to the new facilities of existing industrial and commercial customers who expand operations and who meet the following criteria:

1. Annual kW Demand Criterion: The peak demand of the new customer or additional facilities is reasonably projected to be at least two hundred (200) kW within two (2) years of the new customer or separately measured facilities expansion first receiving service from Company. The new or expanding customer and Company will mutually agree upon a capacity expansion plan to be defined in the electric service agreement.
2. Load Factor Criterion: The annual load factor of the new customer or additional facilities is reasonably projected to exceed fifty-five percent (55%) within two (2) years of the new customer or additional separately measured facilities commencing service under this Rider. The customer must maintain an annual load factor exceeding fifty-five percent (55%) or greater in years three (3) through five (5) of the Rider to continue to be eligible for the incentive provisions. The customer's annual load factor will be reviewed each year on the anniversary of the commencement date of the EDR.

October 19, 2013

ECONOMIC DEVELOPMENT RIDER (Continued)  
ELECTRIC (FROZEN)CRITERIA (Continued)

The annual load factor of the customer shall be determined by the following relationship.

$$\frac{\text{Annual Energy (kWh)} / \text{Hours in Year}}{\text{Maximum Summer Monthly Demand}}$$

The maximum summer monthly demand is defined as the actual measured demand of the new Customer or facilities during the four (4) summer months of June through September.

3. The new or additional facility receives local, regional or state governmental incentives.

INCENTIVE PROVISIONS

1. Rate Discount: Prior to taxes, the Customer's net monthly bill, calculated in accordance with the applicable rate schedules, will be discounted by thirty percent (30%) during the first (1<sup>st</sup>) contract year, twenty-five percent (25%) during the second (2<sup>nd</sup>) contract year, twenty percent (20%) during the third (3<sup>rd</sup>) contract year, fifteen percent (15%) during the fourth (4<sup>th</sup>) contract year, and ten percent (10%) during the fifth (5<sup>th</sup>) contract year. After the fifth (5<sup>th</sup>) contract year, this incentive provision shall cease.
2. Minimum Bill: The minimum monthly bill will be the charge for the minimum monthly Reserved Capacity of two hundred (200) kW pursuant to the applicable rate schedule. Other provisions of the applicable rate schedule which describe the calculation of Reserve Capacity and Billing Capacity apply. After the fifth (5<sup>th</sup>) contract year, this provision shall cease.
3. Local Service Facilities: The Company will not require an additional facilities or line extension charge for facilities installed to serve the customer if the Company's analysis of expected revenues from the new load on an ongoing basis is determined to be sufficient to justify the required investment in the facilities.
4. Separately Measured Service: Bills to existing Customers, pursuant to the provisions of this or other locations.
5. Shifting of Existing Load: For Customers with existing facilities at one (1) or more locations in the Company's service area, this Rider shall not be applicable to service provided at any other delivery point prior to receiving service under this Rider. Customer is prohibited from shifting loads from those locations already existing in the Company's service area to qualify for this Rider or to receive benefits from this Rider.

October 19, 2013

ECONOMIC DEVELOPMENT RIDER (Continued)  
ELECTRIC (FROZEN)TERM

The Company may file to freeze the availability of this Rider with respect to new loads at any time following one (1) year from the effective date of this tariff. Any Customer receiving service under the Rider on the date it is suspended may continue to receive the benefits of the incentive provisions herein through the remaining period of the Customer's contract.

TERMINATION

Failure of the Customer to meet or maintain any of the applicable criteria of this Rider, used to qualify the Customer for acceptance on the Rider, within the two (2) year period commencing with the date service under this Rider begins, may lead to termination of service under this Rider.

OTHER PROVISIONS

Service under this Rider shall be subject to all other applicable tariffs and the Company's general rules and regulations applying to electric service as the same may change from time to time as provided by law.

**FORM OF CONTRACT**

This Agreement is entered into as of this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between Aquila, Inc., d/b/a Aquila Networks (Company) and \_\_\_\_\_ (Customer).

## WITNESSETH:

Whereas, Company has on file with the Public Service Commission of the State of Missouri (Commission) a certain Economic Development Rider (Rider), and;

Whereas, Customer is a new Customer, or has acquired additional separately measured facilities within the Company's service territory, and;

Whereas, Customer has furnished sufficient information to the Company to demonstrate that its new facilities or additional separately measured facilities (Facilities) satisfied the Availability and Applicability provisions of the Rider, and;

Whereas, Customer wishes to take electric service from the Company, and the Company agrees to furnish electric service to the Customer under this Rider and pursuant to all other applicable tariffs of the Company;

The Company and Customer agree as follows:

1. Service to the Customer's Facilities shall be pursuant to the Rider, all other applicable tariffs, and the Company's General Rules and Regulations Applying to Electric Service, as may be in effect from time to time and approved by the Commission.

October 19, 2013

Issued: October 9, 2013

Issued by: Darrin R. Ives, Vice President, Regulatory Affairs

Effective: ~~November 8, 2013~~

FILED

Missouri Public  
Service Commission

ER-2014-0031, YE-2014-0168

ECONOMIC DEVELOPMENT RIDER (Continued)  
ELECTRIC (FROZEN)

**FORM OF CONTRACT (Continued)**

- 2. Customer acknowledges that this Agreement is not assignable voluntarily by Customer, but shall nevertheless inure to the benefit of and be binding upon the Customer's successors by operation of law so long as the successor continues to meet the criteria of the Rider.
- 3. Customer will furnish additional information, as requested by the Company, to assure the continued eligibility for service under the Rider. Customer acknowledges that all information provided to the Company for the purpose of determining whether the Customer is eligible for service under the Rider shall be retained by the Company, and shall be subject to inspection and disclosure under Chapters 386 and 393, RSMo 1986, as amended from time to time. Should the Customer designate any of such information as proprietary or confidential, Company shall notify Customer of any request for inspection or disclosure, and shall use good faith efforts to secure an agreement or Commission order protecting the proprietary or confidential nature of such information.
- 4. This Agreement shall be governed in all respects by the laws of the State of Missouri (regardless of conflict of laws' provisions), and by the orders, rules and regulations of the Commission, as they may exist from time to time. Nothing contained herein shall be construed as divesting, or attempting to divest, the Commission of any rights jurisdiction, power or authority vested in it by law.

In witness whereof, the parties have signed this Agreement as of the date first above written.

Aquila Networks  
a division of  
Aquila, Inc.

\_\_\_\_\_  
Customer

By \_\_\_\_\_

By \_\_\_\_\_

October 19, 2013

**ECONOMIC DEVELOPMENT RIDER  
ELECTRIC**

**PURPOSE**

The purpose of this Economic Development Rider is to encourage industrial and commercial business development in Missouri and retain existing load where possible. These activities will attract capital expenditures to the State, diversify the Company's customer base, create jobs, and serve to improve the utilization efficiency of existing Company facilities.

**AVAILABILITY**

Electric service under this Rider is only available in conjunction with local, regional and state governmental economic development activities where incentives have been offered and accepted by the Customer to locate new facilities, expand existing facilities, or retain existing facilities in the Company's service area. The qualifying load under this Rider shall be the entire load of a Customer's new facilities, the incremental new load of an existing Customer, or the portion of an existing Customer's load for which exit from the Company's service area is imminent. For purposes of this Rider, a new facility shall be defined as a Customer's facility that has not received electric service in the Company's service area within the last twelve (12) months. Electric service under this Rider is only available to a Customer otherwise qualified for service under the Company's Medium General Service, Large General Service, or Large Power Service rate schedules. Electric service under this Rider is not available in conjunction with service provided pursuant to any other Special Contract Rate tariff agreements.

This Rider is not available for customers shifting loads between either KCP&L Greater Missouri Operations Company ("GMO") or Kansas City Power & Light Company ("KCP&L"), unless the customer's search and consideration for moving includes viable electric supply options in other electric utility service territories. In such cases, the Company will verify the availability of such supply options and Customer's intent prior to making the Rider available to the Customer.

The availability of this Rider shall be limited to industrial and commercial facilities which are not in the business of selling or providing goods and/or services directly to the general public.

**APPLICABILITY**

The Rider is applicable to new or existing facilities meeting the above availability criteria and the following two applicability criteria:

1. The annual load factor of the new Customer facility or expanded facility is reasonably projected to equal or exceed fifty-five percent (55%) annual load factor within two (2) years of the date the Customer first receives service under this Rider. The Customer must maintain an annual load factor of 55% or greater in years three (3) through five (5) of the service under this Rider to continue to be eligible for the incentive provisions. The projected annual Customer load factor shall be determined by the following relationship:

$$\frac{\text{PAE}}{\text{PCD} * \text{HRS}}$$

where:

- PAE = Projected Annual Energy (kWh)
- HRS = Hours in year (8760)
- PCD = Projected Customer Peak Demand

October 19, 2013

ECONOMIC DEVELOPMENT RIDER (Continued)  
ELECTRIC

If the above load factor criterion is not met, the Company may consider the following other factors when determining qualification for the Rider:

- a. 100 or more new permanent full-time jobs created or percentage increase in existing permanent full-time jobs;
- b. Capital investment of \$5 million or more
- c. Additional Off-peak Usage

Any of the above alternative factors considered will be documented as part of the approval process. Revenues to be received from a Customer over the term of the contract shall be greater than the applicable incremental cost to provide electric service, as determined by the Company pursuant to Sheet Nos. 123.5 and 123.6, ensuring a positive contribution to fixed costs.

2. The peak demand of the new or additional facility is reasonably projected to be at least two-hundred (200) kW within two years of the date the Customer first receives service under this Rider. The Customer must maintain at least two-hundred (200) kW in years three (3) through five (5) of the service under this Rider to continue to be eligible for the incentive provisions.

All requests for service under this Rider will be considered by the Company. Sufficiently detailed information and documentation shall be provided by the Customer to enable the Company to determine whether a facility is qualified for the Rider.

In the case of retention of an existing Customer, as a condition for service under this Rider, Customer must furnish to Company such documentation (e.g. Influencing factors and a comparison of the rates and other economic development incentives) as deemed necessary by Company to verify the availability of a viable electric supply option outside of GMO's service territory and Customer's intent to select this viable electric supply option. Customer must also furnish an affidavit stating Customer's intent to select this viable electric supply option unless it is able to receive service under this Rider.

