

**COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC APPLICATION OF KENTUCKY )  
POWER COMPANY FOR (1) A GENERAL )  
ADJUSTMENT OF ITS RATES FOR ELECTRIC )  
SERVICE; (2) AN ORDER APPROVING ITS 2017 ) Case No. 2017-00179  
ENVIRONMENTAL COMPLIANCE PLAN; (3) AN )  
ORDER APPROVING ITS TARIFFS AND RIDERS; )  
(4) AN ORDER APPROVING ACCOUNTING )  
PRACTICES TO ESTABLISH REGULATORY )  
ASSETS AND LIABILITIES; AND (5) AN ORDER )  
GRANTING ALL OTHER REQUIRED APPROVALS )  
AND RELIEF )**

**SECTION II  
FILING REQUIREMENTS**

**VOLUME 2 OF 7**

**June 28, 2017**

**P.S.C KY. NO. 11  
CANCELLING P.S.C. KY. NO. 10**

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**KENTUCKY POWER COMPANY  
855 CENTRAL AVENUE  
SUITE 200  
ASHLAND, KY 41101**

**RATES-CHARGES-RULES-REGULATIONS  
FOR FURNISHING**

**ELECTRIC SERVICE**

**IN THE KENTUCKY TERRITORY SERVED  
BY KENTUCKY POWER COMPANY  
AS STATED ON SHEET NO. 1**

**FILED WITH THE PUBLIC SERVICE COMMISSION  
OF  
KENTUCKY**

**DATE OF ISSUE: June 28, 2017  
DATE EFFECTIVE: July 29, 2017  
ISSUED BY: John A. Rogness III  
TITLE: Director Regulatory Services**

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<u>TITLE</u>	<u>INDEX (Cont'd)</u>	<u>SHEET NO.</u>
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THE ABOVE TARIFFS ARE APPLICABLE TO THE ENTIRE TERRITORY SERVED BY KENTUCKY POWER COMPANY IN BOYD, BREATHITT, CARTER, CLAY, ELLIOTT, FLOYD, GREENUP, JOHNSON, KNOTT, LAWRENCE, LESLIE, LETCHER, LEWIS, MAGOFFIN, MARTIN, MORGAN, OWSLEY, PERRY, PIKE AND ROWAN COUNTIES.

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**TERMS AND CONDITIONS OF SERVICE**

**1. APPLICATION.**

Applications may be made in writing, on-line, or via telephone for customers who wish to have the Company provide electric service. Requests for service are to be made in the Customer's legal name by telephone or on line at: www.kentuckypower.com. The Company has the right to reject any request for service based on 807 KAR 5:006 Section 15 and associated tariffs.

The Company may require verification of ownership of property, lease, applicant's identity or other requested information.

A copy of the tariffs and standard terms and conditions under which service is to be rendered to the Customer will be furnished upon request and the Customer shall elect upon which tariff applicable to his service his application shall be based. A copy of the tariff is also available on-line at www.kentuckypower.com.

If the Company requires a written agreement from a Customer before service will be commenced, a copy of the agreement will be furnished to the Customer upon request.

When the Customer desires delivery of energy at more than one point, a separate agreement may be required for each separate point of delivery. Service delivered at each point of delivery will be billed separately under the applicable tariff.

**2. INSPECTION.**

The Customer is responsible for the proper installation and maintenance of the customer's wiring and electrical equipment and the customer shall at all times be responsible for the character and condition thereof. The Company has no obligation to undertake inspection thereof and in no event shall be responsible therefore. However, the Company may disconnect or refuse to connect service if the customer's wiring is deemed unsafe by the Company.

Company may also require a new state electrical inspection should tampering, illegal use or theft of service be the basis for disconnection service.

Where a Customer's premises are located in a municipality or other governmental subdivision where inspection laws or ordinances are in effect, the Company may withhold furnishing service to new installations until the Company has received evidence that the inspection laws or ordinances have been complied with.

Where a Customer's premises are located outside of an area where inspection service is in effect, the Company may require the delivery by the Customer to the Company of an agreement duly signed by the owner and/or tenant of the premises authorizing the connection to the wiring system of the Customer and assuming responsibility therefore. No responsibility shall attach to the Company because of any waiver of this requirement.

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**3. SERVICE CONNECTIONS.**

Service connections will be provided in accordance with 807 KAR 5:041, Section 10.

The Customer should in all cases consult the Company before the Customer's premises are wired to determine the location of Company's point of service connection.

The Company will, when requested to furnish service, designate the location of its service connection. The Customer's wiring must, except for those cases listed below, be brought outside the building wall nearest the Company's service wires so as to be readily accessible thereto. When service is from an overhead system, the Customer's wiring must extend at least 18 inches beyond the building. Where Customers install service entrance facilities which have capacity and layout specified by the Company and/or install and use certain equipment specified by the Company, the Company may supply or offer to own certain facilities on the Customer's side of the point where the service wires attach to the building.

All inside wiring must be grounded in accordance with the requirements of the National Electrical Code or the requirements of any local inspection service authorized by a state or local authority.

When a Customer desires that energy be delivered at a point or in a manner other than that designated by the Company, the Customer shall pay the additional cost of same.

**4. DEPOSITS.**

Prior to providing service or at any time thereafter, the Company may require a cash deposit or other guaranty acceptable to the Company to secure payment of bills except for customers qualifying for service reconnection pursuant to 807 KAR 5:006, Section 16, Winter Hardship Reconnection. Service may be refused or discontinued for failure to pay the requested deposit. Upon request from a residential customer the deposit will be returned after 18 months if the customer has established a satisfactory payment record; but commercial deposits will be retained by the Company during the entire time that the account remains active.

**A. Interest**

Interest will be paid on all sums held on deposit at the rate indicated in KRS 278.460. The interest will be applied by the Company as a credit to the Customer's bill or will be paid to the Customer on an annual basis. If the deposit is refunded or credited to the Customer's bill prior to the deposit anniversary date, interest will be paid or credited to the Customer's bill on a pro-rated basis.

The Company will not pay interest on deposits after discontinuance of service to the Customer. Retention of any deposit or guaranty by the Company prior to final settlement is not a payment or partial payment of any bill for service. The Company shall have a reasonable time in which to obtain a final reading and to ascertain that the obligations of the Customer have been fully performed before being required to return any deposits.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

4. DEPOSITS. (Cont'd)

B. Criteria for Waiver of Deposit Requirement

The Company may waive any deposit requirement based upon the following criteria, which may be considered by the Company cumulatively:

1. Satisfactory payment history with the Company, which may be established by paying all bills by due date, having no disconnections for nonpayment, having no late notices, having no defaulted credit arrangements, having no returned payments and having no energy diversion or theft of service;
2. Satisfactory payment history with another utility acceptable to the Company;
3. Another customer with satisfactory payment history is willing to sign as a guarantor for an amount equal to the required deposit; or
4. Providing evidence of other collateral acceptable to Company.

C. Method of Determination

1. Calculated Deposits

- a. Deposit amounts paid by residential customers shall not exceed a calculated amount based upon actual usage data of the Customer at the same or similar premises for the most recent 12-month period, if such information is available. If the actual usage data is not available, the deposit amount shall be based on the average bills of similar customers and premises in the customer class. The deposit shall not exceed 2/12 of the Customer's actual or estimated annual bill.
- b. Deposit amounts paid by commercial and industrial customers shall not exceed a calculated amount based upon actual usage data of the customer at the same or similar premises for the most recent 12-month period, if such information is available. If the actual usage data is not available, the deposit amount shall be based on the typical bills of similar customers and premises in the customer class. The deposit shall not exceed 2/12 of the customer's actual or estimated annual bill.

D. Additional or Supplemental Deposit Requirement

An additional or supplemental deposit may be required if the Customer does not maintain a satisfactory credit criteria or payment history. If a change in usage or classification of service has occurred, the customer may be required to pay an additional deposit up to 2/12 of the annual usage. The Customer will receive a message on the bill informing the Customer that if the account is not current by the specified date listed an additional or supplement deposit will be charged to the account the next time the account is billed.

1. Satisfactory payment history is defined as paying all bills by due date, having no disconnections for nonpayment, having no, defaulted credit arrangements, having no returned payments and having no meter diversion or theft of service.
2. A nonresidential customer does not maintain satisfactory credit criteria when its credit score at any national independent credit rating service falls to a level that is deemed to present a risk of nonpayment, including but not limited to: below a "BB+" level at Standard and Poor's or below "Ba1" at Moody's. If a nonresidential customer is not rated by a national independent credit rating service, its credit may be evaluated by using credit scoring services, public record financial information, or financial scoring and modeling services, and if it is deemed that the customer presents a risk of nonpayment, a deposit may be required.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

4. DEPOSITS, (Cont'd.)

E. Recalculation of Customers Deposit

When a deposit is held longer than 18 months, the Customer may request that the deposit be recalculated based on the Customer's actual usage. If the amount of deposit on the account differs from the recalculated amount by more than \$10.00 for a residential Customer or 10 percent for a non-residential Customer, the Company may collect any underpayment and shall refund any overpayment. No refund will be made if the Customer's bill is delinquent at the time of the recalculation.

5. PAYMENTS,

Bills will be rendered by the Company to the Customer monthly or in accordance with the tariff selected applicable to the Customer's service.

A. Equal Payment Plan (Budget)

Residential Customers have the option of paying a fixed amount each month under the Company's Equal Payment Plan. The monthly payment amount will be based on one-twelfth of the Customers' estimated annual usage. The payment amount is subject to periodic review and adjustment during the budget year to more accurately reflect actual usage. The normal plan period is 12 months, which may commence April through December.

In the last month of the plan (the "settle-up month") if the actual usage during the plan period exceeds the amount billed, the Customer will be billed for the balance due. If an overpayment exists, the amount of overpayment will either be refunded to the Customer or credited to the last bill of the period. If a Customer discontinues service with the Company under the Equal Payment Plan, any amounts not yet paid shall become payable immediately.

If a Customer fails to pay bills as rendered under the Equal Payment Plan, the Company reserves the right to revoke the plan, restore the Customer to regular billing, require immediate payment of any deficiency, and require a cash deposit or other guaranty to secure payment of bills.

Customers currently enrolled in the Equal Payment Plan whose settle-up month falls within the period December through February may elect to change their settle-up month to November or March if their Equal Payment Plan account is current.

B. Average Monthly Payment Plan (Amp)

The Average Monthly Payment Plan (AMP Plan) is available to the following applicable tariffs; R.S.; R.S.D.; R.S.-L.M-T.O.D.; R.S.-T.O.D., Experimental R.S.-T.O.D 2; when mutually agreeable the AMP Plan may be offered by the Company to Customers serviced under other tariffs.

The AMP Plan is designed to allow the Customer to pay an average amount each month based upon the actual billed amounts during the past twelve (12) months. The average payment amount is based upon the current month's total bill plus the eleven (11) preceding months. That result is divided by the total billing days associated with the billings to determine a per day average. The daily average amount is multiplied by thirty (30) to determine the current month's payment under the AMP Plan. At the next billing period, the oldest month's billing history is removed, the current month's billing is added and the total is again divided by the total billing days associated with the billings to determine a per day average. Again the daily average amount is multiplied by thirty (30) to find the new average payment amount. The average monthly payment amount is calculated each and every month in this manner.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

5. PAYMENTS (Cont'd.)

The difference between the actual billings and the AMP Plan billings will be carried in a deferred balance. Both the debit and credit differences will accumulate in the deferred balance for the duration of the AMP Plan year, which is twelve consecutive billings months. At the end of the AMP Plan year (anniversary month), the current month's billing plus the eleven (11) preceding month's billing is summed and divided by the total billing days associated with the billings to determine a per day average. That result is multiplied by 30 to calculate the AMP Plan's monthly payment amount. In addition, the net accumulated deferred balance is divided by 12. This result is added or subtracted to the calculated average payment amount starting with the next billing of the new AMP plan year and will be used in the average payment amount calculation for the remaining AMP plan year. Settlement occurs only when participation in the AMP Plan is terminated. This happens if any account is final billed, if the customer requests termination, or at the Company's discretion when the customer fails to make two or more consecutive monthly payments on an account by the due date. The deferred balance (debit or credit) is then applied to the billing now due.

In such instances where sufficient billing history is not available, an AMP Plan may be established by using the actual billing history available throughout the first AMP Plan year.

C. All Payments.

All bills are payable within the time limits specified in the tariff. Failure to receive a bill will not entitle a Customer to any discount or to the remission of any charges for non-payment within the time specified. The word "month" as used herein and in the tariffs is hereby defined to be the elapsed time between 2 successive meter readings approximately 30 days apart.

In the event of the stoppage of or the failure of any meter to register the full amount of energy consumed, the Customer will be billed for the period based on an estimated consumption of energy in a similar period of like use.

The tariffs of the Company are met if the account of the Customer is paid within the time limit specified in the tariff applicable to the Customer's service. To discourage delinquency and encourage prompt payment within the specified time limit, certain tariffs contain a delayed payment charge, which may be added in accordance with the tariff under which service is provided. Any one delayed payment charge billed against the Customer for non-payment of bill or any one forfeited discount applied against the Customer for non-payment of bill may be remitted, provided the Customer's previous accounts are paid in full and provided no delayed payment charge or forfeited discount has been remitted under this clause during the preceding six months.

6. Payment Arrangements

In accordance with 807 KAR 5:006 Section 14(2), Kentucky Power shall negotiate and accept reasonable payment arrangements at the request of a residential customer who has received a termination notice for failure to pay. Payment arrangements will include the following reasonable provisions:

- 1) Partial Payment Plans are available up to the day prior to the termination date printed on a customer's termination notice.
- 2) Partial Payment Plans are available only for current balances and balances up to 30 days in arrears.
- 3) Any balance more than 30 days in arrears must be paid in full at least one business day prior to the date the Partial Payment Plan is established.
- 4) Customers with delinquent or otherwise unsatisfied Partial Payment Plans may not be eligible for a Partial Payment Plan.
- 5) Unpaid deposit amounts are not eligible for inclusion in a Partial Payment Plan.
- 6) Company reserves the right to refuse unverifiable third party pledges toward a customer's obligations under a Partial Payment Plan.
- 7) Customers shall be advised, in writing or by telephone, the date and the amount of payment(s) due. Service may be terminated without additional notice if the Customer fails to meet the obligations of the agreed plan.
- 8) It is the responsibility of the customer presenting the Medical Certificate to contact the Company to negotiate a payment arrangement based upon the customer's ability to pay. The payment arrangement shall require that the account become current not later than October 15.
- 9) Customers presenting Certification from the Cabinet for Health and Family Services must do so during the initial 10 day termination notice period. As a condition of the 30 day extension, the customer shall exhibit good faith by entering into a payment arrangement.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

7. UNDERGROUND SERVICE.

When a real estate developer desires an underground distribution system within the property which he is developing or when a Customer desires an underground service, the real estate developer or the Customer, as the case may be, shall pay the Company the difference between the anticipated cost of the underground facilities so requested and the cost of the overhead facilities which would ordinarily be installed in accordance with 807 KAR 5:041, Section 21, and the Company's underground service plan as filed with the Public Service Commission. Upon receipt of payment, the Company will install the underground facilities and will own, operate and maintain the same.

8. COMPANY'S LIABILITY

The Company will use reasonable diligence in furnishing a regular and uninterrupted supply of energy, but does not guarantee uninterrupted service. The Company shall not be liable for damages in case such supply should be interrupted or fail by reason of an event of Force Majeure. Force Majeure consists of an event or circumstance which prevents Company from providing service, which event or circumstance was not anticipated, which is not in the reasonable control of, or the result of negligence of, the Company, and which, by the exercise of due diligence, Company is unable to overcome or avoid or causes to be avoided. Force Majeure events includes act of God, the public enemy, accidents, labor disputes, orders or acts of civil or military authority, breakdowns or injury to the machinery, transmission lines, distribution lines or other facilities of the Company, or extraordinary repairs.

Unless otherwise provided in a contract between the Company and Customer, the point at which service is delivered by Company to Customer, to be known as "delivery point," shall be the point at which the Customer's facilities are connected to the Company's facilities. The metering device is the property of the Company. The meter base, connection, grounds and all associated internal parts inside the meter base are customer owned and are the responsibility of the customer to install and maintain. The Company shall not be liable for any loss, injury, or damage resulting from the Customer's use of their equipment or occasioned by the energy furnished by the Company beyond the delivery point.

Any new installation, upgrade or other modification of an existing meter installation shall be made using only Company supplied or approved meter bases. A list of Company-approved meter bases and specifications can be found on the Company's website at: [www.kentuckypower.com](http://www.kentuckypower.com).

The Customer shall provide and maintain suitable protective devices on their equipment to prevent any loss, injury or damage that might result from single phasing conditions or any other fluctuation or irregularity in the supply of energy. The Company shall not be liable for any loss, injury or damage resulting from a single phasing condition or any other fluctuation or irregularity in the supply of energy which could have been prevented by the use of such protective devices. The Company shall not be liable for any damages, whether direct, incidental or consequential, including, without limitation, loss of profits, loss of revenue, or loss of production capacity occasioned by interruptions, fluctuations, or irregularity in the supply of energy.

The Company is not responsible for loss or damage caused by the disconnection or reconnection of its facilities. The Company is not responsible for loss or damages caused by the theft or destruction of Company facilities by a third party.

The Company will provide and maintain the necessary line or service connections, transformers (when same are required by conditions of contract between the parties thereto), meters and other apparatus, which may be required for the proper measurement of and protection to its service. All such apparatus shall be and remain the property of the Company.

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**10. EXTENSION OF SERVICE (Cont'd)**

If the estimated revenue for one year is greater than the cost to serve as described herein, the Company may provide any new local facilities required at no cost to the Customer. If the estimated revenue for one year is less than the cost to serve as described herein, the Company will require the Customer to pay a contribution in aid of construction equal to the difference between the annual cost to serve as calculated and the estimated revenue for one year divided by 21.95%, but in no case to exceed the installed cost of the new facilities required. If, however, the annual cost to serve excluding the cost of new facilities paid for by the Customer exceeds the estimated revenue for one year, the Company, will, in addition to a contribution in aid of construction, require a special minimum or other arrangement to compensate the Company for such deficiency in revenue.

Except where service is rendered in accordance with 807 KAR 5:041, Section 11, as described herein, the company may require the Customer to execute an Advance and Refund Agreement where the Company reasonably questions the longevity of the service or the estimated energy use and demand requirements provided by the Customer. Under the Advance and Refund Agreement, the Customers shall pay the company the estimated total installed cost of the required new facilities which advance could be refunded over a five year period under certain circumstances. Over the five year period the Customer' electric bill would be credited each month up to the amount of 1/60<sup>th</sup> of the total amount advanced.

**11. EXTENSION OF SERVICE TO MOBILE HOME.**

The electrical facilities of the Company will be extended or expanded to supply electric service to mobile homes in accordance with 807 KAR 5:041, Section 12.

**12. LOCATION AND MAINTENANCE OF COMPANY'S EQUIPMENT.**

The Company shall have the right to construct its poles, lines and circuits on the property, and to place its transformers and other apparatus on the property or within the building of the Customer, at a point or points convenient for such purposes, as required to serve such Customer, and the Customer shall provide suitable space for the installation of necessary measuring instruments so that the latter may be protected from injury by the elements or through the negligence or deliberate acts of the Customer or of any employee of the same.

**13. BILLING FORM.**

Pursuant to 807 KAR 5:006, Section 7, copies of the billing forms used by the Company are shown on Sheet Nos. 2-17 thru 2-22.

**14. RATE SCHEDULE SELECTION.**

The Company will explain to the Customer, at the beginning of service or upon request the Company's rates available to the Customer. Company will assist Customer in the selection of the rate schedule best adapted to Customer's service requirements, provided, however, that Company does not assume responsibility for the selection or that Customer will at all times be served under the most favorable rate schedule.

Customer may change their initial rate schedule selection to another applicable rate schedule at any time by either written notice to Company and/or by executing a new contract for the rate schedule selected, provided that the application of such subsequent selection shall continue for 12 months before any other selection may be made. In no case will the Company refund any monetary difference between the rate schedule under which service was billed in prior periods and the newly selected rate schedule.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

15. MONITORING USAGE.

At least once quarterly the Company will monitor the usage of each customer according to the following procedure:

1. The Customer's monthly usage will be compared with the usage of the corresponding period of the previous year.
2. If the monthly usage for the two periods is substantially the same or if any difference is known to be attributed to unique circumstances, such as unusual weather conditions, common to all customers, no further review will be made.
3. If the monthly usage is not substantially the same and cannot be attributed to a readily identified common cause, the Company will compare the Customer's monthly usage records for the 12-month period with the monthly usage for the same months of the preceding year.
4. If the cause for the usage deviation cannot be determined from analysis of the Customer's meter reading and billing records, the Company will contact the Customer to determine whether there have been changes that explain the increased or decreased usage.
5. Where the deviation is not otherwise explained, the Company will test the Customer's meter to determine whether it shows an average error greater than 2 percent fast or slow.
6. The Company will notify the customers of the investigation, its findings, and any refunds or back billing in accordance with 807 KAR 5:006, Section 11(4) and (5).

In addition to the quarterly monitoring, the Company will immediately investigate usage deviations brought to its attention as a result of its on-going meter reading, billing processes, or customer inquiry.

16. USE OF ENERGY BY CUSTOMER.

The tariffs for electric energy given herein are classified by the character of use of such energy and are not available for service except as provided herein.

Upon the expiration of an electric service contract, if required by the terms of the tariff, the Customer may elect to renew the contract upon the same or another tariff published by the Company available to the Customer and applicable to the Customer's requirements, except that in no case shall the Company be required to maintain transmission, switching or transformation equipment different from or in addition to that generally furnished to other Customers receiving electrical supply under the terms of the tariff elected by the Customer.

The service connections, transformers, meters and appliances supplied by the Company for each Customer have a definite capacity and no additions to the equipment, or load connected thereto, will be allowed except by consent of the Company.

The Customer shall install only motors, apparatus or appliances which are suitable for operation with the character of the service supplied by the Company, and which shall not be detrimental to same, and the electric energy must not be used in such a manner as to cause unprovided for voltage fluctuations or disturbances in the Company's transmission or distribution system. The Company shall be the sole judge as to the suitability of apparatus or appliances, and also as to whether the operation of such apparatus or appliances is or will be detrimental to its general service.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

16. USE OF ENERGY BY CUSTOMER. (Cont'd)

No attachment of any kind whatsoever may be made to the Company's lines, poles, cross arms, structures or other facilities without the express written consent of the Company.

All apparatus used by the Customer shall be of such type as to secure the highest practicable commercial efficiency, power factor and the proper balancing of phases. Motors which are frequently started or motors arranged for automatic control must be of a type to give maximum starting torque with minimum current flow, and must be of a type, and equipped with controlling devices, approved by the Company. The Customer agrees to notify the Company of any increase or decrease in his connected load.

The Company will not supply service to Customers who have other sources of electrical energy supply except under tariffs, which specifically provide for same.

The Customer shall not be permitted to operate generating equipment in parallel with the Company's service except with express written consent of the Company.

Resale of energy will be permitted only with express written consent by the Company.

17. RESIDENTIAL SERVICE.

Except as otherwise provided in these tariffs, individual residences shall be served individually with single-phase service under the applicable residential service tariff. Customer may not take service for 2 or more separate residences through a single point of delivery under any tariff. Exclusions may be allowed pursuant to 807 KAR 5:046 (Prohibition of master metering).

The residential service tariff shall cease to apply to that portion of a residence which becomes regularly used for business, professional, institutional or gainful purposes, which requires three phase service or which requires service to motors in excess of 10 HP each. Under these circumstances, Customer shall have the choice of: (1) separating the wiring so that the residential portion of the premises is served through a separate meter under the residential service tariff and the other uses as enumerated above are served through a separate meter or meters under the applicable general service tariff; or (2) taking the entire service under the applicable general service tariff.

Detached building or buildings, actually appurtenant to the residence, such as a garage, stable or barn, may be served by an extension of the Customer's residence wiring through the residence meter and under the applicable residential service tariff.

18. DENIAL OR DISCONTINUANCE OF SERVICE.

The Company reserves the right to refuse service to any customer if the customer or any member of the customer's household, is indebted to the Company for any service theretofore rendered at any location; The Company reserves the right to disconnect service to any customer if the customer, or any member of the customer's household at service location is indebted to the Company for any service theretofore rendered at service location; however, the customer shall be notified in writing in accordance with 807 KAR 5:006, Section 15, before disconnection of service.

Any discontinuance of service shall not terminate the contract for electric service between the Company and the applicant or customer nor shall it abrogate any minimum charge, which may be effective.

(Cont'd on Sheet No. 2-11)

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

19. SPECIAL CHARGES.

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A. Reconnection and Disconnect Charges

In cases where the Company has discontinued service as herein provided for, the Company reserves the right to assess a reconnection charge pursuant to 807 KAR 5:006, Section 9 (3)(b), payable in advance, in accordance with the following schedule. However, those Customers qualifying for Winter Hardship Reconnection under 807 KAR 5:006 Section 16 shall be exempt from the reconnect charges.