In the case of shifting of a customer's load between GMO and KCP&L, Customer must furnish to Company such documentation (e.g. Influencing factors and a comparison of the rates and other economic development incentives) as deemed necessary by Company to verify Customer's intent and the availability of a viable electric supply option outside of the service territories of GMO and KCP&L. Customer must also furnish an affidavit stating Customer's intent to select this viable electric supply option unless it is able to receive service under this Rider.

Service under this Rider shall be evidenced by a contract between the Customer and the Company, which shall be submitted along with supporting documentation to the Commission, Commission Staff in the Energy Unit and the Office of Public Counsel. In the case of a Customer locating a new facility in GMO's service territory or expanding an existing facility in GMO's service territory, the contract will contain a statement that the Customer would not locate new facilities in GMO's service territory or expand its existing facilities in GMO's service territory but for receiving service under this Rider along with other incentives.

October 19, 2013

Issued: October 9, 2013

Issued by: Darrin R. Ives, Vice President, Regulatory Affairs

Effective: ~~November 8, 2013~~

FILED  
Missouri Public  
Service Commission  
ER-2014-0031, YE-2014-0168

**ECONOMIC DEVELOPMENT RIDER (Continued)  
ELECTRIC**

INCENTIVE PROVISIONS

1. **Revenue Determination:**  
The pre-tax revenues under this Rider shall be determined by reducing otherwise applicable charges, associated with the Medium General Service, Large General Service, or Large Power Service rate schedules, by 30% during the first contract year, 25% during the second contract year, 20% during the third contract year, 15% during the fourth contract year and 10% during the fifth contract year. After the fifth contract year, this incentive provision shall cease unless provision #3 below applies. If elected by the Customer and approved by the Company before the EDR contract is executed, the Company may determine to alter the application of the discount percentages over the course of the five (5) years not exceeding 100% total and not to exceed 30% in any single year. The selected discount percentage cannot change once signed as part of the contract. All other billing, operational and related provisions of the aforementioned rate schedules shall remain in effect.  
  
Bills for separately metered (or measured) service to existing Customers, pursuant to the provisions of this Rider, will be calculated independently of any other service rendered to the Customer at the same or other locations.
2. **Shifting of Existing Load:**  
For Customers with existing facilities at one or more locations in the Company's service area, this Rider shall not be applicable to service provided at any other delivery point prior to receiving service under this Rider. Failure to comply with this provision may result in termination of service under this Rider.
3. **Beneficial Location of Facilities:**  
If the Company determines at the time of the approval of the EDR that loads under this Rider utilize existing infrastructure in a manner which is beneficial to the local electric service delivery system, an additional incentive of up to 10% reduction during the 6<sup>th</sup> year can be applied to the pre-tax charges associated with the Customer's rate schedule. Documentation supporting the approval of this provision including relevant circuit utilization information will be provided with the contract and other supporting documentation submitted to the Commission, Commission Staff in the Energy Unit and Office of Public Counsel for information purposes. This provision does not apply for the retention of Customers.
4. **Positive Contribution:**  
Revenues to be received from a Customer over the term of the contract shall be greater than the applicable incremental cost to provide electric service, as determined by the Company pursuant to Sheet Nos. 123.5 and 123.6, ensuring a positive contribution to fixed costs.

October 19, 2013

Issued: October 9, 2013

Effective: ~~November 8, 2013~~

Issued by: Darrin R. Ives, Vice President, Regulatory Affairs

**FILED**  
Missouri Public  
Service Commission  
ER-2014-0031, YE-2014-0168

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territory Served by L&P and MPS

**ECONOMIC DEVELOPMENT RIDER (Continued)**  
**ELECTRIC**

INCENTIVE PROVISIONS (cont.)

- 5 Separately Measured Service:  
For facilities contracting under this Rider due to expansion, the Company may install metering equipment necessary to measure load subject to this Rider. The Company reserves the right to make the determination of whether such load will be separately metered or sub-metered. If the Company determines that the nature of the expansion is such that either separate metering or sub-metering is impractical or economically infeasible, the Company will determine, based on historical usage, what portion of the Customer's load in excess of the monthly baseline, if any, qualifies as new load eligible for this Rider.

TERMINATION

Failure of the Customer to meet any of the applicability criteria of this Rider, used to qualify the Customer for acceptance on the Rider shall lead to termination of service under this Rider.

October 19, 2013

ECONOMIC DEVELOPMENT RIDER (Continued)  
ELECTRIC

**INCREMENTAL COST ANALYSIS:**

As confirmation that revenues received from Customers under this Schedule are expected to be sufficient to cover the Company's increased costs to serve such Customers, the Company shall provide to the Commission, Commission Staff in the Energy Unit and Office of Public Counsel an analysis of the Company's incremental cost of service in a format set forth in Sheet No. 123.6. This analysis shall be provided at the time of the Company's triennial and annual updates filed under the Commission's Chapter 22 Electric Utility Resource Planning Rules.

This analysis shall be performed utilizing an hourly production cost simulation model such as Midas or equivalent along with current estimates of the market value of capacity. The incremental costs shall include the estimated cost of serving a 10 MW incremental retail electric customer load at varying load factors. The incremental cost shall include the impact of such retail load on the Company's purchased power costs, fuel costs, incremental capacity costs and wholesale sales. This analysis shall generally be forward looking, covering the current calendar year and subsequent four (4) calendar years and include the impact of the Company's view of forward wholesale energy market prices.

October 19, 2013

Issued: October 9, 2013

Issued by: Darrin R. Ives, Vice President, Regulatory Affairs

Effective: ~~November 8, 2013~~

FILED

Missouri Public  
Service Commission

ER-2014-0031, YE-2014-0168

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 Original Sheet No. 123.6  
 Canceling P.S.C. MO. No. \_\_\_\_\_ Sheet No. \_\_\_\_\_  
**KCP&L Greater Missouri Operations Company** For Territory Served by L&P and MPS  
**KANSAS CITY, MO**

ECONOMIC DEVELOPMENT RIDER (Continued)  
ELECTRIC

**INCREMENTAL ANNUAL COST PER KWH:**

GMO Incremental Cost Analysis Study by Load Factor  
 (per procedure documented in KCP&L 32I and GMO 123.4)

Load Factor		20%	30%	40%	50%	60%	70%	80%	90%	100%
Year:	\$0.00/kwh									
Year:	\$0.00/kwh									
Year:	\$0.00/kwh									
Year:	\$0.00/kwh									
Year:	\$0.00/kwh									

October 19, 2013

Issued: October 9, 2013  
 Issued by: Darrin R. Ives, Vice President, Regulatory Affairs

Effective: ~~November 8, 2013~~  
**FILED**  
 Missouri Public  
 Service Commission  
 ER-2014-0031, YE-2014-0168

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 2<sup>nd</sup>  
Canceling P.S.C. MO. No. 1 1<sup>st</sup>

Revised Sheet No. 124

Revised Sheet No. 124

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territories Served as L&P and MPS

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided January 26, 2013 and Thereafter)

DEFINITIONS

**ACCUMULATION PERIODS, FILING DATES AND RECOVERY PERIODS:**

An accumulation period is the six calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purposes of determining the Fuel Adjustment Rate (FAR). The two six-month accumulation periods each year through January 25, 2017, the two corresponding twelve-month recovery periods and the filing dates are as shown below. Each filing shall include detailed work papers in electronic format to support the filing.

**Accumulation Periods**

June – November  
December – May

**Filing Dates**

By January 1  
By July 1

**Recovery Periods**

March – February  
September – August

A recovery period consists of the billing months during which the FAR is applied to retail customer billings on a per kilowatt-hour (kWh) basis.

**COSTS AND REVENUES:**

Costs eligible for the Fuel and Purchased Power Adjustment (FPA) will be the Company's allocated jurisdictional costs for the fuel component of the Company's generating units, purchased power energy charges, emission allowance costs and the costs described below associated with the Company's hedging programs - all as incurred during the accumulation period. These costs will be offset by jurisdictional off-system sales revenues, applicable Southwest Power Pool (SPP) revenues and costs, revenue from the sale of Renewable Energy Certificates or Credits (REC), and emission allowance revenues collected during the accumulation period. Eligible costs do not include the purchased power demand costs associated with purchased power contracts in excess of one year.

**APPLICABILITY**

The price per kWh of electricity sold to retail customers will be adjusted (up or down) periodically subject to application of the Rider FAC and approval by the Missouri Public Service Commission.

The FAR is the result of dividing the FPA by forecasted retail net system input ( $S_{RP}$ ) for the recovery period, expanded for Voltage Adjustment Factors (VAF), rounded to the nearest \$0.00001, and aggregating over two accumulation periods. The amount charged on a separate line on retail customers' bills is equal to the current annual FAR times kWhs billed.

Issued: January 16, 2013  
Issued by: Darrin R. Ives, Senior Director

Effective: ~~February 15, 2013~~  
January 26, 2013

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 2<sup>nd</sup>  
Canceling P.S.C. MO. No. 1 1<sup>st</sup>

Revised Sheet No. 125

Revised Sheet No. 125

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territories Served as L&P and MPS

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided January 26, 2013 and Thereafter)

FORMULAS AND DEFINITIONS OF COMPONENTS

FPA = 95% \* ((ANEC – B) \* J) + T + I + P

95% = Customer responsibility for fuel variance from base level.

ANEC = Actual Net Energy Costs = (FC + E + PP + TC – OSSR-R)

FC = Fuel Costs Incurred to Support Sales:  
The following costs reflected in Federal Energy Regulatory Commission (FERC) Account Number 501: coal commodity and transportation, accessorial charges, applicable taxes, natural gas costs, alternative fuels (i.e. tires, bio-fuel), fuel additives, fuel quality adjustments, fuel hedging costs, fuel adjustments included in commodity and transportation costs, and broker commissions, fees and margins, oil costs, propane costs, combustion product disposal revenues and expenses, consumable costs related to Air Quality Control Systems (AQCS) operation, such as ammonia, lime, limestone, powder activated carbon, urea, sodium bicarbonate, trona, and insurance recoveries, subrogation recoveries and settlement proceeds for increased fuel expenses in Account 501.