1. Reconnect for nonpayment during regular hours..... \$ 21.00
2. Reconnect at the end of the day (No "Call Out" required)..... \$ 30.00
3. Reconnect for nonpayment when a "Call Out" is required prior to 10:00 PM  
(A "Call Out" is when an employee must be called in to work on overtime basis to make the reconnect trip. Reconnection for nonpayment will not be made when a "Call Out" after 10:00 p.m. is required)..... \$ 95.00
4. Reconnect for nonpayment when double time is required  
(Sunday and Holiday)..... \$ 124.00
5. Termination or field trip..... \$ 13.00

The reconnection charge for all Customers where service has been disconnected for fraudulent use of electricity will be the actual cost of the reconnection.

B. Meter Reading Check

Pursuant to 807 KAR 5:006, Section 9 (3) (d) in cases where a customer requests a meter be reread, and the second reading shows the original reading was correct, the Customer will be charged a fee of \$21.00 to cover the handling cost.

C. Returned Check Charge

In cases where a customer pays by check, which is later returned as unpaid by the bank for any reason, the Customer will be charged a fee of \$18.00 to cover the handling costs.

D. Meter Test Charge

Where test of a meter is made upon written request of the Customer pursuant to 807 KAR 5:006, Section 19, the Customer will be charged \$48.00 if such test shows that the meter was not more than two percent (2%) fast.

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

19. **SPECIAL CHARGES. Cont'd**

E. **Work performed on Company's Facilities at Customer's Requests**

Whenever, at the request and for the benefit of the Customer, work is performed on the Company's facilities, including the relocation, or replacement of the Company's facilities, the Customer shall pay to the Company in advance of the Company undertaking the work the estimated total cost of such work. This cost shall be itemized by major categories and shall include the Company's overheads and shall be credited with the net value of any salvageable material. The actual cost for the work performed shall be calculated at the completion of the work and the appropriate charge or refund will be made to the Customer

Reasonable notice of not less than three working days shall be given to the Company for all requested work except for the covering of the Company's lines. Notice of any request for the Company to cover its lines shall be given at least two days in advance. The Company will endeavor to comply with all timely requests, but work may be delayed because of demands on the Company's personnel and equipment.

If the cost, as calculated above, is \$500 or less for covering the Company's distribution facilities no charge will be imposed. All costs in excess of \$500 for covering the Company's distribution facilities shall be paid by the Customer, in advance of the Company undertaking the work. The actual cost for the work performed shall be calculated at the completion of the work and the appropriate charge or refund will be made to the customer.

20. **REFUNDS TO RESIDENTIAL CUSTOMERS.**

The Company may make a refund to residential customers by one of the following means: a credit to the Customers bill, a prepaid card, a check or electronic funds transfer (EFT).

The Company acting through its customer service representative shall fully address and resolve any customer complaints or disputes related to: (a) the accuracy of the names and last known addresses of the customer to receive prepaid cards; (b) the effective delivery and receipt of the prepaid cards; and (c) the amount of any refunds.

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**21. ALERTS AND SUBSCRIPTIONS.**

Kentucky Power offers an optional Mobile Alert Service for customers through which participating customers can elect to receive notifications from the Company via electronic mail or text message. The Company provides billing and payment alerts and alerts relating to outages. These alerts are supplemental to standard communications from the Company and to the extent any discrepancies exist between the information contained in the mobile alerts and the information contained in standard communications from the Company, the information in the standard communications from the Company shall prevail.

Customers interested in receiving mobile alerts from Kentucky Power may sign up for the service through the Company's website at [www.kentuckypower.com](http://www.kentuckypower.com). The full terms and conditions of participating in the Kentucky Power Mobile Alert Service are included on the Company's website.

There is no charge from the Company for the Mobile Alert Service; however, message and data rates may apply. Customers are advised to verify message and data rates with their cellular and internet service providers.

Information regarding the types of alerts and the Mobile Alert Service in general are provided below.

Billing and Payment Alerts

Billing and payment alerts provided through Kentucky Power's Mobile Alert Service are in addition to regular billing statements, payment notifications, disconnect notices, or other standard communications sent by Kentucky Power or its third party partners as required by law, regulation, or tariff filed by Kentucky Power or its subsidiaries. These alerts are not a replacement for any regular billing statement, payment notifications, disconnect notices, or other standard communications. In the event of a discrepancy between the information provided in a billing or payment alert provided through the Mobile Alert Service and the information provided in the Company's standard communication, the information in the standard communication shall prevail.

Kentucky Power shall not have any liability for any delay or failure to deliver a billing or payment alert or for any mistakes or errors in any billing or payment alert provided through the Mobile Alerts Service.

Outage Alerts

Kentucky Power provides alerts relating to system outages through its Mobile Alert Service. Outage alerts will be sent when the Company has evidence of an outage at a subscribed address. Due to variations in equipment from one area to another, it is possible that the accuracy of outage alerts will vary from one area to another. Recipients shall consider any outage related information as guidance and not as an absolute guarantee. Kentucky Power will send outage related notifications based upon available information and does not guarantee that the notifications will be without error.

Planned outages and short-duration outages will normally not generate an outage-related notification. During large-scale outage events, the frequency and timeliness of outage updates may be impacted.

Kentucky Power shall not have any liability for any delay or failure to deliver an outage related notification.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

21. ALERTS AND SUBSCRIPTIONS (Cont'd).

General

Kentucky Power does not warrant or guarantee that alerts will be sent or received, and Kentucky Power shall not be responsible for any lost or misdirected messages.

Customers electing to participate in Kentucky Power's Mobile Alert Service authorize the Company to contact them via the communication method elected with transactional messages pertaining to the service. Participation in the Mobile Alert Service shall be considered as affirmative consent to receive the related messages should these messages ever be classified as commercial in nature.

Kentucky Power shall not have any liability under any theory of recovery, whether in contract or tort, for any loss or damages due to delay or failure to deliver an alert through the Mobile Alert Service. Without limiting the previous sentence, Kentucky Power disclaims any liability, expressed or implied, for indirect or consequential damages arising from a customer's subscription to Kentucky Power's Mobile Alert Service.

Customer agrees not to publish, copy, communicate to the public, edit, retransmit, or amend any data received as part of Kentucky Power's Mobile Alert Service. The data communicated via the Mobile Alert Service is provided for the participating customer's personal non-commercial use only and may not be used for any other purpose.

Personal information and data ("Personal Data") provided by customers when using Kentucky Power's Mobile Alert Service will only be used by Kentucky Power and its suppliers and contractors for Mobile Alert Service-related purposes. Data other than Personal Data may be aggregated and used by the Company for the purpose of undertaking market research or in facilitating reviews, developments and improvements to Kentucky Power's Mobile Alert Service.

Customers participating in the Mobile Alert Service may discontinue a portion or all alerts at any time by modifying their alert subscription or by unsubscribing entirely. Customers wishing to modify or unsubscribe from the Mobile Alert Service may do so at the Company's website: [www.kentuckypower.com](http://www.kentuckypower.com) or by contacting Kentucky Power's Customer Operations Centers at 1-800-572-1113. Kentucky Power will process a request to unsubscribe from the Mobile Alert Service within ten days of receiving the request. Kentucky Power is authorized to send a communication to a customer requesting to unsubscribe from the Mobile Alert Service to confirm the request..

The terms and conditions the Company's Mobile Alert Service shall be governed by applicable state law.

Customers electing to participate in the Company's Mobile Alert Service agree to the terms and conditions of the service and further agree that the terms and conditions may be updated from time to time. The Company will provide customers participating in the Mobile Alert Service with updated terms and conditions as they become effective. Customers participating in the Mobile Alert Service must take affirmative action to withdraw from the service if the customer does not agree with any new or updated term or condition of service. Failure to withdraw after an updated term and condition is provided by the Company means that the customer accepts the new or updated terms and conditions.

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**21. ALERTS AND SUBSCRIPTIONS (Cont'd).**

Additional Terms and Conditions for E-mail Alerts

Customers wishing to participate in Kentucky Power's Mobile Alert Service and receive alerts via electronic mail should add "communications@kentuckypower-mail.com" to the customer's e-mail address book or spam filter to avoid alert communications from Kentucky Power being directed as spam. Customers are advised to contact their e-mail service provider for instructions on how to add addresses to an address book or spam filter if needed.

E-mail addresses from which alerts are sent through the Mobile Alert Service are used for sending e-mails only. Any e-mails sent to those addresses will not be received by the Company and the Company will not respond. Any communication to the Company should be sent to communications@kentuckypower-mail.com.

If a customer sends an email to Kentucky Power with questions or comments, Kentucky Power may use the customer's e-mail address and other personal information included in the correspondence in order to respond. If a customer provides the Company with an e-mail address in order to receive alerts, Kentucky Power may use that e-mail address to send the customer other types of information.

A customer may unsubscribe from receiving e-mail alerts by clicking the "Unsubscribe" link near the bottom of an e-mail alert.

Additional Terms and Conditions for Text Message Alerts

Customers may elect to receive text alerts through Kentucky Power's Mobile Alert Service. For text alerts, message and data rates may apply consistent with the customer's mobile phone service agreement. Kentucky Power assumes no responsibility for any service charges received from customer's mobile phone service providers for text alerts received through the Mobile Alert Service. Kentucky Power is not responsible for and will not be liable for any breach of the terms of an agreement between a customer electing to receive text alerts through the Mobile Alert System and that customer's mobile phone service provider or for any mistake that may arise in the billing process.

To receive text alerts from the Company through the Mobile Alert Service, the customer must be the owner or legitimate user of the mobile phone registered or have the express consent of the owner or legitimate user. Customers electing to receive text alerts from the Company through the Mobile Alert Service are responsible for providing and maintaining a mobile phone and ensuring connection to a mobile network capable of receiving the text alerts.

Customers electing to receive text alerts through the Mobile Alert Service acknowledge that the text alerts may, at any time, be adversely affected by problems with the mobile phone network including, without limitation, interference to the network coverage. Kentucky Power shall not be responsible or liable for any loss, damage, or expense incurred directly or indirectly by customers electing to receive text alerts through the Mobile Alert Service as a result of any difficulties experienced by any cellular phone service provider.

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**21. ALERTS AND SUBSCRIPTIONS (Cont'd).**

In the event a customer electing to receive text alerts through the Mobile Alert Service changes mobile phone service providers or their telephone number, that customer is required to subscribe again to receive text alerts. If no alerts are sent or received for eighteen months, a customer's opt-in to that offering will expire. A customer must opt-in again to the program in order to receive alerts.

Kentucky Power may discontinue text alerts at any time. Customers electing to receive text alerts through the Mobile Alert Service will receive text alerts from 23711. Customers may unsubscribe from text alerts by texting STOP to 23711 and may obtain assistance via text by texting HELP to 23711.

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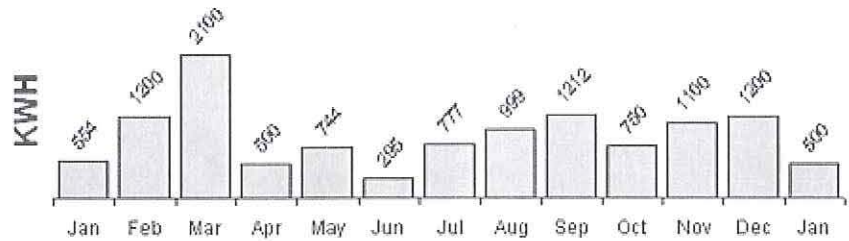
**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**Residential Bill Form Page 2**

Homeserve USA is optional. Homeserve USA is not the same as KPCO and is not regulated by the KY Public Service Commission. A customer does not have to buy the Warranty Service in order to continue to receive quality regulated service from KPCO.  
 www.kyelectricalprotectionplan.com  
 Visit us at www.KentuckyPower.com  
 Rates available on request  
 See other side for Important Information

Meter Number	Service Period		Meter Reading Detail			
999999999	From	To	Previous	Code	Current	Code
	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier X.XXXX			Metered Usage X,XXX KWH			
Next scheduled read date should be between MM/DD and MM/DD						

**13 Month Usage History** **Total KWH for Past 12 Months is XX,XXX**



Month	Total KWH	Days	KWH Per Day	Cost Per Day	Average Temperature
Current	XXX	XX	X,XXX	\$XXX.XX	66° F
Previous	XXX	XX	X,XXX	\$XXX.XX	66° F
One Year Ago	XXX	XX	X,XXX	\$XXX.XX	48° F
Your Average Monthly Usage: X,XXX KWH					

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**Small Commercial Bill Form – Page 2**

Having a phone number for this address can help us serve you better, especially when storms cause service interruptions.

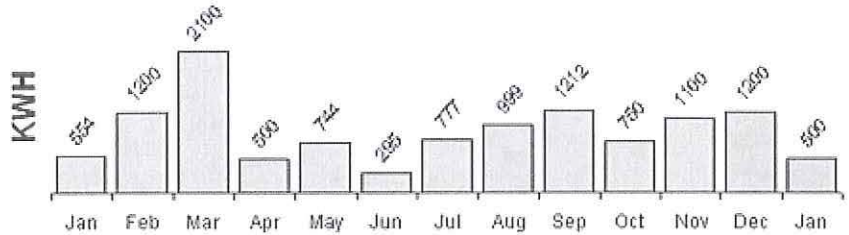
Visit us at [www.KentuckyPower.com](http://www.KentuckyPower.com)  
 Rates available on request  
 See other side for Important Information



Meter Number	Service Period		Meter Reading Detail			
999999999	From	To	Previous	Code	Current	Code
	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier X.XXXX			Metered Usage X,XXX KWH			
Next scheduled read date should be between MM/DD and MM/DD						

**13 Month Usage History**

**Total KWH for Past 12 Months is XX,XXX**



Month	Total KWH	Days	KWH Per Day	Cost Per Day	Average Temperature
Current	XXX	XX	X,XXX	\$XXX.XX	66° F
Previous	XXX	XX	X,XXX	\$XXX.XX	66° F
One Year Ago	XXX	XX	X,XXX	\$XXX.XX	48° F
Your Average Monthly Usage: X,XXX KWH					

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

Large Commercial and Industrial Bill Form – Page 2

Having a phone number for this address can help us serve you better, especially when storms cause service interruptions.

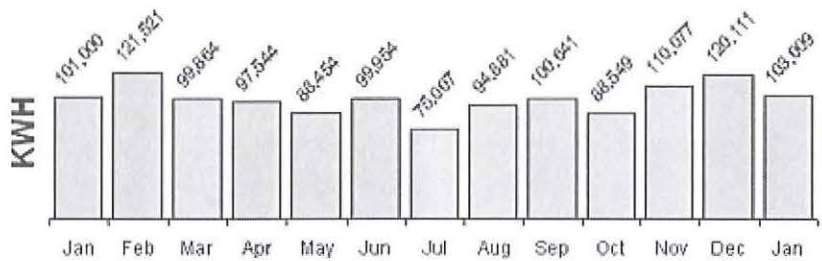
Visit us at [www.KentuckyPower.com](http://www.KentuckyPower.com)  
 Rates available on request  
 See other side for Important Information



Meter Number	Service Period		Meter Reading Detail			
	From	To	Previous	Code	Current	Code
999999999	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier XXX.XXXX			Metered Usage XXX,XXX KWH			
999999999	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier XXX.XXXX			Metered Usage XXX,XXX KW			
999999999	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier XXX.XXXX			Metered Usage XXX,XXX KVARH			
Next Scheduled read date should be between MM/DD and MM/DD						

13 Month Usage History

Total KWH for Past 12 Months is X,XXX,XXX



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**CAPACITY AND ENERGY CONTROL PROGRAM****INTRODUCTION**

Kentucky Power Company's Capacity and Energy Control Program outlines the procedures the Company will follow in the event of an emergency that threatens the continued reliable operation of bulk power supply system. Notwithstanding any provisions of this Capacity and Energy Control Program, the Company shall have the right to take whatever steps, with or without notice and without liability on Company's part, that Company believes necessary, in whatever order consistent with good utility practices and not on an unduly discriminatory basis, to preserve system integrity and to prevent the collapse of Company's electric system or interconnected electric network or to restore service following an outage. Such actions will be taken giving priority to maintaining service to Company's retail and full requirements customers relative to other sale whenever feasible and as allowed by law. The Company's Capacity and Energy Control Program consists of three sets of procedures:

- I. Procedures During Abnormal System Frequency
- II. Capacity Deficiency Program
- III. Energy Emergency Control Program

Specific details regarding the Company's Capacity and Energy Control Program are included in the Company's Emergency Operating Plan ("EOP"). A copy of the Company's current EOP is on file with the Kentucky Public Service Commission in Administrative Case No. 345. Where this tariff diverts from the Company's EOP, the EOP Plan shall govern.

**I. AEP/PJM PROCEDURES DURING ABNORMAL SYSTEM FREQUENCY (EOP Section IV)****A. PURPOSE**

Precautionary procedures are required to meet emergency conditions such as system separation and operation at subnormal frequency. In addition, the coordination of these emergency procedures with neighboring companies is essential. The AEP/PJM program described below, provides procedures for reducing the consumption of electric energy on the Company's system in the event of a period of abnormal system frequency.

**B. AEP/PJM PROCEDURES**

From 59.8 – 60.2 Hz, to the extent practicable, the Company will utilize all operating and emergency reserves. The manner of utilization of these reserves depends on the behavior of the System during the emergency.

For rapid frequency decline, the Company will utilize capacity that is on-line and automatically responsive to frequency (spinning reserve) and such measures as interconnection assistance and automatic load reductions to arrest the decline in frequency.

If the frequency decline is gradual, the Generation/Production Optimization Group, particularly in the deficient area, will invoke non-automatic procedures involving operating and emergency reserves. These efforts will continue until the frequency decline is arrested or until automatic load-shedding devices operate at subnormal frequencies. A deficient Balancing Authority shall only use the assistance provided by the Interconnection's frequency bias for the time needed to implement corrective actions. The Balancing Authority shall not unilaterally adjust generation in an attempt to return Interconnection frequency to normal beyond that supplied through frequency bias action and Interchange Schedule changes. Such unilateral adjustment may overload transmission facilities. At 59.75 Hz, the Company will suspend Automatic Generation Control (AGC) and notify Interruptible Customers to drop load.

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)****B. AEP/PJM PROCEDURES (Cont'd)**

If at any time the decline in area frequency is arrested below 59.5 Hz, the Company will evaluate whether the area should manually shed an additional 5% of its initial load. If, after five minutes, shedding 5% of load has not returned the area frequency to 59.5 Hz or above, the area shall manually shed an additional 5% of its remaining load and continue to repeat in five-minute intervals until 59.5 Hz is reached. These steps must be completed within the time constraints imposed upon the operation of generating units that are discussed in the EOP subsection titled, "Isolation of Coal-fired Generating Units."

Automatic Load Shedding Program details are located in Section IV of the Company's EOP.

**II. CAPACITY DEFICIENCY PROGRAM (EOP Section III)****A. PURPOSE**

The purpose of the Capacity Deficiency Program is to provide a plan for full utilization of emergency capacity resources and for orderly reduction in the aggregate customer demand on the American Electric Power (AEP) East/PJM Eastern System in the event of a capacity deficiency. A capacity deficiency is a shortage of generation versus load and can be caused by generating unit outages and/or extreme internal load requirements.

**B. AEP EAST/PJM PROCEDURES**

There are three general levels of emergency actions for capacity deficiencies:

- Alerts – issued in advance of the operating day for elevated awareness and to give time for advanced preparations
- Warnings – issued real time, typically preceding, and with an estimated time/window for a potential future ACTION.
- Actions – issued real time and requires PJM and/or Member response. PJM actions are consistent with NERC and RFC EOP standards.

The Company may also issue an Advisory, one or more days in advance of the operating day during which a capacity deficiency may occur, that are general in nature and are for elevated awareness only. No preparations or actions required in response to an Advisory.

**Alerts****Voluntary Customer Load Curtailment Alert**

The purpose of the Voluntary Customer Load Curtailment Alert is to alert members of the probable future need to implement a voluntary customer load curtailment. It is implemented whenever the estimated operating reserve capacity indicates a probable future need for voluntary customer load curtailment.

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**

**Real Time Emergency Procedures (Warnings and Actions)**

**Warnings**

Warnings are issued in real time during present operations to inform members of actual capacity shortages or contingencies that may jeopardize the reliable operation of the PJM RTO. Generally, a warning precedes an associated action. The intent of warnings is to keep all affected system personnel aware of the forecast and/or actual status of the PJM RTO.

**Actions**

The PJM RTO is normally loaded according to bid prices; however, during periods of reserve deficiencies, other measures must be taken to maintain system reliability. These measures involve:

- loading generation that is restricted for reasons other than cost
- recalling non-capacity backed off-system sales
- purchasing emergency energy from participants / surrounding pools
- load relief measures

The Company's EOP includes a nine step warning and action procedure during capacity deficiency conditions.

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)****C. PRIORITY LEVELS**

For the purpose of these capacity deficiency procedures, the following Priority Levels for loads have been established:

- I. Essential Health and Safety Uses – to be given special consideration in these procedures shall, insofar as the situation permits, include the following types of use:
  - a. Hospitals, which shall be limited to institutions providing medical care to patients.
  - b. Life Support Equipment, which shall be limited to kidney machines, respirators, and similar equipment used to sustain the life of a person.
  - c. Police Stations and Government Detention Institutions, which shall be limited to essential uses required for police activities and the operation of facilities used for the detention of persons.
  - d. Fire Stations, which shall be limited to facilities housing mobile fire-fighting apparatus.
  - e. Communication Services, which shall be limited to essential uses required for telephone, telegraph, television, radio and newspaper operations, and operation of state and local emergency services.
  - f. Water and Sewage Services, which shall be limited to essential uses required for the supply of water to a community, flood pumping and sewage disposal.
  - g. Transportation and Defense-related Services, which shall be limited to essential uses required for the operation, guidance control and navigation of air, rail and mass transit systems, including those uses essential to the nation defense and operation of state and local emergency services. These uses shall include essential services such as street, highway and signal-lighting.

Although, when practical, these types of uses will be given special consideration when implementing the manual load-shedding provisions of this program, any customer may be affected by rotating or unplanned outages and should install emergency generation equipment if continuity of service is essential. Where the emergency is system-wide in nature, consideration will be given to the use of rotating outages as operationally practicable. In case of customers supplied from two utility sources, only one source will be given special consideration. Also, any other customers who, in their opinion, have critical equipment should install emergency generation equipment.

Company maintains lists of customers with life support equipment and other critical needs for the purpose of curtailments and service restorations. Company, lacking knowledge of changes that may occur at any time in Customer's equipment, operation, and backup resources, does not assume the responsibility of identifying customers with priority needs. It shall, therefore, be Customer's responsibility to notify Company if Customer has critical needs.

(Cont'd on Sheet 3-5)

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)****C. PRIORITY LEVELS ( Cont'd)**

- II. Critical Commercial and Industrial Uses – Except as described in Section C.III below, these uses shall include commercial or industrial operations requiring regimented shutdowns to prevent conditions hazardous to the general population, and to energy utilities and their support facilities critical to the production, transportation, and distribution of service to the general population. Company shall maintain a list of such customers for the purpose of curtailments and service restoration.
- III. Residential Use – Residential use during certain weather conditions (for example severe winter weather) will receive precedence over critical commercial and industrial uses. The availability of Company service personnel and the circumstances associated with the outage will also be considered in the restoration of service.
- IV. Non-critical commercial and industrial uses.
- V. Nonessential Uses – The following and similar types of uses of electric energy shall be considered nonessential for all customers:
- a. Outdoor flood and advertising lighting, except for the minimum level to protect life and property, and a single illuminated sign identifying commercial facilities when operating after dark.
  - b. General interior lighting levels greater than minimum functional levels.
  - c. Show-window and display lighting.
  - d. Parking lot lighting above minimum functional levels.
  - e. Energy use to lower the temperature below 78 degrees during operation of cooling equipment and above 65 degrees during operation of heating equipment.
  - f. Elevator and escalator use in excess of the minimum necessary for non-peak hours of use.
  - g. Energy use greater than that which is the minimum required for lighting, heating, or cooling of commercial or industrial facilities for maintenance cleaning or business-related activities during non-business hours.

Non-jurisdictional customers will be treated in a manner consistent with the curtailment procedures contained in the service agreement between the parties or the applicable tariff.

**D. CURTAILMENT PROCEDURES**

In the event Company's load exceeds internal generation, transmission, or distribution capacity, or other system disturbances exist, and internal efforts have failed to alleviate the problem, including emergency energy purchases, the following steps may be taken, individually or in combination, in the order necessary as time permits:

(Cont'd on Sheet 3-6)

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**

**D. CURTAILMENT PROCEDURES (Cont'd)**

1. Customers having their own internal generation capacity will be curtailed, and customers on interruptible contracts will be curtailed for the maximum hours and load allowable under their contract. Nothing in this procedure shall limit Company's rights under the Contract Service – Interruptible Power Tariff or the Alternate Feed Service Rider.
2. Power output will be maximized at Company's generating units.
3. Company use of energy at its generating stations will be reduced to a minimum.
4. Company's use of electric energy in the operation of its offices and other facilities will be reduced to a minimum.
5. The Kentucky Public Service Commission will be advised of the situation.
6. An appeal will be made to customers through the news media and/or personal contact to voluntarily curtail as much load as possible. The appeal will emphasize the defined priority levels as set forth above.
7. Customers will be advised through the use of the news media and personal contact that load interruption is imminent.
8. Implement procedures for interruption of selected distribution circuits.