The following costs reflected in FERC Account Number 547: natural gas, oil, landfill gas and alternative fuel generation costs related to commodity, transportation, storage, fuel losses, hedging costs for natural gas, oil, and natural gas used to cross-hedge purchased power, fuel additives, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses, and broker commissions fees and margins.

E = Net Emission Costs:  
The following costs and revenues reflected in FERC Account Numbers 509, 411.8 and 411.9: emission allowance costs offset by revenues from the sale of emission allowances including any associated hedging costs, and broker commissions, fees, commodity based services, and margins.

PP = Purchased Power Costs:  
The following costs or revenues reflected in FERC Account Number 555: purchased power costs, capacity charges for capacity purchases less than 12 months in duration, energy charges from capacity purchases of any duration, settlements, insurance recoveries, and subrogation recoveries for

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 2<sup>nd</sup>  
Canceling P.S.C. MO. No. 1 1<sup>st</sup>

Revised Sheet No. 126

Revised Sheet No. 126

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territories Served as L&P and MPS

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided January 26, 2013 and Thereafter)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

purchased power expenses, virtual energy charges, generating unit price adjustments, load/export charges, energy position charges, ancillary services including penalty and distribution charges, hedging costs, broker commissions, fees, and margins, SPP EIS market charges, and SPP Integrated Market charges.

TC = Transmission Costs:  
The following costs reflected in FERC Account Number 565 (excluding Base Plan Funding costs and costs associated with the Crossroads generating station): transmission costs that are necessary to receive purchased power to serve native load and transmission costs that are necessary to make off system sales.

OSSR = Revenues from Off-System Sales:  
The following revenues or costs reflected in FERC Account Number 447: all revenues from off-system sales but excluding revenues from full and partial requirements sales to Missouri municipalities that are associated with GMO, hedging costs, SPP EIS market charges, and SPP Integrated Market revenues.

R = Renewable Energy Credit Revenue:  
Revenues reflected in FERC account 509 from the sale of Renewable Energy Credits that are not needed to meet the Renewable Energy Standard.

Hedging Costs = Hedging costs are defined as realized losses and costs (including broker commissions fees and margins) minus realized gains associated with mitigating volatility in the Company's cost of fuel, fuel additives, fuel transportation, emission allowances, transmission and purchased power costs, including but not limited to, the Company's use of derivatives whether over-the counter or exchange traded including, without limitation, futures or forward contracts, puts, calls, caps, floors, collars, and swaps.

Should FERC require any item covered by factors FC, PP, E or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

Issued: January 16, 2013  
Issued by: Darrin R. Ives, Senior Director

Effective: February 15, 2013

January 26, 2013

Filed  
Missouri Public  
Service Commission  
ER-2012-0175; YE-2013-0326

January 26, 2013

FUEL ADJUSTMENT CLAUSE – Rider FAC  
 FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
 (Applicable to Service Provided January 26, 2013 and Thereafter)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

B = Net base energy costs ordered by the Commission in the last general rate case consistent with the costs and revenues included in the calculation of the FPA. Base Energy costs will be calculated as shown below:

$$\begin{aligned} & \text{L\&P } S_{AP} \times \text{Base Factor (BF)} \\ & \text{MPS } S_{AP} \times \text{Base Factor (BF)} \end{aligned}$$

$S_{AP}$  = Net system input (NSI) in kWh for the accumulation period

J = Missouri Retail Energy Ratio = Retail kWh NSI/ $S_{AP}$   
 Where: total system kWh equals retail and full and partial requirement NSI associated with GMO.

T = True-up amount as defined below.

I = Interest applicable to (i) the difference between Missouri Retail ANEC and B for all kWh of energy supplied during an AP until those costs have been recovered; (ii) refunds due to prudence reviews (“P”), if any; and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings (“T”) provided for herein. Interest shall be calculated monthly at a rate equal to the weighted average interest paid on the Company’s short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

P = Prudence disallowance amount, if any, as defined below.

FAR =  $FPA/S_{RP}$

$$\begin{aligned} \text{Single Accumulation Period Secondary Voltage } FAR_{Sec} &= FAR * VAF_{Sec} \\ \text{Single Accumulation Period Primary Voltage } FAR_{Prim} &= FAR * VAF_{Prim} \end{aligned}$$

Annual Secondary Voltage  $FAR_{Sec}$  =  
 Aggregation of the two Single Accumulation Period Secondary Voltage FARs still to be recovered

Annual Primary Voltage  $FAR_{Prim}$  =  
 Aggregation of the two Single Accumulation Period Primary Voltage FARs still to be recovered

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 Original Sheet No. 126.2  
Canceling P.S.C. MO. No. \_\_\_\_\_ Sheet No. \_\_\_\_\_  
**KCP&L Greater Missouri Operations Company** For Territories Served as L&P and MPS  
**KANSAS CITY, MO**

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided January 26, 2013 and Thereafter)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

Where:

FPA = Fuel and Purchased Power Adjustment

S<sub>RP</sub> = Forecasted recovery period retail NSI in kWh, at the generator

VAF = Expansion factor by voltage level

VAF<sub>Sec</sub> = Expansion factor for lower than primary voltage customers

VAF<sub>Prim</sub> = Expansion factor for primary and higher voltage customers

The FPA will be calculated separately for L&P and MPS, and by voltage level, and the resultant FAR will be applied to the bills of customers in the respective rate districts and voltage levels.

BASE FACTOR (BF)

Company base factor costs per kWh:

\$0.02076 for L&P

\$0.02278 for MPS

TRUE-UPS

After completion of each RP, the Company shall make a true-up filing by the filing date of its FAR filing. Any true-up adjustments shall be reflected in "T" above. Interest on the true-up adjustment will be included in item I above.

The true-up amount shall be the difference between the revenues billed and the revenues authorized for collection during the RP as well as any corrections identified to be included in the current FAR filing. Any corrections included will be discussed in the testimony accompanying the true-up filing.

PRUDENCE REVIEWS

Prudence reviews of the costs subject to this Rider FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider FAC shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in item "P" above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in item "I" above.

Issued: January 16, 2013  
Issued by: Darrin R. Ives, Senior Director

Effective: ~~February 15, 2013~~  
January 26, 2013

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 12th  
 Canceling P.S.C. MO. No. 1 11th

Revised Sheet No. 127

Revised Sheet No. 127

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO**

For Territories Served as L&P and MPS

**FUEL ADJUSTMENT CLAUSE – Rider FAC**  
**FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC**  
 (Applicable to Service Provided January 26, 2013 and Thereafter)

Accumulation Period Ending:		May 31, 2016	
		MPS	L&P
1	Actual Net Energy Cost (ANEC) = (FC+E+PP+TC-OSSR-R)	\$56,731,770	\$18,231,341
2	Net Base Energy Cost (B)	-	\$21,882,223
	2.1 Base Factor (BF)	0.02278	0.02076
	2.2 Accumulation Period NSI (S <sub>AP</sub> )	2,929,052,999	1,054,057,000
3	(ANEC-B)	(\$9,992,057)	(\$3,650,882)
4	Jurisdictional Factor (J)	* 99.531%	100.00%
5	(ANEC-B)*J	(\$9,945,242)	(\$3,650,882)
6	Customer Responsibility	* 95%	95%
7	95% *((ANEC-B)*J)	(\$9,447,980)	(3,468,338)
8	True-Up Amount (T)	+ (\$3,202,215)	(\$815,474)
9	Interest (I)	+ (\$32,661)	(\$19,745)
10	Prudence Adjustment Amount (P)	+ \$0	\$0
11	Fuel and Purchased Power Adjustment (FPA)	= (\$12,682,856)	(\$4,303,557)
12	Estimated Recovery Period Retail NSI (S <sub>RP</sub> )	÷ 6,509,095,346	2,264,027,953
13	Current Period Fuel Adjustment Rate (FAR)	= (\$0.00195)	(\$0.00190)
14	Current Period FAR <sub>Prim</sub> = FAR x VAF <sub>Prim</sub>	(\$0.00203)	(\$0.00198)
15	Prior Period FAR <sub>Prim</sub>	+ (\$0.00007)	(\$0.00051)
16	Current Annual FAR <sub>Prim</sub>	(\$0.00210)	(\$0.00249)
17	Current Period FAR <sub>Sec</sub> = FAR x VAF <sub>Sec</sub>	(\$0.00209)	(\$0.00203)
18	Prior Period FAR <sub>Sec</sub>	+ (\$0.00007)	(\$0.00052)
19	Current Annual FAR <sub>Sec</sub>	(\$0.00216)	(\$0.00255)
	MPS VAF <sub>Prim</sub> = 1.0419		
	MPS VAF <sub>Sec</sub> = 1.0712		
	L&P VAF <sub>Prim</sub> = 1.0421		
	L&P VAF <sub>Sec</sub> = 1.0701		

Issued: July 1, 2016  
 Issued by: Darrin R. Ives, Vice President

Effective: September 1, 2016

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 127.1  
Canceling P.S.C. MO. No. 1 Original Sheet No. 127.1  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO**

**FUEL ADJUSTMENT CLAUSE ELECTRIC**  
(Applicable to Service Provided September 1, 2009 through June 30, 2011)

**DEFINITIONS**

**ACCUMULATION PERIODS, FILING DATES AND RECOVERY PERIODS:**

The two six-month accumulation periods each year through August 5, 2013, the two corresponding twelve-month recovery periods and the filing dates will be as shown below. Each filing shall include detailed work papers in electronic format to support the filing.

<b><u>Accumulation Periods</u></b>	<b><u>Filing Dates</u></b>	<b><u>Recovery Periods</u></b>
June – November	By January 1	March – February
December – May	By July 1	September – August

A recovery period consists of the billing months during which the Cost Adjustment Factor (CAF) for each of the respective accumulation periods are applied to retail customer billings on a per kilowatt-hour (kWh) basis.