**E. SERVICE RESTORATION PROCEDURES**

Where practical, priority uses will be considered in restoring service and service will be restored in the order I through IV as defined under Priority Levels described above. However, because of the varieties of unpredictable circumstances which may exist or precipitate outages, it may be necessary to balance specific individual needs with infrastructure needs that affect a larger population. When practical, Company will attempt to provide estimates of repair times on its website to aid customers in assessing the need for alternative power sources and temporary relocations.

**II. ENERGY EMERGENCY CONTROL PROGRAM (EOP Section V)**

**A. INTRODUCTION**

The purpose of this plan is to provide for the reduction of the consumption of electric energy on the American Electric Power Company System in the event of a severe coal fuel shortage, such as might result from a general strike, or severe weather.

**B. PROCEDURES**

In the event of a potential severe coal shortage, such as one resulting from a general coal strike, the following steps will be implemented. These steps will be carried out to the extent permitted by contractual commitments or by order of the regulatory authorities having jurisdiction. For further information, see EOP Section V.

With regard to mandatory curtailments, the Company proposes to monitor compliance after the fact. A customer exceeding his electric allotment would be warned to curtail his usage or face, upon continuing noncompliance and upon one day's actual written notice, disconnection of electric service for the duration of the energy emergency.

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**STANDARD NOMINAL VOLTAGES**

The voltage available to any individual customer shall depend upon the voltage of the Company's lines serving the area in which customer is provided service.

Electric service provided under the Company's rate schedules will be 60 hertz alternating current delivered from various load centers at nominal voltages and phases as available in a given location as follows:

**SECONDARY DISTRIBUTION VOLTAGES.**

Residential Service

Single phase 120/240 volts three wire or 120/208 volts three wire on network system.

General Service - All Except Residential

Single-phase 120/240 volts three wire or 120/208 volts three wire on network system. Three-phase 120/208 volts four wire on network system, 120/240 volts four wire, 240 volts three wire, 480 volts three wire and 277/480 volts four wire, Single-phase 480 volts two wire, and Single-phase 240/480 volts three wire.

**PRIMARY DISTRIBUTION VOLTAGES.**

The Company's primary distribution voltage levels at load centers are 2,400; 4,160Y; 7,200; 12,470Y, 19,900 and 34,500Y.

**SUBTRANSMISSION LINE VOLTAGES.**

The Company's sub transmission voltage levels are 19,900; 34,500; 46,000; and 69,000.

**TRANSMISSION LINE VOLTAGES.**

The Company's transmission voltage levels are 138,000; 161,000; 345,000; and 765,000.

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**TARIFF F.A.C.**  
**(Fuel Adjustment Clause)**

**APPLICABLE.**

To Tariffs R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., R.S.-T.O.D. 2, G.S., R.S.D., S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S., C.S.-I.R.P., M.W., and S.L.

**RATE.**

1. The fuel clause shall provide for periodic adjustment per kwh of sales equal to the difference between the fuel costs per kwh of sales in the base period and in the current period according to the following formula:

$$\text{Adjustment Factor} = \frac{F(m) - F(b)}{S(m) - S(b)}$$

Where F is the expense of fossil fuel in the base (b) and current (m) periods; and S is sales in the base (b) and current (m) periods, all as defined below:

2. F(b)/S(b) shall be so determined that on the effective date of the Commission's approval of the utility's application of the formula, the resultant adjustment will be equal to zero (0).
3. Fuel costs (F) shall be the most recent actual monthly cost of:
  - a. Fossil fuel consumed in the utility's own plants, and the utility's share of fossil and nuclear fuel consumed in jointly owned or leased plants, plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of the fuel related substitute generation, plus
  - b. The actual identifiable fossil and nuclear fuel costs [if not known--the month used to calculate fuel (F), shall be deemed to be the same as the actual unit cost of the Company generation in the month said calculations are made. When actual costs become known, the difference, if any, between fuel costs (F) as calculated using such actual unit costs and the fuel costs (F) used in that month shall be accounted for in the current month's calculation of fuel costs (F)] associated with energy purchased for reasons other than identified in paragraph (c) below, but excluding the cost of fuel related to purchases to substitute the forced outages, plus
  - c. The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein may be such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy; and less
  - d. The cost of fossil fuel recovered through intersystem sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
  - e. The fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, and 2930.
  - f. All fuel costs shall be based on weighted average inventory costing.

(Cont'd on Sheet No. 5-2)

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**TARIFF F.A.C. (Cont'd)**  
**(Fuel Adjustment Clause)**

4. Forced outages are all nonscheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacturer, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection or acts of the public enemy, then the utility may, upon proper showing, with the approval of the Commission, include the fuel costs of substitute energy in the adjustment. Until such approval is obtained, in making the calculations of fuel costs (F) in subsection (3)(a) and (b) above, the forced outage costs to be subtracted shall be no less than the fuel cost related to the lost generation.
5. Sales (S) shall be all kwh's sold, excluding intersystem sales. Where, for any reason billed system sales cannot be coordinated with the fuel costs for the billing period, sales may be equated to the sum of (i) generation, (ii) purchases, (iii) interchange in, less (iv) energy associated with pumped storage operations, less (v) intersystem sales referred to in subsection (3)(d) above, less (vi) total system loss. Utility used energy shall not be excluded in the determination of sales (S).
6. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of the fuel itself and necessary charges for transportation of the fuel from the point of acquisition to the unloading point, as listed in Account 151 of FERC Uniform System of Accounts or Public Utilities and Licensees.
7. At the time the fuel clause is initially filed, the utility shall submit copies of each fossil fuel purchase contract not otherwise on file with the Commission and all other agreements, options or similar such documents, and all amendments and modifications thereof related to the procurement of fuel supply and purchased power. Incorporation by reference is permissible. Any changes in the documents, including price escalations, or any new agreements entered into after the initial submission, shall be submitted at the time they are entered into. Where fuel is purchased from utility-owned or controlled sources, or the contract contains a price escalation clause, those facts shall be noted and the utility shall explain and justify them in writing. Fuel charges, which are unreasonable, shall be disallowed and may result in the suspension of the fuel adjustment clause. The Commission on its own motion may investigate any aspect of fuel purchasing activities covered by this regulation.
8. Any tariff filing which contains a fuel clause shall conform that clause with this regulation within three (3) months of the effective date of this regulation. The tariff filing shall contain a description of the fuel clause with detailed cost support.
9. The monthly fuel adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
10. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS61.870 to 61.884.
11. At six (6) month intervals, the Commission will conduct public hearings on a utility's past fuel adjustments. The Commission will order a utility to charge off and amortize, by means of a temporary decrease of rates, any adjustment it finds unjustified due to improper calculation or application of the charges or improper fuel procurement practice.
12. Every two (2) years following the initial effective date of each utility fuel clause, the Commission in a public hearing will review and evaluate past operations of the clause, disallow improper expenses, and to the extent appropriate, reestablish the fuel clause charge in accordance with Subsection 2.
13. Resulting cost per kilowatt-hour in October 2014 to be used as the base cost in Standard Fuel Adjustment Clause is:

Fuel-	October 2014	÷	\$12,504,307	=	\$0.02725/kwh
Sales	October 2014		458,919,000		

This, as used in the Fuel Adjustment Clause, is 2.725¢ per kilowatt-hour.

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF R.S.  
(Residential Service)**

**AVAILABILITY OF SERVICE.**

Available for full domestic electric service through 1 (one) meter to individual residential customers including rural residential customers engaged principally in agricultural pursuits.

**RATE.** (Tariff Codes 015, 017, 022)

Service Charge.....	\$ 17.50 per month
Energy Charge: .....	10.853¢ per KWH

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Home Energy Assistance Program	Sheet No. 25
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**VOLUNTEER FIRE DEPARTMENTS** (Tariff Code 024)

Volunteer Fire Departments may qualify pursuant to KRS 278.172 for this tariff but will be required to provide a completed Form 990 and update it annually.

(Cont'd on Sheet No. 6-2)

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TARIFF R.S. (Cont'd)  
(Residential Service)

**STORAGE WATER HEATING PROVISION.**

This provision is withdrawn except for the present installations of current customers receiving service hereunder at premises served prior to April 1, 1997.

If the customer installs a Company approved storage water heating system which consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

Tariff Code

- 012 (a) For Minimum Capacity of 80 gallons, the last 300 KWH of use in any month shall be billed at 6.418¢ per KWH.
- 013 (b) For Minimum Capacity of 100 gallons, the last 400 KWH of use in any month shall be billed at 6.418¢ per KWH.
- 014 (c) For Minimum Capacity of 120 gallons or greater, the last 500 KWH of use in any month shall be billed at 6.418¢ per KWH.

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These provisions, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purpose of this provision, the on-peak billing period is defined as 7:00A.M. to 9:00P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00PM to 7:00AM for all weekdays and all hours of Saturday and Sunday.

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the storage water heater provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the Customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge, and the adjustment clauses as stated in the Adjustment Clauses section.

**LOAD MANAGEMENT WATER-HEATING PROVISION.** (Tariff Code 011)

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For residential customers who install a load management water-heating system which consumes electrical energy during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at 6.418¢ per KWH.

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This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

The Company reserves the right to inspect at all reasonable times the load management water-heating system(s) and devices which qualify the residence for service under the Load Management Water-Heating Provision. If the Company finds that, in its sole judgment, the availability conditions of this provision are being violated; it may discontinue billing the Customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge, and the adjustment clauses as stated in the Adjustment Clauses section.

(Cont'd on Sheet No. 6-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-3

**TARIFF R.S.(Cont'd)  
(Residential Service)**

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This service is available to rural domestic customers engaged principally in agricultural pursuits where service is taken through one meter for residential purposes as well as for the usual farm uses outside the home, but it is not extended to operations of a commercial nature or operations such as processing, preparing or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

The Company shall have the option of reading meters monthly or bimonthly and rendering bills accordingly. When bills are rendered bimonthly, the minimum charge and the quantity of KWH in each block of the rates shall be multiplied by two.

Pursuant to 807 KAR 5:041, Section 11, paragraph (1), of Public Service Commission Regulations, the Company will make an extension of 1,000 feet or less to its existing distribution line without charge for a prospective permanent residential customer served under this R.S. Tariff. Pursuant to 807 KAR 5:041 Section 12 extensions of up to 150 feet for a mobile home are provided without charge.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement.

(Cont'd. on Sheet No. 6-4)

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**TARIFF R.S.-L.M.-T.O.D.**  
**(Residential Service Load Management Time-of-Day)**

**AVAILABILITY OF SERVICE.**

Available to customers eligible for Tariff R.S. (Residential Service) who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours.

Households eligible to be served under this tariff shall be metered through a multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods.

**RATE.** (Tariff Codes 028, 030, 032, 034)

Service Charge.....	\$ 20.00 per month
Energy Charge:	
All KWH used during on-peak billing period.....	16.553¢ per KWH
All KWH used during off-peak billing period.....	6.418¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**CONSERVATION AND LOAD MANAGEMENT CREDIT.**

For the combination of an approved electric thermal storage space heating system and water heater, both of which are designed to consume electrical energy only between the hours of 9:00P.M. and 7:00A.M. for all days of the week, each residence will be credited 0.745¢ per KWH for all energy used during the off-peak billing period, for a total of 60 monthly billing periods following the installation and use of these devices in such residence.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Home Energy Assistance Program	Sheet No. 25
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

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KENTUCKY POWER COMPANY

.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-5  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-5

**TARIFF R.S.-L.M.-T.O.D.**  
**(Residential Service Load Management Time-of-Day)**

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**SEPARATE METERING PROVISION.**

Customers who use electric thermal storage space heating and water heaters which consume energy only during off-peak hours specified by the Company, or other automatically controlled load management devices such as space and/or water heating equipment that use energy only during off-peak hours specified by the Company, shall have the option of having these approved load management devices separately metered. The service charge for the separate meter shall be \$3.75 per month.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service. Existing customers may initially choose to take service under this tariff without satisfying any requirements to remain on their current tariff for at least 12 months.

The Company reserves the right to inspect at all reasonable times the energy storage and load management devices which qualify the residence for service and for conservation and load management credits under this tariff, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds, that in its sole judgment, the availability conditions of this tariff are being violated; it may discontinue billing the Customer under this tariff and commence billing under the appropriate Residential Service Tariff.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

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**TARIFF R.S. - T.O.D.**  
**(Residential Service Time-of-Day)**

**AVAILABILITY OF SERVICE.**

Available for residential electric service through a multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers, including residential customers engaged principally in agricultural pursuits. Availability is limited to the first 1,000 customers applying for service under this tariff.