**COSTS AND REVENUES:**

Costs eligible for the Fuel Adjustment Clause (FAC) will be the Company's allocated Jurisdictional costs for the fuel component of the Company's generating units, including costs associated with the Company's fuel hedging program; purchased power energy charges, including applicable transmission fees; applicable Southwest Power Pool (SPP) costs, and emission allowance costs - all as incurred during the accumulation period. These costs will be offset by off-system sales revenues, applicable net SPP revenues, and any emission allowance revenues collected during the accumulation period. Eligible costs do not include the purchased power demand costs associated with purchased power contracts in excess of one year.

**APPLICABILITY**

The price per kWh of electricity sold to retail customers will be adjusted (up or down) periodically subject to application of the FAC mechanism and approval by the Missouri Public Service Commission.

The CAF is the result of dividing the Fuel and Purchased Power Adjustment (FPA) by forecasted retail net system input (RNSI) during the recovery period, rounded to the nearest \$.0001, and aggregating over two accumulation periods. A CAF will appear on a separate line on retail customers' bills and represents the rate charged to customers to recover the FPA.

## STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 127.2  
 Canceling P.S.C. MO. No. 1  Original Sheet No. 127.2  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO**

FUEL ADJUSTMENT CLAUSE ELECTRIC (continued)  
 (Applicable to Service Provided September 1, 2009 through June 30, 2011)

FORMULAS AND DEFINITIONS OF COMPONENTS

$$\text{FPA} = 95\% * ((\text{TEC} - \text{B}) * \text{J}) + \text{C} + \text{I}$$

$$\text{CAF} = \text{FPA}/\text{RNSI}$$

$$\text{Single Accumulation Period Secondary Voltage CAF}_{\text{Sec}} = \text{CAF} * \text{XF}_{\text{Sec}}$$

$$\text{Single Accumulation Period Primary Voltage CAF}_{\text{Prim}} = \text{CAF} * \text{XF}_{\text{Prim}}$$

Annual Secondary Voltage CAF =

Aggregation of the Single Accumulation Period Secondary Voltage CAFs still to be recovered

Annual Primary Voltage CAF =

Aggregation of the Single Accumulation Period Primary Voltage CAFs still to be recovered

Where:

FPA = Fuel and Purchased Power Adjustment

CAF = Cost Adjustment Factor

95% = Customer responsibility for fuel variance from base level.

TEC = Total Energy Cost = (FC + EC + PP - OSSR):

FC = Fuel Costs Incurred to Support Sales:

- The following costs reflected in Federal Energy Regulatory Commission (FERC) Account Numbers 501 & 502: coal commodity and railroad transportation, switching and demurrage charges, applicable taxes, natural gas costs, alternative fuel (i.e. tires and bio-fuel), fuel additives, quality adjustments assessed by coal suppliers, fuel hedging cost (hedging is defined as realized losses and cost minus realized gains associated with mitigating volatility in the Company's cost of fuel, including but not limited to, the Company's use of futures, options and over-the-counter derivatives including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps), fuel oil adjustments included in commodity and transportation costs, broker commissions and fees associated with price hedges, oil costs, ash disposal revenues and expenses, fuel used for fuel handling, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses in Account 501.

FUEL ADJUSTMENT CLAUSE ELECTRIC (continued) (Applicable to Service Provided September 1, 2009 through June 30, 2011)
---

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

- The following costs reflected in FERC Account Number 547: natural gas generation costs related to commodity, oil, transportation, storage, fuel losses, hedging costs, fuel additives, fuel used for fuel handling, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses, broker commissions and fees in Account 547.

EC = Net Emissions Costs:

- The following costs reflected in FERC Account Number 509 or any other account FERC may designate for emissions expenses in the future: Emission allowances costs and revenues from the sale of SO<sub>2</sub> emission allowances.

PP = Purchased Power Costs:

- Purchased power costs reflected in FERC Account Numbers 555, 565, and 575: Purchased power costs, settlement proceeds, insurance recoveries, and subrogation recoveries for increased purchased power expenses in Account 555, excluding SPP and MISO administrative fees and excluding capacity charges for purchased power contracts with terms in excess of one (1) year.

OSSR = Revenues from Off-System Sales:

- Revenues from Off-system Sales shall exclude long-term full & partial requirements sales associated with GMO.

B = Base energy costs are costs as defined in the description of TEC (Total Energy Cost). Base Energy costs will be calculated as shown below:

$$\begin{aligned} & \text{L\&P NSI} \times \text{Applicable Base Energy Cost} \\ & \text{MPS NSI} \times \text{Applicable Base Energy Cost} \end{aligned}$$

J = Energy retail ratio = Retail kWh sales/total system kWh

Where: total system kWh equals retail and full and partial requirements sales associated with GMO.

C = Under / Over recovery determined in the true-up of prior recovery period cost, including accumulated interest, and modifications due to prudence reviews

I = Interest on deferred electric energy costs calculated at a rate equal to the weighted average interest paid on short-term debt applied to the month-end balance of deferred electric energy costs



STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 5th Revised Sheet No. 127.5  
 Canceling P.S.C. MO. No. 1 4th Revised Sheet No. 127.5  
**KCP&L Greater Missouri Operations Company** For Territories Served as L&P and MPS  
**KANSAS CITY, MO 64105**

FUEL ADJUSTMENT CLAUSE ELECTRIC (continued)  
 (Applicable to Service Provided September 1, 2009 through June 30, 2011)

**COST ADJUSTMENT FACTOR**

		MPS	L&P
Accumulation Period Ending		05/31/11	05/31/11
1 Total Energy Cost (TEC)		\$86,681,755	\$23,497,856
2 Base energy cost (B)	-	\$74,238,206	\$19,256,670
3 First Interim Total		\$12,443,549	\$4,241,186
4 Jurisdictional Factor (J)	*	99.447%	100%
5 Second Interim Total		\$12,374,736	\$4,241,186
6 Customer Responsibility	*	95%	95%
7 Third Interim Total		\$11,755,999	\$4,029,127
8 Adjustment for Under / Over recovery for prior periods and Modifications due to prudence reviews (C)	+	(\$683,698)	(\$251,838)
9 Interest (I)	+	\$461,369	\$63,908
10 Fuel and Purchased Power Adjustment (FPA)		\$11,533,670	\$3,841,197
11 RNSI	÷	6,529,534,000	2,314,611,000
12 Fourth Interim Total		\$0.0018	\$0.0017
13 Current period CAF <sub>Prim</sub> (= Line 12 * XF <sub>Prim</sub> )		\$0.0019	\$0.0018
14 Previous period CAF <sub>Prim</sub>	+	\$0.0027	\$0.0008
15 Current annual CAF <sub>Prim</sub>		\$0.0046	\$0.0026
16 Current period CAF <sub>Sec</sub> (= Line 12 * XF <sub>Sec</sub> )		\$0.0019	\$0.0018
17 Previous period CAF <sub>Sec</sub>	+	\$0.0028	\$0.0009
18 Current annual CAF <sub>Sec</sub>		\$0.0047	\$0.0027

Expansion Factors (XF):

<u>Network:</u>	<u>Primary</u>	<u>Secondary</u>
MPS	1.0444	1.0679
L&P	1.0444	1.0700

Issued: July 27, 2011  
 Issued by: Darrin R. Ives, Sr. Director, Regulatory Affairs

Effective: September 1, 2011

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 127.6  
Canceling P.S.C. MO. No. 1 Original Sheet No. 127.6  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO**

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided July 1, 2011 through January 25, 2013)

DEFINITIONS

ACCUMULATION PERIODS, FILING DATES AND RECOVERY PERIODS:

The two six-month accumulation periods each year through May 31, 2015, the two corresponding twelve-month recovery periods and the filing dates will be as shown below. Each filing shall include detailed work papers in electronic format to support the filing.

<u>Accumulation Periods</u>	<u>Filing Dates</u>	<u>Recovery Periods</u>
June – November	By January 1	March – February
December – May	By July 1	September – August

A recovery period consists of the billing months during which the Cost Adjustment Factor (CAF) for each of the respective accumulation periods are applied to retail customer billings on a per kilowatt-hour (kWh) basis.

COSTS AND REVENUES:

Costs eligible for the Fuel Adjustment Clause (FAC) will be the Company's allocated Jurisdictional costs for the fuel component of the Company's generating units, including costs associated with the Company's fuel hedging program; purchased power energy charges, and emission allowance costs - all as incurred during the accumulation period. These costs will be offset by off-system sales revenues, applicable net SPP revenues, and any emission allowance revenues collected during the accumulation period. Eligible costs do not include the purchased power demand costs associated with purchased power contracts in excess of one year.

APPLICABILITY

The price per kWh of electricity sold to retail customers will be adjusted (up or down) periodically subject to application of the FAC mechanism and approval by the Missouri Public Service Commission.

The CAF is the result of dividing the Fuel and Purchased Power Adjustment (FPA) by forecasted retail net system input (RNSI) during the recovery period, expanded for losses, rounded to the nearest \$.0001, and aggregating over two accumulation periods. A CAF will appear on a separate line on retail customers' bills and represents the rate charged to customers to recover the FPA.





STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 127.9  
Canceling P.S.C. MO. No. 1 Original Sheet No. 127.9  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO**

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided July 1, 2011 through January 25, 2013)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

RNSI = Forecasted recovery period net system input in kWh, at the generator

XF = Expansion factor by voltage level

XF<sub>Sec</sub> = Expansion factor for lower than primary voltage customers

XF<sub>Prim</sub> = Expansion factor for primary and higher voltage customers

NSI = Net system input (kWh) for the accumulation period

The FPA will be calculated separately for L&P and MPS, and by voltage level, and the resultant CAF's will be applied to customers in the respective divisions and voltage levels.

APPLICABLE BASE ENERGY COST

Company base energy costs per kWh:

\$0.01936 for L&P

\$0.02340 for MPS

TRUE-UPS AND PRUDENCE REVIEWS

There shall be prudence reviews of costs and the true-up of revenues collected with costs intended for collection. FAC costs collected in rates will be refundable based on true-up results and findings in regard to prudence. Adjustments, if any, necessary by Commission order pursuant to any prudence review shall also be placed in the FAC for collection unless a separate refund is ordered by the Commission. True-ups occur at the end of each recovery period. Prudence reviews shall occur no less frequently than at 18 month intervals.

## STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 13<sup>rd</sup>Revised Sheet No. 127.10Canceling P.S.C. MO. No. 12<sup>nd</sup>Revised Sheet No. 127.10

KCP&amp;L Greater Missouri Operations Company

For Territory Served as L&amp;P and MPS

KANSAS CITY, MO

FUEL ADJUSTMENT CLAUSE ELECTRIC (continued)  
(Applicable to Service Provided July 1, 2011 and Thereafter)

COST ADJUSTMENT FACTOR

		MPS	L&P
Accumulation Period Ending		11/30/12	11/30/12
1 Total Energy Cost (TEC)		\$90,345,544	\$26,331,657
2 Base energy cost (B)	-	\$80,834,504	\$22,575,425
3 First Interim Total		\$9,511,040	\$3,756,232
4 Jurisdictional Factor (J)	*	99.520%	100%
5 Second Interim Total		\$9,465,387	\$3,756,232
6 Customer Responsibility	*	95%	95%
7 Third Interim Total		\$8,992,118	\$3,568,420
8 Adjustment for Under / Over recovery for prior periods (C)	+	\$102,750	\$2,070
9 Interest (I)	+	\$123,208	\$85,773
10 Fuel and Purchased Power Adjustment (FPA)		\$9,218,076	\$3,656,263
11 RNSI	+	6,477,337,000	2,250,785,000
12 Fourth Interim Total		\$0.0014	\$0.0016
13 Current period CAF <sub>Prim</sub> (= Line 12 * XF <sub>Prim</sub> )		\$0.0015	\$0.0017
14 Previous period CAF <sub>Prim</sub>	+	(\$0.0003)	\$0.0001
15 Current annual CAF <sub>Prim</sub>		\$0.0012	\$0.0018
16 Current period CAF <sub>Sec</sub> (= Line 12 * XF <sub>Sec</sub> )		\$0.0015	\$0.0017
17 Previous period CAF <sub>Sec</sub>	+	(\$0.0003)	\$0.0001
18 Current annual CAF <sub>Sec</sub>		\$0.0012	\$0.0018

Expansion Factors (XF):Territory:

MPS

Primary

1.0419

Secondary

1.0712

L&amp;P

1.0421

1.0701

Issued: December 19, 2012  
Issued by: Darrin R. Ives, Senior Director

Effective: March 1, 2013

FILED  
Missouri Public  
Service Commission  
ER-2013-0341; JE-2013-0276

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 128  
Canceling P.S.C. MO. No. 1 Original Sheet No. 128  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO 64106**

ELECTRIC

RESERVED FOR FUTURE USE

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1

1<sup>st</sup>

Revised Sheet No. 129

Canceling P.S.C. MO. No. 1

Original Sheet No. 129

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO 64106**

For Territory Served as L&P and MPS

ELECTRIC

**RESERVED FOR FUTURE USE**

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 130  
Canceling P.S.C. MO. No. 1 1 Original Sheet No. 130  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO 64106**

ELECTRIC

RESERVED FOR FUTURE USE

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 131  
Canceling P.S.C. MO. No. 1 Original Sheet No. 131  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO 64106**

ELECTRIC

RESERVED FOR FUTURE USE

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup> Revised Sheet No. 132  
Canceling P.S.C. MO. No. 1 1 Original Sheet No. 132  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO 64106**

ELECTRIC

RESERVED FOR FUTURE USE

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 Original Sheet No. 133  
Canceling P.S.C. MO. No. \_\_\_\_\_ Sheet No. \_\_\_\_\_  
**KCP&L Greater Missouri Operations Company** For Territory Served as L&P and MPS  
**KANSAS CITY, MO**

PART NIGHT LIGHTING ELECTRIC
---------------------------------

AVAILABILITY:

In accordance with the *Non-Unanimous Stipulation and Agreement as to Outdoor Lighting Issues* approved by the Commission in Case Nos. ER-2010-0355 and ER-2010-0356, the Company will offer a Part-Night Lighting Tariff, the rates and terms for which will be developed upon customer request and approved by the Commission.

June 25, 2011

Issued: May 31, 2011  
Issued by: Darrin R. Ives, Senior Director

Effective: ~~June 4, 2011~~  
FILED  
Missouri Public  
Service Commission  
ER-2010-0356; YE-2011-0606

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1<sup>st</sup>  
Canceling P.S.C. MO. No. 1

Revised Sheet No. 134

Original Sheet No. 134

For Territories Served as MPS

**KCP&L Greater Missouri Operations Company**

**KANSAS CITY, MO 64106**

MUNICIPAL STREET LIGHTING SERVICE  
LIGHT EMITTING DIODE PILOT PROGRAM  
ELECTRIC

AVAILABILITY

Electric service is available under this schedule at points on or adjacent to Company's existing secondary distribution lines in incorporated communities associated with Mid-America Regional Council (MARC) and having received grant money to install efficient street lighting. This Pilot Program will continue for a minimum of two years.

This service is exclusive to the MARC associated incorporated communities of Harrisonville, Kearney, Lawson, Liberty, Oak Grove, Platte City, Peculiar, Pleasant Hill, Raymore, Raytown and Smithville, consistent with the terms of their respective agreements with MARC. Applicable for the lighting of public streets, alleys and thoroughfares in urban or platted suburban areas. This rate schedule is not applicable for lighting of any privately owned roads, drives, etc., or for flood lighting installations or to lighting of athletic fields, recreation areas, swimming pools, parking lots and other similar projects either public or private.

TERM

This Pilot Program shall last a minimum of two years pursuant to the individual agreements with member MARC communities.

EQUIPMENT AND SERVICE PROVIDED

The MARC contractor will install the following items designated as a standard LED street lighting fixture:

1. A standard LED fixture(s) will consist of approved LED lighting – replacement retrofit or new fixture – established within the respective MARC agreements with the associated communities for use in this Pilot Program. The character of the circuit (series or multiple) and the voltages supplied to the fixture will be determined by the Company.
2. Standard LED fixtures will be installed on existing street light poles or distribution circuit poles owned by the Company. Company's standard overhead extensions consists of a properly sized wood pole(s), an arm not to exceed ten feet (10'), a maximum of three hundred thirty feet (330') of secondary circuit and a transformer if required.
3. Standard LED fixtures may also be installed on existing street light poles or distribution circuit poles owned by the Company being served by an underground circuit. Company's standard underground extension consists of a properly sized wood pole, secondary cable, pole riser, ten foot (10') arm, a maximum of two hundred feet (200') of secondary circuit from the Company's underground distribution system and a transformer if required.

Issued: January 16, 2013

Issued by: Darrin R. Ives, Senior Director

Effective: ~~February 15, 2013~~

Filed  
Missouri Public  
Service Commission  
ER-2012-0175; YE-2013-0326

January 26, 2013

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO 64106**MUNICIPAL STREET LIGHTING SERVICE  
LIGHT EMITTING DIODE PILOT PROGRAM (Continued)  
ELECTRICRATE

The rates charged below are exclusively for the purposes of the Pilot Project and are not reflective of rates that may be associated with a LED lighting schedule upon completion of pilot period study. An LED lighting rate may be developed based on the outcome of this pilot and or other relevant information.

	<u>Annual Rate Per Unit <sup>(1)</sup></u>	
	<u>Overhead Wiring</u>	<u>Underground Wiring</u>
<u>LED</u>		
≤7000 L, SMALL, enclosed fixture, wood pole.....	\$177.20	\$223.32
≤7000 L, SMALL, enclosed fixture, steel pole.....	\$209.24	\$255.43
>7000 L, LARGE, enclosed fixture, wood pole .....	\$180.26	\$226.40
>7000 L, LARGE, enclosed fixture, steel pole .....	\$212.31	\$258.47

ADDERS FOR ADDITIONAL FACILITIES

	<u>Annual Rate Per Unit <sup>(1)</sup></u>	
	<u>Overhead Wiring</u>	<u>Underground Wiring</u>
a. Wood pole and one (1) span of wire in addition to the pole supporting the fixture, per unit per year.....	\$21.36	N/A
b. Steel pole and one (1) span of overhead wire in addition to the pole supporting the fixture, per unit per year.....	\$61.44	N/A
c. Break away bases for steel poles - each. ....	\$33.81	\$33.81
d. Rock removal per foot per year. This charge shall not apply if customer supplies the ditch and back fills or furnishes conduit in place to Company specifications. Rock removal referred to in this adder shall be for removal of rock that cannot be dug with conventional chain ditch-digging equipment. ....	N/A	\$2.41
	<u>Wood Pole</u>	<u>Steel Pole</u>
e. Special mounting heights:		
30 ft. (requiring 35 ft. wood pole or 30 ft. steel).....	\$20.80	\$70.53
35 ft. (requiring 40 ft. wood pole or 35 ft. steel).....	\$56.31	\$103.09
40 ft. (requiring 45 ft. wood pole or 40 ft. steel).....	\$62.32	\$161.19
50 ft. (requiring 55 ft. wood pole or 50 ft. steel).....	\$112.66	\$359.31

TERMS OF PAYMENT

Customers' monthly bills will be computed at the net rates and will be based on one-twelfth (1/12th) the annual charge. Monthly bills will be computed to the nearest one (1) cent.

(1) See "Adders for Additional Facilities" on Sheet No. 90 for charges to be made for additional facilities.

Issued: January 16, 2013

Issued by: Darrin R. Ives, Senior Director

Effective: February 15, 2013
 Filed  
 Missouri Public  
 Service Commission  
 ER-2012-0175; YE-2013-0326

January 26, 2013

**MUNICIPAL STREET LIGHTING SERVICE  
LIGHT EMITTING DIODE PILOT PROGRAM (Continued)  
ELECTRIC**

**REPLACEMENT OF UNITS**

During this Pilot Program the standard type and quantity of fixtures available for installation hereunder shall be established by MARC through agreement with the communities on the basis of the fixture's quality, capital and maintenance costs, long term availability, general customer acceptance and other factors.