**RATE.** (Tariff Code 036)

Service Charge..... \$ 20.00 per month  
Energy Charge:

All KWH used during on-peak billing period..... 16.553¢ per KWH  
All KWH used during off-peak billing period..... 6.418¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00A.M. to 9:00P.M. for all weekdays, Monday through Friday. The off-peak period is defined as 9:00P.M. to 7:00A.M. for all weekdays and all hours of Saturday and Sunday.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
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Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

(Cont'd on Sheet No. 6-7)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-7  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-7

**TARIFF R.S-T.O.D. (Cont'd)**  
**(Residential Service Time-of-Day)**

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

(Cont'd on Sheet 6-8)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF R.S. - T.O.D.2**  
 (Experimental Residential Service Time-of-Day 2)

**AVAILABILITY OF SERVICE.**

Available on a voluntary, experimental basis to individual residential customers for residential electric service through a multi-register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is limited to the first 500 customers applying for service under this tariff.

**RATE.** (Tariff Code 027)

Service Charge .....	\$20.00 per month
Energy Charge:	
All KWH used during Summer on-peak billing period .....	20.258¢ per KWH
All KWH used during Winter on-peak billing period .....	17.395¢ per KWH
All KWH used during off-peak billing period .....	8.902¢ per KWH

For the purpose of this tariff, the on-peak and off-peak billing periods shall be defined as follows:

<u>Months</u>	<u>On-Peak</u>	<u>Off-Peak</u>
Approximate Percent (%) Of Annual Hours	16%	84%
<u>Winter Period:</u>		
November 1 to March 31	7:00 A.M. to 11:00 A.M. 6:00 P.M. to 10:00 P.M.	11:00 AM. to 6:00 P.M. 10:00 P.M. to 7:00 A.M.
<u>Summer Period:</u>		
May 15 to September 15	Noon to 6:00 P.M.	6:00 P.M. to Noon
<u>All Other Calendar Periods</u>	None	Midnight to Midnight

NOTE: All KWH consumed during Saturday and Sunday are billed at the off-peak level.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Home Energy Assistance Program	Sheet No. 25
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

(Cont'd on Sheet No. 6-9)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-9  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-9

**TARIFF R.S. - T.O.D.2**  
**(Residential Service Time-of-Day 2)**

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

(Cont'd on Sheet No. 6-10)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF R. S. D.**  
**(Residential Demand-Metered Electric Service)**

**AVAILABILITY OF SERVICE.**

Available for residential electric service through one single-phase multiple-register demand meter. Availability is limited to the first 1,000 customers applying for service under this tariff.

**MONTHLY RATE.**

Service Charge . . . . . \$ 17.50 per customer

Energy Charge

All KWH used during on-peak billing period.....13.747¢ per KWH

All KWH used during off-peak billing period..... 7.418¢ per KWH

Demand Charge . . . . . \$4.44 for each KW of monthly billing demand

For the purpose of this tariff, the on-peak billing period is defined as follows:

Months of October – May.....7:00 A.M. to 11:00 A.M for all weekdays

Months of June – September .....4:00 P.M to 9:00 P.M for all weekdays

The off-peak billing period is defined as all weekday hours not defined above as on-peak hours and all hours of Saturday and Sunday.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Home Energy Assistance Program	Sheet No. 24
Kentucky Economic Development Program	Sheet No. 25
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**MONTHLY BILLING DEMAND.**

Customer's demand will be taken monthly to be the highest registration of a 15 minute integrating demand meter or indicator during the on-peak period.

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, and additional charge of 5% of the unpaid portion will be made.

(Cont'd on Sheet No. 6-11)

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TITLE: Director Regulatory Services

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-11  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 6-11

**TARIFF R.S. D. (Cont'd)**  
**( Residential Demand-Metered Electric Service)**

**SPECIAL TERMS AND CONDITIONS.**

This Rider is subject to the Company's Terms and Conditions of Service and all provisions of the tariff under which the customer takes service, including all payment provisions. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF G.S.  
 (General Service)**

**AVAILABILITY OF SERVICE.**

Available for general service customers. Customers may continue to qualify for service under this tariff until their normal maximum demand exceeds 100 kW. (excluding the demand served by the Load Management Time-of-Day provision).

Existing customers not meeting the above criteria will be permitted to continue service under present conditions only for continuous service at the premises occupied on or prior to December 5, 1984.

**RATE.**

Tariff Code	Service Voltage	Demand Charge (\$/kW)	First 4,450 kWh (¢/kWh)	Over 4,450 kWh (¢/kWh)	Monthly Service Charge (\$)
211, 212, 215, 216, 218	Secondary	7.84	10.483	10.355	22.50
217, 220	Primary	7.08	9.379	9.254	75.00
236	Subtransmission	5.75	7.667	7.544	364.00

The Demand Charge shall apply to all monthly billing demand in excess of 10 kW.

**MINIMUM CHARGE.**

This tariff is subject to a minimum charge equal to the sum of the service charge plus the demand charge multiplied by the monthly billing demand in excess of 10 kW.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet No. 7-2)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF G.S.  
 (General Service)**

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurements of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**MONTHLY BILLING DEMAND.**

Energy supplied hereunder will be delivered through not more than one single phase and/or polyphase meter. Customer's demand will be taken monthly to be the highest registration of a 15-minute integrating demand meter or indicator, or the highest registration of a thermal type demand meter. The monthly billing demand shall be the greater of: (1) Customer's metered kW demand, (2) 60% of the Customer's contract capacity in excess of 100 kW, or (3) 60% of the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

The Company reserves the right to install a demand meter on any customer receiving service under this tariff. A demand meter will be installed by the Company for customers with monthly kWh usage of 4,450 kWh or greater.

**RECREATIONAL LIGHTING SERVICE PROVISION.**

Available for service to customers with demands of 5 KW or greater and who own and maintain outdoor lighting facilities and associated equipment utilized at baseball diamonds, football stadiums, parks and other similar recreational areas. This service is available only during the hours between sunset and sunrise. Daytime use of energy under this rate is strictly forbidden except for the sole purpose of testing and maintaining the lighting system. All Terms and Conditions of Service applicable to Tariff G.S. customers will also apply to recreational lighting customers except for the Availability of Service.

**RATE.** (Tariff Code 214)

Service Charge .....	\$22.50 per month
Energy Charge.....	11.081¢ per KWH

(Cont'd on Sheet No. 7-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF G.S.  
(General Service) (Cont'd)**

**LOAD MANAGEMENT TIME-OF-DAY PROVISION.** (Tariff Code 223 and 225)

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.

**RATE.**

Service Charge .....	\$22.50 per month
Energy Charge:	
All KWH used during on-peak billing period .....	17.364¢ per KWH
All KWH used during off-peak billing period.....	6.418¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**OPTIONAL UNMETERED SERVICE PROVISION.**

Available to customers who qualify for Tariff SGS and use the Company's service for commercial purposes consisting of small fixed electric loads such as traffic signals and signboards which can be served by a standard service drop from the Company's existing secondary distribution system. This service will be furnished at the option of the Company.

Each separate service delivery point shall be considered a contract location and shall be separately billed under the service contract. In the event one Customer has several accounts for like service, the Company may meter one account to determine the appropriate kilowatt-hour usage applicable for each of the accounts.

The Customer shall furnish switching equipment satisfactory to the Company. The Customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the contract location thereafter under this provision, and shall be entitled to bill the customer retroactively on the basis of the increased load for the full period such load was connected or the earliest date allowed by Kentucky statute whichever is applicable.

Calculated energy use per month shall be equal to the contract capacity specified at the contract location times the number of days in the billing period times the specified hours of operation. Such calculated energy shall then be billed at the following rates:

**RATE.** (Tariff Codes 204 (Metered), 213 (Unmetered))

Customer Charge.....	\$13.50 per month
Energy Charge:	
First 500 KWH per month.....	10.483¢ per KWH
All Over 500 KWH per month.....	10.355¢ per KWH

(Cont'd on Sheet No. 7-4)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF G.S.  
(General Service) (Cont'd)**

**TERM OF CONTRACT.**

Contracts under this tariff may be required of customers. Contracts under this tariff will be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for periods of longer than 1 (one) year.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum demand in KW which the Company might be required to furnish, but no less than 10 KW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point of both their power and camp requirements.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.

(Cont'd on Sheet No. 7-5)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 7-5  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 7-5

**TARIFF S.G.S. – T.O.D.**  
 (Small General Service Time-of-Day Service)

**AVAILABILITY OF SERVICE.**

Available on a voluntary, basis for general service to customers being served at secondary distribution voltage with one single-phase, multi-register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is limited to the first 500 customers applying for service under this tariff.

Customers not meeting the requirements for availability under this tariff will only be permitted to continue service under this tariff at the premise occupied for continuous service beginning no later than June 30, 2015.

**RATE.** (Tariff Code 227)

Service Charge .....	\$22.50 per month
Energy Charge:	
All KWH used during Summer on-peak billing period .....	20.63¢ per KWH
All KWH used during Winter on-peak billing period .....	16.91¢ per KWH
All KWH used during off-peak billing period .....	8.617¢ per KWH

For the purpose of this tariff, the on-peak and off-peak billing periods shall be defined as follows:

<u>Months</u>	<u>On-Peak</u>	<u>Off-Peak</u>
Approximate Percent (%) Of Annual Hours	16%	84%
<u>Winter Period:</u> November 1 to March 31	7:00 A.M. to 11:00 A.M. 6:00 P.M. to 10:00 P.M.	11:00 A.M. to 6:00 P.M. 10:00 P.M. to 7:00 A.M.
<u>Summer Period:</u> May 15 to September 15	Noon to 6:00 P.M.	6:00 P.M. to Noon
<u>All Other Calendar Periods</u>	None	Midnight to Midnight

NOTE: All KWH consumed during weekends are billed at the off-peak level.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

(Cont'd on Sheet No. 7-6)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission  
In Case No. 2017-00179 Dated XXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 7-6  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 7-6

**TARIFF S.G.S.-T.O.D.**  
**(Small General Service Time-of-Day)**

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power productions facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

(Cont'd on Sheet No. 7-7)

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TITLE: Director Regulatory Services

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF M.G.S.-T.O.D.**  
**(Medium General Service Time-of-Day)**

**AVAILABILITY OF SERVICE.**

Available for general service to customers with normal maximum demands greater than 10 KW but not more than 100 KW. Availability is limited to the first 500 customers applying for service under this tariff.

**RATE.** (Tariff Code 229)

Service Charge .....	\$22.50 per month
Energy Charge. All KWH used during on-peak billing period .....	18.18¢ per KWH
All KWH used during off-peak billing period .....	6.418¢ per KWH

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For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday.  
The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

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**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

(Cont'd on Sheet No. 7-8)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXX

**TARIFF M.G.S.-T.O.D. (Cont'd)**  
**(Medium General Service Time-of-Day)**

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurements of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service. Existing customers may initially choose to take service under this tariff without satisfying any requirements to remain on their current tariff for at least 12 months.

Customers with PURPA Section 210 qualifying cogeneration and/or small power productions facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 8-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 8-1

**RESERVED FOR FUTURE USE**

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF L.G.S.**  
**(Large General Service)**

**AVAILABILITY OF SERVICE.**

Available for general service to customers with normal maximum demands greater than 100 KW but not more than 1,000 KW (excluding the demand served by the Load Management Time-of-Day provision).

Existing customers not meeting the above criteria will be permitted to continue service under present conditions only for continuous service at the premises occupied on or prior to December 5, 1984.

**RATE.**

Tariff Code	Service Voltage			
	Secondary 240, 242, 260	Primary 244, 246, 264	Subtransmission 248, 268	Transmission 250, 270
Service Charge per Month	\$ 85.00	\$ 127.50	\$ 679.00	\$ 679.00
Demand Charge per KW	\$ 7.84	\$ 7.08	\$ 5.75	\$ 5.61
Excess Reactive Charge per KVA	\$ 3.46	\$ 3.46	\$ 3.46	\$ 3.46
Energy Charge per KWH	8.611¢	7.580¢	5.892¢	5.778¢

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**MINIMUM CHARGE.**

Bills computed under the above rate are subject to a monthly minimum charge comprised of the sum of the service charge and the minimum demand charge. The minimum demand charge is the product of the demand charge per KW and the monthly billing demand.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

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**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

(Cont'd. On Sheet No. 9-2)

DATE OF ISSUE: June 28, 2017

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By Authority Of an Order of the Public Service Commission  
In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF L.G.S. (Cont'd.)  
(Large General Service)**

**MONTHLY BILLING DEMAND.**

Billing demand in KW shall be taken each month as the highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator, or at the Company's option as the highest registration of a thermal type demand meter or indicator. The monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contract capacity or (b) the customer's highest previously established monthly billing demand during the past 11 months.