This Pilot Program will be only available on existing street light locations and shall replace the existing fixture at least during the Pilot Program period. Overhead service shall be provided unless the existing local distribution system is underground.

Customer shall reimburse Company or pay for the full cost to change out the existing fixture to an LED lighting fixture. Customer agrees not to propose or request changing the location of the LED fixture once installed or to remove the LED fixture prior to the end of the Pilot Program evaluation period.

Fixtures installed under this Pilot Program that fail may be replaced with standard fixtures available under the Company's existing street light tariffs if the existing fixture is no longer available or is determined by the Company to not meet the evaluation criteria for the Program.

**BURNING HOURS**

Unless otherwise stated, lamps are to burn each and every day of the year from one-half hour after sunset to one-half hour before sunrise, approximately 4100 hours per year.

**EVALUATION AND PROGRAM RESULTS**

This Pilot will evaluate the feasibility and efficacy of a variety of streetlight technologies and vendors in a variety of settings. MARC will prepare quarterly reports and a final report and evaluation at the conclusion of the project. Reports and other deliverables will be provided by MARC in accordance with the Federal Assistance Reporting Checklist. The Company will utilize the evaluations in conjunction with other LED testing results to determine the suitability of LED street lighting. If the technologies are suitable, new tariffs will be established by the Company to guide further deployment.

**RULES AND REGULATIONS**

Service will be furnished under Company Rules and Regulations and the special Rules and Regulations on Sheet No. 94.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 137  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM – Rider RESRAM  
ELECTRIC

APPLICABILITY:

This Renewable Energy Standard Rate Adjustment Mechanism (RESRAM) is applicable to all bills rendered for service to the retail customers served by the Company. Charges or credits passed through this RESRAM reflect the Renewable Energy Standard (“RES”) compliance costs and benefits as defined in 4 CSR 240-20.100(6). In the event that the Commission orders an offset adjustment, that RESRAM Offset Rate shall be netted with the otherwise applicable RESRAM rate for the pendency of the offset adjustment.

Revised RESRAM rate schedules shall be filed to either (1) reset the RESRAM to zero when new base rates and charges become effective following a Commission report and order establishing customer rates in a general rate proceeding that fully incorporates RES compliance costs or benefits previously reflected in a RESRAM in the Company’s base rates or (2) modify the RESRAM rate as necessary to reflect any portion of the RES compliance costs or benefits reflected in a RESRAM that the Commission does not order to be placed into base rates in that proceeding and that will continue to be recovered through the RESRAM. Any over- or under-recovery of RESRAM revenues or over- or under-pass-through of RESRAM benefits that exists after the RESRAM has been modified, shall be tracked in an account and considered in the Company’s next RESRAM filing or general rate case proceeding, whichever occurs first.

DEFINITIONS:

As used in this RESRAM Rider, the following definitions shall apply:

“Effective Period” [EP] means the twelve (12) months beginning with the month of December 2014, and each twelve month period there-after.

“RESRAM Revenue Requirement” [RRR] means the RES compliance costs net of RES compliance benefits.

“Allowable RESRAM Revenue Requirement” [ARRR] means the amount of RESRAM Revenue Requirement, adjusted by any Commission-ordered reconciliations or other adjustments, that does not exceed 1% of the approved revenue requirement in the Company’s last general rate case.

“Short-Term Borrowing Rate” means (i) the daily one-month USD LIBOR rate, using the last previous actual rate for weekends and holidays or dates without an available LIBOR rate, plus (ii) the Applicable Margin for Eurodollar Advances as defined in the Pricing Schedule of the current KCP&L Revolving Credit Agreement. A simple mathematical average of all the daily rates for the month is then computed.

Issued: November 6, 2014  
Issued by: Darrin R. Ives, Vice President

December 1, 2014  
Effective: ~~December 6, 2014~~

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 137.1  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM – Rider RESRAM (Continued)  
ELECTRIC

DETERMINATION OF RESRAM RATE:

The RESRAM charge during each applicable EP shall be applied as charge per kWh for service rendered. The charge shall be calculated as follows:

$$ARRR = RRR* + OA + RA$$

\* If the RRR is greater than the ARRR, the difference between the ARRR and the RRR shall be carried forward for future recovery. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

$$RESRAM = ARRR / PE + ROA$$

Where:

OA = Ordered Adjustment is the amount of any adjustment to the ARRR or RRR ordered by the Commission as a result of corrections under this RESRAM Rider. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

RA = Reconciliation Adjustment is equal to the cumulative difference, if any, between the revenues billed during the previous EP resulting from the application of the RESRAM and the RESRAM revenues intended to be collected through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly short-term borrowing rate.

PE = Projected Energy, in kWh, forecasted to be billed to customers during the applicable EP.

The RESRAM rate shall be rounded to the nearest \$0.00001.

December 1, 2014

Issued: November 6, 2014  
Issued by: Darrin R. Ives, Vice President

Effective: ~~December 6, 2014~~

FILED  
Missouri Public  
Service Commission  
EO-2014-0151; YE-2015-0204

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 137.2  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM – Rider RESRAM (Continued)  
ELECTRIC

RESRAM OFFSET RATE [ROA]

The RESRAM offset will be designed to reconcile costs or benefits disallowed by Commission order as the result of prudence review within the six (6)-month period immediately subsequent to any commission order regarding such disallowance of RES compliance costs or benefits.

DEP = Disallowance Effective Period means the energy projected to be sold in the six (6) months beginning with the first billing month following the promulgation of tariffs resulting from a general rate case.

DA = Disallowance Amount means the offset amount determined to be disallowed by the Commission in the event the Commission disallows, during a subsequent general rate proceeding, recovery of RES compliance costs previously in an RESRAM, or pass-through of benefits previously in an RESRAM. The offset amount shall include a calculation of interest at the electric utility's short-term borrowing rate.

$$ROA = DA / DEP$$

FILING:

The Company shall make a RESRAM filing during each calendar year. Each filing shall become effective in December of each year and such Rider RESRAM filings shall be made at least sixty (60) days prior to their effective dates.

PRUDENCE REVIEWS:

A prudence review shall be conducted no less frequently than at twenty four (24) month intervals. A prudence review shall also be conducted concurrent with any general rate case filed by the Company. Any costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider RESRAM shall be credited to customers through future adjustments to the RRR. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the RESRAM determination in OA above. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

Issued: November 6, 2014  
Issued by: Darrin R. Ives, Vice President

December 1, 2014  
Effective: ~~December 6, 2014~~

FILED  
Missouri Public  
Service Commission  
EO-2014-0151; YE-2015-0204

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 2nd Revised Sheet No. 137.3  
Canceling P.S.C. MO. No. 1 1st Revised Sheet No. 137.3  
KCP&L Greater Missouri Operations Company For Territories Served as L&P and MPS  
KANSAS CITY, MO

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM – Rider RESRAM (Continued)  
ELECTRIC

RESRAM REVENUE REQUIREMENT AND RATE

Applicable to determination of RESRAM Rider for the months of December 2016 through May 2017:

Total RESRAM Revenue Requirement:	\$ 44,618,302*
Allowable RESRAM Revenue Requirement:	\$ 7,401,052
Allowable RESRAM per kWh rate:	\$ 0.00091
RESRAM Offset Adjustment (ROA) per kWh rate:	(\$ 0.00032)*
RESRAM per kWh rate:	\$ 0.00059

\*Total RESRAM Revenue Requirement amount of \$44,618,302 consists of actuals at August 2016. This balance does not include the ROA disallowance of \$1.3 million from MPSC Order Approving Stipulations and Agreements, Rejecting Tariffs, Cancelling True-Up Hearing, and Ordering Filing of Compliance Tariffs, issued on September 28, 2016 in the GMO Rate Case ER-2016-0156.

The \$1.3 million disallowance has been reflected in the ROA per kWh rate of \$ (0.00032).

Credits are shown in parentheses, e.g. (\$ 0.05).

Issued: November 8, 2016  
Issued by: Darrin R. Ives, Vice President

Effective: ~~December 8, 2016~~  
December 1, 2016

FILED  
Missouri Public  
Service Commission  
ET-2017-0097; YE-2017-0067

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 138  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

DEMAND SIDE INVESTMENT MECHANISM RIDER  
Schedule DSIM

APPLICABILITY:

This rider is applicable to all non-lighting kilowatt-hours (kWh) of energy supplied to customers under the Company's retail rate schedules, excluding kWh of energy supplied to "opt-out" customers.

Charges passed through this DSIM Rider reflect the charges approved to be collected from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) Cycle 2 Plan & any remaining unrecovered charges from the MEEIA Cycle 1 Plan DSIM. Those charges include:

- 1) Program Costs, Throughput Disincentive (TD), and Earnings Opportunity Award (EO), if any, for the MEEIA Cycle 2 Plan; as well as, Program Costs and TD-NSB Share for any unrecovered balances from the MEEIA Cycle 1 Plan, as outlined in Stipulation & Agreement in Docket No EO-2015-0241 and any earned Performance Incentive earned (and ordered) attributable to MEEIA Cycle 1, as set out in Case No. EO-2012-0009.
- 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this DSIM Rider and total actual monthly amounts for:
  - i) Program Costs incurred in Cycle 2 and/or remaining unrecovered amounts for MEEIA Cycle 1.
  - ii) TD incurred in Cycle 2, and/or remaining unrecovered amounts for MEEIA Cycle 1.
  - iii) Amortization of any Performance Incentive Award or Earnings Opportunity ordered by the Missouri Public Service Commission (Commission), as set out in EO-2012-0009 or EO-2015-0241.
- 3) Any Ordered Adjustments. Charges under this DSIM Rider shall continue after the anticipated 36 month plan period of MEEIA Cycle 2 until such time as the charges described in items 1) and 2) above have been billed.

Charges arising from the MEEIA Cycle 2 Plan that are the subject of this DSIM Rider shall be reflected in one "DSIM Charge" on customers' bills in combination with any charges arising from a rider that is applicable to post-MEEIA Cycle 2 Plan demand-side management programs approved under the MEEIA. This may also include any unrecovered amounts for Program Costs, TD-NSB Share from MEEIA Cycle 1 and any Performance Incentive, etc. earned/remaining from MEEIA Cycle 1 that is expected to begin payout in January 2017. The Cycle 1 Performance Incentive Award methodology can be found in the October 29, 2012 Non-Unanimous Stipulation & Agreement found in EO-2012-0009.

DEFINITIONS:

As used in this DSIM Rider, the following definitions shall apply:

"Company's Throughput Disincentive (TD) is meant to represent the utility's lost margins associated with the successful implementation of the MEEIA programs. The detailed methodology for calculating the TD is described beginning in Tariff Sheet No. 138.4.

"Effective Period" (EP) means the six (6) months beginning with January of 2016, and each six month period there-after.

Issued: March 16, 2016  
Issued by: Darrin R. Ives, Vice President

Effective: ~~April 15, 2016~~  
April 1, 2016

FILED  
Missouri Public  
Service Commission  
EO-2015-0241; YE-2016-0232

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 138.1  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

DEMAND SIDE INVESTMENT MECHANISM RIDER  
Schedule DSIM (Continued)

"Evaluation Measurement & Verification (EM&V) means the performance of studies and activities intended to evaluate the process of the utility's program delivery and oversight and to estimate and/or verify the estimated actual energy and demand savings, utility lost revenue, cost effectiveness, and other effects from demand-side programs.

"Incentive" means any consideration provided by the Company, including buy downs, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of program measures.

"MEEIA Cycle 1 Plan" consists of the 12 demand-side programs and the DSIM (including Program Costs, TD-NSB Share, Performance Incentive, etc.) described in the approved MEEIA Cycle 1 Filing in Docket No. EO-2012-0009 and its corresponding tariffs.

"MEEIA Cycle 2 Plan" consists of the 16 demand-side programs and the DSIM described in the MEEIA Cycle 2 Filing, which became effective following Commission order and approval of the MEEIA Cycle 2 Plan under Docket No EO-2015-0241.

"Program Costs" means any prudently incurred program expenditures, including such items as program planning, program design; administration; delivery; end-use measures and incentive payments; advertising expense; evaluation, measurement, and verification; market potential studies; and work on a statewide technical resource manual.

"Cycle 2 Earnings Opportunity" (EO) means the incentive ordered by the Commission based on actual performance verified through EM&V against planned targets. The Company's EO will be \$10.4M if 100% achievement of the planned targets are met. EO is capped at \$20.0M, which reflects adjustment for TD verified by EM&V. Potential Earnings Opportunity adjustments are described on Sheet No. 138.6. The Earnings Opportunity Matrix outlining the payout rates, weightings, and caps can be found in 138.8.

"Short term Borrowing Rate" means the daily one month USD LIBOR rate, using the last actual rate for weekends and holidays or dates without an available LIBOR rate, plus (ii) the Applicable Margin for Eurodollar Advances as defined in the Pricing Schedule of the current GMO Revolving Credit Agreement. A simple mathematical average of all the daily rates for the month is then computed.

"AFUDC Rate" means the Allowance for Funds Used During Construction rate computed in accordance with the formula prescribed in the Code of Federal Regulations Title 18, Part 101.

Recovery Period (RP) includes the day the DSIM Rider Tariff becomes effective through July 31, 2016 and each six month period thereafter.

Issued: March 16, 2016  
Issued by: Darrin R. Ives, Vice President

April 1, 2016  
Effective: ~~April 15, 2016~~

FILED  
Missouri Public  
Service Commission  
EO-2015-0241; YE-2016-0232

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 138.2  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

DEMAND SIDE INVESTMENT MECHANISM RIDER  
Schedule DSIM (Continued)

**DETERMINATION OF DSIM RATES:**

The DSIM during each applicable EP is a dollar per kWh rate for each rate schedule calculated as

$$\text{follows: DSIM} = [\text{NPC} + \text{NTD} + \text{NEO} + \text{NOA}] / \text{PE}$$

Where:

NPC = Net Program Costs for the applicable EP as defined below,

$$\text{NPC} = \text{PPC} + \text{PCR}$$

PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP, including any unrecovered Cycle 1 Program Costs that will utilize an amortization as outlined in Stipulation & Agreement filed in Docket EO-2015-0241.

PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the PPC revenues billed resulting from the application of the DSIM through the end of the previous EP and the actual Program Costs incurred through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short- Term Borrowing Rate.

NTD = Net Throughput Disincentive for the applicable EP as defined below,

$$\text{NTD} = \text{PTD} + \text{TDR}$$

PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP, including any any unrecovered Cycle 1 TD-NSB that will utilize an amortization as outlined in Stipulation & Agreement filed in Docket No. EO-2015-0241. For the detailed methodology for calculating the TD, see Sheet 138.4.

TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the PTD revenues billed during the previous EP resulting from the application of the DSIM and the Company's TD through the end of the previous EP calculated pursuant to the MEEIA Cycle 1 or 2 application, as applicable(which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

NEO = Net Earnings Opportunity for the applicable EP as defined below,

$$\text{NEO} = \text{EO} + \text{EOR}$$

EO = Earnings Opportunity is equal to the Earnings Opportunity Award monthly amortization multiplied by the number of billing months in the applicable EP.

The monthly amortization shall be determined by dividing the Earnings Opportunity Award by the number of billing months from the billing month of the first DSIM after the determination of the Earnings Opportunity Award and 24 calendar months following that first billing month.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 138.3  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

DEMAND SIDE INVESTMENT MECHANISM RIDER  
Schedule DSIM (Continued)

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the EO revenues billed during the previous EP resulting from the application of the DSIM and the monthly amortization of the Performance Incentive Award through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

NOA = Net Ordered Adjustment for the applicable EP as defined below,

$$\text{NOA} = \text{OA} + \text{OAR}$$

OA = Ordered Adjustment is the amount of any adjustment to the DSIM ordered by the Commission as a result of prudence reviews and/or corrections under this DSIM Rider. Such amounts shall include monthly interest at the Company's monthly Short-Term Borrowing Rate.

OAR = Ordered Adjustment Reconciliation is equal to the cumulative difference, if any, between the OA revenues billed during the previous EP resulting from the application of the DSIM and the actual OA ordered by the Commission through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short- Term Borrowing Rate.

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the DSIM Rider applies during the applicable RP.

The DSIM components and total DSIM applicable to the individual rate schedules shall be rounded to the nearest \$0.00001.

Allocation of costs for each rate schedule for the MEEIA Cycle 1 Plan will be made in accordance with the Stipulation in Docket No EO-2012-0009. MEEIA Cycle 2 Plans will be allocated as outlined in the Stipulation in Docket No EO-2015-0241.

This DSIM Rider shall not be applicable to customers that have satisfied the opt-out provisions contained in Section 393. Section 393.1075.7, RSMo.1075.7, RSMo.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1

Original Sheet No. 138.4

Canceling P.S.C. MO. No. \_\_\_\_\_

Original Sheet No. \_\_\_\_\_

KCP&L Greater Missouri Operations Company

For Territories Served as L&P and MPS

KANSAS CITY, MO

DEMAND SIDE INVESTMENT MECHANISM RIDER  
Schedule DSIM (Continued)

**CALCULATION OF TD:**

Monthly Throughput Disincentive = the sum of the Throughput Disincentive Calculation for all programs applicable to (1) Residential and (2) Non-Residential customers.

For purposes of this tariff, the term "Residential Class" and "Non-Residential Class" shall refer to the rates as outlined in Table of Contents, Sheet No 1 and 2. Residential Class includes General Use and Electric Space Heating, Other Use, Space Heating/Water Heating-Separate Meter Frozen and Residential Service Time-Of-Day. Non-Residential Class all categories under General Service, Large General Service, Large Power Service, Gemneral Service Time-Of-Day, Thermal energy Storage Pilot Program Frozen, Real-Time Price Program and Special Contract Rate. All classes include both L&P and MPS territories.

Throughput Disincentive Calculation

The Throughput Disincentive Calculation for each program shall be determined by the formula:

$$\text{TD\$} = \text{MS} \times \text{NMR} \times \text{NTGF}$$

Where:

TD\$ = Throughput Disincentive Dollars to be collected for a given calendar month, for a given class.

RB = Rebasing Adjustment. The Rebasing Adjustment shall equal the CAS applicable as of the date used for the MEEIA normalization in any general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to this MEEIA Cycle 2. In the event more than one general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to this MEEIA Cycle 2, the Rebasing Adjustment shall include each and every prior Rebasing Adjustment calculation..

LS = Load Shape. The Load Shape is the monthly loadshape percent for each program, (attached as Appendix G to the Stipulation filed in EO-2015-0241).

NMR = Net Margin Revenue. Net Margin revenue values for each class are provided on Tariff Sheet No.138.8.

NTGF = Net to Gross Factor. The Net to Gross Factor is 0.85.

MS = The sum of all Programs' Monthly Savings in kWh, for a given month, for a given class. The Monthly Savings in kWh for each Program shall be determined by the formula:

$$\text{MS} = (\text{MAS}_{\text{CM}} + \text{CAS}_{\text{PM}} - \text{RB}) \times \text{LS} + \text{HER}$$

Issued: March 16, 2016

Issued by: Darrin R. Ives, Vice President

~~April 1, 2016~~  
~~Effective: April 15, 2016~~

FILED  
Missouri Public  
Service Commission  
EO-2015-0241; YE-2016-0232

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
Canceling P.S.C. MO. No. \_\_\_\_\_  
KCP&L Greater Missouri Operations Company  
KANSAS CITY, MO

Original Sheet No. 138.5  
Original Sheet No. \_\_\_\_\_  
For Territories Served as L&P and MPS

DEMAND SIDE INVESTMENT MECHANISM RIDER  
Schedule DSIM (Continued)

**CALCULATION OF TD (Cont.):**

Where:

MC = Measure Count. Measure Count, for a given month, for a given class, for each measure is the number of each measure installed in the current calendar month.