**DETERMINATION OF EXCESS KILOVOLT-AMPERE (KVA) DEMAND.**

The maximum KVA demand shall be determined by the use of a multiplier equal to the reciprocal of the average power factor recorded during the billing month, leading or lagging, applied to the metered demand. The excess KVA demand, if any, shall be the amount by which the maximum KVA demand established during the billing period exceeds 115% of the kilowatts of metered demand.

**LOAD MANAGEMENT TIME-OF-DAY PROVISION.**

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.

**RATE.** (Tariff Code 251)

Service Charge .....	\$ 85.00 per month
Energy Charge:	
All KWH used during on-peak billing period .....	15.656¢ per KWH
All KWH used during off-peak billing period .....	6.419¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**TERM OF CONTRACT.**

Contracts under this tariff will be made for customers requiring a normal maximum monthly demand between 500 KW and 1,000 KW and be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts or periods greater than 1 (one) year. For customers with demands less than 500 KW, a contract may, at the Company's option, be required.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

**CONTRACT CAPACITY.**

The Customer shall set forth the amount of capacity contracted for (the "contract capacity") in an amount up to 1,000 KW. Contracts will be made in multiples of 25 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

(Cont'd on Sheet No. 9-3)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission  
In Case No. 2017-00179 Dated XXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 9-3

**TARIFF L.G.S. (Cont'd)**  
**(Large General Service)**

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 100 KW nor more than 1,000 KW. The Company shall not be obligated to supply demands in excess of the contract capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billings periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the customer purchases power at a single point for both his power and camp requirements.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.

(Cont'd on Sheet No. 9-4)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF L.G.S. TARIFF L.G.S. – T.O.D.**  
**(Large General Service – Time of Day)**

**AVAILABILITY OF SERVICE.**

Available for general service customers with normal maximum demands of 100 KW or greater. Customers may continue to qualify for service under this tariff until their 12-month average demand exceeds 1,000 KW. Availability is limited to the first 500 customers applying for service under this tariff.

**RATE.**

Tariff Code	Service Voltage			
	Secondary	Primary	Subtransmission	Transmission
	256	257	258	259
Service Charge per Month	\$ 85.00	\$ 127.50	\$ 679.00	\$ 679.00
Demand Charge per KW	\$ 10.21	\$ 7.47	\$ 1.58	\$ 1.55
Excessive Reactive Charge per KVA	\$ 3.46	\$ 3.46	\$ 3.46	\$ 3.46
On-Peak Energy Charge per KWH	11.538¢	11.096¢	10.950¢	10.798¢
Off-Peak Energy Charge per KWH	4.438¢	4.306¢	4.262¢	4.217¢

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For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M., for all weekdays Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**MINIMUM CHARGE.**

Bills computed under the above rate are subject to a monthly minimum charge comprised of the sum of the service charge and the minimum demand charge. The minimum demand charge is the product of the demand charge per KW and the monthly billing demand.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

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**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

(Cont'd on Sheet No. 9-5)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF L.G.S. – T.O.D. (Cont'd)**  
**(Large General Service – Time of Day)**

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**MONTHLY BILLING DEMAND.**

Billing demand in KW shall be taken each month as the highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator, or at the Company's option as the highest registration of a thermal type demand meter or indicator. The monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contract capacity or (b) the customer's highest previously established monthly billing demand during the past 11 months.

**DETERMINATION OF EXCESS KILOVOLT-AMPERE (KVA) DEMAND.**

The maximum KVA demand shall be determined by the use of a multiplier equal to the reciprocal of the average power factor recorded during the billing month, leading or lagging, applied to the metered demand. The excess KVA demand, if any, shall be the amount by which the maximum KVA demand established during the billing period exceeds 115% of the kilowatts of metered demand.

**TERM OF CONTRACT.**

Contracts under this tariff will be made for customers requiring a normal maximum monthly demand between 500 KW and 1,000 KW and be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts or periods greater than 1 (one) year. For customers with demands less than 500 KW, a contract may, at the Company's option, be required.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

**CONTRACT CAPACITY.**

The Customer shall set forth the amount of capacity contracted for (the "contract capacity") in an amount up to 1,000 KW. Contracts will be made in multiples of 25 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

(Cont'd on Sheet 9-6)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

**TARIFF L.G.S. – T.O.D. (Cont'd)**  
**(Large General Service – Time of Day)**

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 100 KW nor more than 1,000 KW. The Company shall not be obligated to supply demands in excess of the contract capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billings periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the customer purchases power at a single point for both his power and camp requirements.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF I.G.S.  
 (Industrial General Service)**

**AVAILABILITY OF SERVICE.**

Available for commercial and industrial customers with contract demands of at least 1,000 KW. Customers shall contract for a definite amount of electrical capacity in kilowatts, which shall be sufficient to meet normal maximum requirements.

**RATE.**

	<u>Secondary</u>	<u>Primary</u>	<u>Service Voltage Subtransmission</u>	<u>Transmission</u>	
Tariff Code	356	358/370	359/371	360/372	<b>TTT</b>
Service Charge per month	\$ 276.00	\$ 276.00	\$ 794.00	\$ 1,353.00	<b>IIII</b>
Demand Charge per KW					<b>IIII</b>
Of monthly on-peak billing demand	\$ 25.35	\$ 22.02	\$ 15.56	\$ 15.12	<b>IIII</b>
Of monthly off-peak billing demand	\$ 1.66	\$ 1.61	\$ 1.58	\$ 1.55	<b>IIII</b>
Energy Charge per KWH	3.075¢	2.959¢	2.918¢	2.878¢	<b>RRRR</b>

Reactive Demand Charge for each kilovar of maximum leading or lagging reactive demand in excess of 50 percent of the KW of monthly metered demand ..... \$0.69/ KVAR

For the purpose of this tariff, the on-peak billing period is defined as 7:00 AM to 9:00 PM for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays and all hours of Saturday and Sunday.

**MINIMUM DEMAND CHARGE.**

The minimum demand charge shall be equal to the minimum billing demand times the following minimum demand rates:

<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	<u>Transmission</u>	
\$27.10/KW	\$ 23.72 /KW	\$17.23/KW	\$16.76/KW	<b>IIII</b>

The minimum billing demand shall be the greater of 60% of the contract capacity set forth on the contract for electric service or 60% of the highest billing demand, on-peak or off-peak, recorded during the previous eleven months.

**MINIMUM CHARGE.**

This tariff is subject to a minimum charge equal to the Service Charge plus the Minimum Demand Charge.

(Cont'd. on Sheet No. 10-2)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF I.G.S.  
(Industrial General Service)**

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KVA values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**MONTHLY BILLING DEMAND.**

The monthly on-peak and off-peak billing demands in KW shall be taken each month as the highest single 15-minute integrated peak in KW as registered by a demand meter during the on-peak and off-peak billing periods, respectively.

The reactive demand in KVARs shall be taken each month as the highest single 15-minute integrated peak in KVARs as registered during the month by a demand meter or indicator.

**TERM OF CONTRACT.**

Contracts under this tariff will be made for an initial period of not less than two years and shall remain in effect thereafter until either party shall give at least 12 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than two years.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

(Cont'd on Sheet No. 10-3)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF I.G.S.  
(Industrial General Service)**

**CONTRACT CAPACITY**

The Customer shall set forth the amount of capacity contracted for ("the contract capacity") in an amount equal to or greater than 1,000 KW in multiples of 100 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for resale service to mining and industrial Customers who furnish service to Customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point for both the power and camp requirements.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum amount of demand in KW which the Company might be required to furnish, but not less than 1,000 KW. The Company shall not be obligated to supply demands in excess of that contracted capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

Customer with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP II or by special agreement with the Company.

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

**TARIFF C.S.-COAL**  
**(Contract Service – Coal Power)**

**AVAILABILITY OF SERVICE.**

Available for service to customers engaged in the extraction or processing of coal. This tariff is available for new customers and for load expansions of existing customers who contract for service with the Company. The Company reserves the right to limit the total contract capacity for all customers served under this Tariff to 60,000 kW.

**CONDITIONS OF SERVICE.**

The Company will offer eligible customers the option to receive service pursuant to a contract agreed to by the Company and the Customer. Any such contract will be filed with the Commission and is subject to approval by the Commission. The Company will work with the Customer to provide limited exceptions to tariff provisions in areas of, but not limited to, demand charges and hours or days of operation.

Upon receipt of a request from the Customer for new or additional service, the Company will provide the Customer with a written offer containing the rates and related terms and conditions of service under which such service will be provided by the Company. If the parties reach an agreement based upon the offer provided to the Customer by the Company, such written contract will be filed with the Commission. The contract shall provide full disclosure of all rates, terms and conditions of service under this Tariff, and any and all agreements related thereto, subject to the designation of the terms and conditions of the contract as confidential, as set forth herein. The contract will become effective only upon approval by the Commission.

The Customer shall contract for capacity sufficient to meet normal maximum power requirements, but in no event will the amount contracted for be less than 1,000 KW at any delivery point.

**RATE.**

Charges for service under this Tariff will be set forth in the written agreement between the Company and the Customer.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

(Cont'd. On Sheet No. 11-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF C.S.-COAL**  
(Contract Service – Coal Power)

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**TERM OF CONTRACT.**

The length of the agreement and the terms and conditions of service will be stated in the agreement between the Company and the Customer.

**CONFIDENTIALITY.**

All terms and conditions of any written contract under this Tariff shall be protected from disclosure as confidential, proprietary trade secrets, if either the Customer or the Company requests a Commission determination of confidentiality pursuant to 807KAR 5:001, Section 7 and the request is granted.

**SPECIAL TERMS AND CONDITIONS.**

Except as otherwise provided in the written agreement, this Tariff is subject to the Company's Terms and Conditions of Service.

Should a new or additional deposit be required pursuant to the Company's Terms and Conditions of Service, Customers receiving service under this Tariff have the option to pay such deposit by making twelve equally monthly payments of one-twelfth of the deposit during the first year of service under this Tariff.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist, the Customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 1,000 KW.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP II or by special agreement with the Company.

Tariff C.S.-Coal shall expire on December 31, 2017

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On and After July 29, 2017

ISSUED BY: JOHN.A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF C.S.-I.R.P.**  
**(Contract Service - Interruptible Power)**

**AVAILABILITY OF SERVICE.**

Available for service to customers who contract for service under the Company's Industrial General Service (I.G.S.) tariff. The Company reserves the right to limit the total contract capacity for all customers served under this Tariff to 75,000kW.

Loads of new customers locating within the Company's service area or load expansions by existing customers may be offered interruptible service as part of an economic development incentive. Such interruptible service shall not be counted toward the limitation on total interruptible power contract capacity, as specified above, and will not result in a change to the limitation on total interruptible power contract capacity.

**CONDITIONS OF SERVICE.**

The Company will offer eligible customers the option to receive interruptible power service. This interruptible service will be consistent with PJM's Limited Demand Response, Emergency – Capacity Only Program, subject to any limitations on the availability of that Program by PJM. If insufficient MWs are available for PJM enrollment by Kentucky Power, the Company shall offer to substitute one of the other PJM Emergency Demand Response Programs that is available. To be eligible for the credit, customers must be able to provide interruptible load (not including behind the meter diesel generation) of at least one (1) MW at a single site and commit to a minimum four (4) year contract term. The contract shall provide that 90 days prior to each contract anniversary date, the customer shall re-nominate the amount of interruptible load for the upcoming contract year, except that the cumulative reductions over the life of the contract shall not exceed 20% of the original interruptible load nominated under the contract. If no re-nomination is received at least 90 days prior to the contract anniversary date, the prior year's interruptible load shall apply for the forthcoming contract year.

Upon receipt of a request from the Customer for interruptible service, the Company will provide the Customer with a written offer containing the rates and related terms and conditions of service under which such service will be provided by the Company. If the parties reach an agreement based upon the offer provided to the Customer by the Company, such written contract will be filed with the Commission. The contract shall provide full disclosure of all rates, terms and conditions of service under this Tariff, and any and all agreements related thereto, subject to the designation of the terms and conditions of the contract as confidential, as set forth herein.

The Customer shall provide reasonable evidence to the Company that the Customer's electric service can be interrupted in accordance with the provisions of the written agreement including, but not limited to, the specific steps to be taken and equipment to be curtailed upon a request for interruption.

The Customer shall contract for capacity sufficient to meet normal maximum interruptible power requirements, but in no event will the interruptible amount contracted for be less than 1,000 KW at any delivery point.

**SPECIAL PROVISIONS FOR COAL MINING CUSTOMERS**

Notwithstanding other provisions of this Tariff, customers engaged in the extraction or processing of coal must be able to provide interruptible load (not including behind the meter diesel generation) of at least one (1) MW at a single site and commit to a minimum two (2) year contract term. Following the permanent cessation of coal extraction or processing activity, or both as applicable, for a continuous period of six (6) months, the contract may be terminated by the Customer upon written notice to the Company. The minimum period for the Customer to give written notice of termination following the permanent cessation of coal extraction or processing activity, or both as applicable, for a continuous period of six (6) months shall be the lesser of: (a) the remaining term of the contract; or (b) two months.