ME = Measure Energy. Measure Energy will be determined is given as follows, for each Measure:

- a. Prior to finalization of EM&V for Cycle 2, Year 1 programs, for Measures not listed under those programs listed in (c) below, the ME is the annual total of normalized savings for each measure at customer meter per measure defined in the TRM (attached as Appendix F to the Stipulation filed in EO-2015-0241).
- b. After finalization of EM&V for Cycle 2, Year 1 programs, for Measures not listed under those programs listed in (c) below, the ME is the annual total of normalized savings for each measure at customer meter per measure defined in the updated TRM (which will be updated based on EM&V ex-post gross adjustments determined for Year 1 no later than 24 months after the commencement of Cycle 2).
- c. For Measures Business Energy Efficiency Rebate – Custom, Strategic Energy Management, Block Bidding, Whole House Efficiency, Income-Eligible Multi-Family, the ME will be the annual value attributable to the installations reported monthly by the program implementer.

MAS = The sum of MC multiplied by ME for all measures in a program in the current calendar month.

CAS = Cumulative sum of MAS for each program for MEEIA Cycle 2

CM = Current calendar month

PM = Prior calendar month

HER = Monthly kWh savings for the Home Energy Reports program measured and reported monthly by the program implementer.

Measure – Energy efficiency measures described for each program attached as Appendix A.

Programs – MEEIA Cycle 2 programs listed in Tariff Sheet No. R-3.01 and added in accordance with the Commission's rule 4 CSR 240-20.094(4).

TRM – Company Technical Resource Manual (attached as Appendix F) and updated based on EM&V ex-post gross adjustments determined for Year 1 no later than 24 months after the commencement of Cycle 2.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1st Revised Sheet No. 138.6  
Canceling P.S.C. MO. No. 1                      Original Sheet No. 138.6  
KCP&L Greater Missouri Operations Company For Territories Served as L&P and MPS  
KANSAS CITY, MO

DEMAND SIDE INVESTMENT MECHANISM RIDER  
Schedule DSIM (Continued)

Earnings Opportunity Adjustments

The Earnings Opportunity shall be adjusted for the difference between the TD\$ billed and what the TD\$ billed would have been if:

- (1) The ME used in the calculation were the normalized savings for each measure at customer meter per measure determined through EM&V ex-post gross analysis for each program year, and,
- (2) The NTGF used in the calculation was the net-to-gross values determined through EM&V, except that if the NTG value determined through EM&V is less than 0.80, the recalculation shall use 0.80 and if the NTG value determined through EM&V is greater than 1.0, the recalculation shall use 1.0.
- (3) If the above adjustments are greater than the otherwise applicable Earnings Opportunity, these adjustments shall be limited to the value of the otherwise applicable Earnings Opportunity.
- (4) If the above adjustments plus the otherwise applicable Earnings Opportunity, are greater than \$20M, these adjustments shall be limited to the difference between the otherwise applicable Earnings Opportunity and \$20M.

Other DSIM Provisions

COMPANY shall file an update to NMR rates by month by class contemporaneous with filing any compliance tariff sheets in any general rate case reflecting the rates set in that case, and the billing determinants used in setting rates in that case.

Annual kWh savings per measure will be updated prospectively in KCP&L/GMO's TRM no later than 24 months after the commencement of the Plan based on EM&V ex-post gross adjustments determined for Year 1.

KCP&L/GMO shall each file a general rate case at some point before the end of year 5 of the Cycle 2 period to address the TD through the rebasing of revenues used to establish base rates, and if KCP&L/GMO fails to do so, the accrual and collection of the TD terminates beginning in year 6 of the Cycle 2 period. The Signatories agree that the filing of a rate case by each company utilizing an update or true-up period that ends between 30 months and 60 months after the effective date of the tariffs implementing MEEIA Cycle 2 satisfies this requirement.

**FILING:**

After the initial DSIM Rider rate adjustment filing, the Company shall make a DSIM Rider rate adjustment filing to take effect each August and February under the Term of this MEEIA Rider. DSIM Rider rate adjustment filings shall be made at least sixty (60) days prior to their effective dates.

**PRUDENCE REVIEWS:**

A prudence review shall be conducted no less frequently than at twenty-four (24) month intervals in accordance with 4 CSR 240-20.093(10). Any costs, which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this DSIM Rider, shall be returned to customers through an adjustment in the next DSIM Rider rate adjustment filing and reflected in factor OA above.

Issued: June 1, 2016  
Issued by: Darrin R. Ives, Vice President

Effective: August 1, 2016

FILED  
Missouri Public  
Service Commission  
ER-2016-0327; JE-2016-0345

DEMAND SIDE INVESTMENT MECHANISM RIDER Schedule DSIM (Continued)
---

**Discontinuing the DSIM:**

The Company reserves the right to discontinue the entire MEEIA Cycle 2 portfolio, if the Company determines that implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially and negatively impacted the economic viability of such programs as determined by the Company, upon no less than thirty days' notice to the Commission. As a result of these changes, the Company may file to discontinue this DSIM. Similar to Program discontinuance, the Company would file a notice indicating that it is discontinuing the DSIM Rider. This notice would include a methodology for recovery of any unrecovered Program Costs and TD.

**DEMAND SIDE INVESTMENT MECHANISM CHARGE:**

Effective upon Commission approval in Case No. EO-2015-0241 of MEEIA Cycle 2 Filing.

Current DSIM Components

Rate Schedule	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)	Total DSIM (\$/kWh)
Residential Service	\$0.00107	\$(0.00001)	\$0.00033	\$0.00000	\$0.00139
Non- Residential Service	\$0.00650	\$0.00052	\$0.00049	\$0.00000	\$0.00751

Transition Adjustment for MEEIA Cost Recovery and Base Rates to Recovery through the DSIM Effective for the Period February 1, 2017 through February 21, 2017:

Rate Schedule	Base DSIM* (\$/kWh)	Adjustment (\$/kWh)	Total DSIM* (\$/kWh)
Residential Service	\$0.00311	\$(0.00172)	\$0.00139
Non- Residential Service	\$0.00202	\$0.00549	\$0.00751

\*It is the intent of the Company to remove the Base DSIM (\$/kWh) from base tariffs in the Company's next rate case, Case No. ER-2016-0156, effective February 22, 2017. At such time as the Base DSIM (\$/kWh) in base rates is removed, the Total DSIM (\$/kWh) shall continue under this tariff and the rate shall be as identified above.

- Total DSIM (\$/kWh) per Case No. EO-2015-0241 (MEEIA Cycle 2) effective April 1, 2016. The Total DSIM includes any over / under recovery of the Base DSIM rate.
- Base DSIM (\$/kWh) per Case No. EO-2012-0009 as reflected in each base rate tariff sheet.

*Credits are shown in parentheses, e.g. (\$.05).*

Issued: December 1, 2016  
Issued by: Darrin R. Ives, Vice President

Effective: February 1, 2017

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1  
 Canceling P.S.C. MO. No. \_\_\_\_\_  
 KCP&L Greater Missouri Operations Company  
 KANSAS CITY, MO

Original Sheet No. 138.8  
 Original Sheet No. \_\_\_\_\_  
 For Territories Served as L&P and MPS

**DEMAND SIDE INVESTMENT MECHANISM RIDER**  
 Schedule DSIM (Continued)

**Net Margin Revenue Rates by Rate Class by Month & Earnings Opportunity Matrix:**

	January	February	March	April	May	June	July	August	September	October	November	December
RES Margin less fuel	\$0.04213	\$0.04346	\$0.04341	\$0.05014	\$0.05415	\$0.09378	\$0.09496	\$0.09506	\$0.09500	\$0.05233	\$0.05109	\$0.04383
SGS Margin less fuel	\$0.04105	\$0.04199	\$0.04167	\$0.04438	\$0.04512	\$0.06367	\$0.06163	\$0.06159	\$0.06179	\$0.04328	\$0.04447	\$0.04169
LGS Margin less fuel	\$0.02868	\$0.02884	\$0.02870	\$0.02924	\$0.02928	\$0.03831	\$0.03776	\$0.03771	\$0.03805	\$0.02883	\$0.02932	\$0.02896
LP Margin less fuel	\$0.01782	\$0.01796	\$0.01811	\$0.01806	\$0.01815	\$0.02081	\$0.02059	\$0.02053	\$0.02040	\$0.01784	\$0.01822	\$0.01788

Proposed Metric	GMO						
	Payout rate	Payout unit	% of Target EO	GMO 100% payout	GMO Cap	Cap/100% Multiplier	Target @ 100%
Opower: criteria will be effective, prudent spend of budget	N/A		5.06%	\$525,000	\$525,000		
EE & Tstat MWh (Excl. Opower, DRI, & IEMF): criteria will be the cumulative of the 1st yr incremental MWh during the 3 year plan	\$12.97	\$/MWh	19.17%	\$1,990,436	\$2,587,567	130%	153,464.602
EE Coincident MW (Excl. Opower, DRI, Tstat, & IEMF): criteria will be cumulative of the 1st year MW reduction during the 3 year plan, coincident with system peak	\$122,507.02	\$/MW	33.40%	\$3,468,419	\$5,202,628	150%	28.312
Thermostat MW impact: criteria will be cumulative of the MW reduction during 3 year plan, coincident with system peak	\$92,799.91	\$/MW	15.17%	\$1,575,000	\$2,362,500	150%	16.972
DR Incentive (DRI) MW of Ramping (growth from year 1 planned to year 3 actual) (year 1 is 10 MW - KCP&L-MO and 20 MW in GMO)	\$75,000.00	\$/MW	25.28%	\$2,625,000	\$3,412,500	130%	35.000
Income Eligible Multi-Family (IEMF): criteria will be effective, prudent spend of budget	N/A		1.93%	\$200,000	\$200,000		
			100%	\$10,383,855	\$14,290,195		
Total Cap Including TD Adjustments					\$20,000,000		

Note:

1. Targets based on cumulative savings at the meter
2. The payout rate will be multiplied by the payout unit up to the maximum
3. MWh & MW targets are rounded to the nearest kWh & kW
4. Payout rate rounded to the nearest \$0.01

Issued: March 16, 2016  
 Issued by: Darrin R. Ives, Vice President

Effective: ~~April 15, 2016~~  
 April 1, 2016