This Special Provision for Customers Engaged in Coal Extraction or Processing Activities shall expire in December 31, 2017.

(Cont'd on Sheet No. 12-2)

DATE OF ISSUE June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2017-00179 Dated XXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 12-2  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 12-2

**TARIFF C.S.-I.R.P.**  
**(Contract Service - Interruptible Power) (Cont'd.)**

**RATE.**

Credits under this tariff of \$3.68/kW/month will be provided for interruptible load that qualifies under PJM's rules as capacity for the purpose of the Company's Fixed Resource Requirement (FRR) obligation.

<u>Tariff</u>	<u>Tariff Type</u>	<u>Tariff Code Description</u>	<u>Tariff Description</u>
321	IR	CS-IRP SEC	IRP-IGS SECONDARY
330	IR	CS-IRP PR	IRP-IGS PRIMARY
331	IR	CS-IRP-ST	IRP-IGS SUBTRANSMISSION
332	IR	CS-JRP TR	IRP-IGS TRANSMISSION

Charges for service under this Tariff will be set forth in the written agreement between the Company and the Customer and will reflect the firm service rates otherwise available to the Customer.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet No. 12-3)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

**TARIFF C.S.-I.R.P.**  
**(Contract Service - Interruptible Power) (Cont'd.)**

**CONFIDENTIALITY.**

All terms and conditions of any written contract under this Tariff shall be protected from disclosure as confidential, proprietary trade secrets, if either the Customer or the Company requests a Commission determination of confidentiality pursuant to 807 KAR 5:001 Section 7 and the request is granted.

**SPECIAL TERMS AND CONDITIONS**

Except as otherwise provided in the written agreement, this Tariff is subject to the Company's Terms and Conditions of Service.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist, the Customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 1,000 KW.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP II or by special agreement with the Company.

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXX

**TARIFF M.W.  
(Municipal Waterworks)**

**AVAILABILITY OF SERVICE.**

Available only to incorporated cities and towns and authorized water districts and to utility companies operating under the jurisdiction of Public Service Commission of Kentucky for the supply of electric energy to waterworks systems and sewage disposal systems served under this tariff on September 1, 1982, and only for continuous service at the premises occupied by the Customer on this date. If service hereunder is discontinued, it shall not again be available.

Customer shall contract with the Company for a reservation in capacity in kilovolt-amperes sufficient to meet with the maximum load, which the Company may be required to furnish.

**RATE.** (Tariff Code 540)

Service Charge .....	\$ 22.90 per month
Energy Charge:	
All KWH Used Per Month .....	9.922¢ per KWH

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the sum of the service charge plus \$8.89 per KVA as determined from customer's total connected load.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**PAYMENT.**

Bills will be rendered monthly and will be due and payable on or before the due date stated on the bill.

**TERM OF CONTRACT.**

Contracts under this tariff will be made for not less than (1) one year with self-renewal provisions for successive periods of (1) one year each until either party shall give at least 60 days' written notice to the other of the intention to discontinue at the end of any yearly period. The Company will have the right to require contracts for periods of longer than (1) one year.

(Cont'd on Sheet No. 13-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission  
in Case No. 2017-00179 Dated XXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 13-2  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 13-2

**TARIFF M.W. (Cont'd)**  
**(Municipal Waterworks)**

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is not available to customers having other sources of energy supply.

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF O.L.**  
**(Outdoor Lighting)**

AVAILABILITY OF SERVICE.

Available for outdoor lighting to individual customers in locations where municipal street lighting is not applicable.

RATE.

A. OVERHEAD LIGHTING SERVICE

Tariff  
Code

	1.	High Pressure Sodium			
094		100 watts ( 9,500 Lumens).....	\$ 9.50	per lamp	
113		150 watts ( 16,000 Lumens).....	\$ 10.50	per lamp	
097		200 watts ( 22,000 Lumens).....	\$ 11.85	per lamp	
103		250 watts ( 28,000 Lumens).....	\$ 15.64	per lamp	
098		400 watts ( 50,000 Lumens).....	\$ 17.46	per lamp	
	2.	Mercury Vapor			
093*		175 watts ( 7,000 Lumens).....	\$ 9.59	per lamp	
095*		400 watts ( 20,000 Lumens).....	\$ 15.59	per lamp	

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Company will provide lamp, photo-electric relay control equipment, luminaries and upsweep arm not over six feet in length, and will mount same on an existing pole carrying secondary circuits.

B. POST-TOP LIGHTING SERVICE

Tariff  
Code

	1.	High Pressure Sodium			
111		100 watts (9,500 Lumens).....	\$ 15.20	per lamp	
122		150 watts (16,000 Lumens).....	\$ 25.10	per lamp	
121		100 watts Shoe Box ( 9,500 Lumens).....	\$ 30.25	per lamp	
120		250 watts Shoe Box ( 28,000 Lumens) .....	\$ 27.04	per lamp	
126		400 watts Shoe Box ( 50,000 Lumens) .....	\$ 37.36	per lamp	
	2.	Mercury Vapor			
099*		175 watts (7,000 Lumens).....	\$ 11.29	per lamp	

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\*Effective June 29, 2010 and thereafter these lamps are not available for new installations

Company will provide lamp photo-electric relay control equipment, luminaries, post, and installation including underground wiring for a distance of thirty feet from the Company's existing secondary circuits. Incremental costs of installation beyond thirty feet shall be the responsibility of the customer.

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(Cont'd on Sheet 14-2)

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In Case No. 2017-00179 Dated XXXX

**TARIFF O.L. (Cont'd.)  
 (Outdoor Lighting)**

**RATE. (Cont'd.)**

C. FLOOD LIGHTING SERVICE

Tariff  
 Code

1. High Pressure Sodium			
107	200 watts (22,000 Lumens).....	\$ 14.30	per lamp
109	400 watts (50,000 Lumens).....	\$ 20.49	per lamp
2. Metal Halide			
110	250 watts (20,500 Lumens).....	\$ 17.02	per lamp
116	400 watts (36,000 Lumens).....	\$ 20.64	per lamp
131	1000 watts (110,000 Lumens) .....	\$ 35.54	per lamp
130	250 watts Mongoose (19,000 Lumens) .....	\$ 21.27	per lamp
136	400 watts Mongoose (40,000 Lumens) .....	\$ 24.54	per lamp

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Company will provide lamp, photoelectric relay control equipment, luminaries, mounting bracket, and mount same on an existing pole carrying secondary circuits.

When new or additional facilities, other than those specified in Paragraphs A, B, and C, are to be installed by the Company, the customer in addition to the monthly charges, shall pay in advance the installation cost (labor and material) of such additional facilities extending from the nearest or most suitable pole of the Company to the point designated by the customer for the installation of said lamp, except that customer may, for the following facilities only, elect, in lieu of such payment of the installation cost to pay:

Wood pole.....	\$ 3.60	per month
Overhead wire span not over 150 feet.....	\$ 2.10	per month
Underground wire lateral not over 50 feet.....	\$ 7.80	per month
(Price includes pole riser and connections)		

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**BASE FUEL RATE.**

Customers receiving service under this tariff will receive bills calculated using per lamp and base fuel charge. The base fuel charge will be calculated each month by multiplying the approved base fuel amount set forth in the Company's Fuel Adjustment Clause tariff by the relevant monthly kWh value set forth in the monthly kWh table included below in the Adjustment Clauses section of this tariff.

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(Cont'd on Sheet No. 14-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF O.L. (Cont'd.)  
 (Outdoor Lighting)**

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Kentucky Economic Development Surcharge	Sheet No. 24
Home Energy Assistance Program	Sheet No. 25
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

For adjustments calculated on a per kWh basis, including those calculated under the Fuel Adjustment Clause, System Sales Clause, and the Capacity Charge tariffs, the following kWh values will be used in the calculation:

	<u>METAL HALIDE</u>			<u>MERCURY VAPOR</u>		<u>HIGH PRESSURE SODIUM</u>				
	<u>250</u> <u>WATTS</u>	<u>400</u> <u>WATTS</u>	<u>1000</u> <u>WATTS</u>	<u>175</u> <u>WATTS</u>	<u>400</u> <u>WATTS</u>	<u>100</u> <u>WATTS</u>	<u>150</u> <u>WATTS</u>	<u>200</u> <u>WATTS</u>	<u>250</u> <u>WATTS</u>	<u>400</u> <u>WATTS</u>
JAN	127	199	477	91	199	51	74	106	130	210
FEB	106	167	400	76	167	43	62	89	109	176
MAR	106	167	400	76	167	43	62	89	109	176
APR	90	142	340	65	142	36	53	76	93	150
MAY	81	127	304	58	127	32	47	68	83	134
JUNE	72	114	272	52	114	29	42	61	74	120
JULY	77	121	291	55	121	31	45	65	79	128
AUG	88	138	331	63	138	35	51	74	90	146
SEPT	96	152	363	69	152	39	57	81	99	160
OCT	113	178	427	81	178	45	66	95	116	188
NOV	119	188	449	86	188	48	70	100	122	198
DEC	129	203	486	92	203	52	75	108	132	214
TOTAL	1204	1896	4540	864	1896	484	704	1012	1236	2000

(Cont'd on Sheet No. 14-4)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXX

TARIFF O.L. (Cont'd.)  
(Outdoor Lighting)

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

**HOURS OF LIGHTING.**

All lamps shall burn from one-half hour after sunset until one-half hour before sunrise every night and all night, burning approximately 4,000 hours per annum.

**OWNERSHIP OF FACILITIES.**

All facilities necessary for service including fixtures, controls, poles, transformers, secondaries, lamps and other appurtenances shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company.

The Company shall be allowed 3 working days after notification by the customer to replace all burned-out lamps.

**TERM OF INITIAL SERVICE.**

Term of initial service shall be required for a period of one year. If early termination is requested or service is terminated during the initial 12 month period, the customer will be billed for the remainder of the 12 month period on the final bill.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

The Company shall have the option of rendering monthly or bimonthly bills.

Customer's account balances must be current prior to installation of new or additional lights.

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXX

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**TARIFF S.L.  
 (Street Lighting)**

**AVAILABILITY OF SERVICE.**

Available for lighting service for all the lighting of public streets, public highways and other public outdoor areas in municipalities, counties, and other governmental subdivisions where such service can be supplied from the existing general distribution systems.

**RATE.** (Tariff Code 528)

A. Overhead Service on Existing Distribution Poles

1. High Pressure Sodium		
100 watts ( 9,500 lumens).....	\$	7.55 per lamp
150 watts (16,000 lumens).....	\$	8.30 per lamp
200 watts (22,000 lumens).....	\$	9.75 per lamp
400 watts (50,000 lumens).....	\$	13.21 per lamp

B. Service on New Wood Distribution Poles

1. High Pressure Sodium		
100 watts ( 9,500 lumens).....	\$	11.65 per lamp
150 watts (16,000 lumens).....	\$	12.55 per lamp
200 watts ( 22,000 lumens).....	\$	14.10 per lamp
400 watts (50,000 lumens).....	\$	18.36 per lamp

C. Service on New Metal or Concrete Poles\*

1. High Pressure Sodium		
100 watts ( 9,500 lumens).....	\$	28.00 per lamp
150 watts (16,000 lumens).....	\$	28.80 per lamp
200 watts (22,000 lumens).....	\$	28.65 per lamp
400 watts (50,000 lumens).....	\$	29.51 per lamp

\*Effective June 29, 2010 and thereafter these lamps are not available for new installations

Lumen rating is based on manufacturer's rated lumen output for new lamps.

**BASE FUEL RATE.**

Customers receiving service under this tariff will receive bills calculated using per lamp and base fuel charge. The base fuel charge will be calculated each month by multiplying the approved base fuel amount set forth in the Company's Fuel Adjustment Clause tariff by the relevant monthly kWh value set forth in the monthly kWh table included below in the Adjustment Clauses section of this tariff.

(Cont'd on Sheet No. 15-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF S.L. (Cont'd.)  
 (Street Lighting)**

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

For adjustments calculated on a per kWh basis, including those calculated under the Fuel Adjustment Clause, System Sales Clause, and the Capacity Charge tariffs, the following kWh values will be used in the calculation:

<u>MONTH</u>	<u>HIGH PRESSURE SODIUM</u>			
	<u>100 WATTS</u>	<u>150 WATTS</u>	<u>200 WATTS</u>	<u>400 WATTS</u>
JAN	51	74	106	210
FEB	43	62	89	176
MAR	43	62	89	176
APR	36	53	76	150
MAY	32	47	68	134
JUNE	29	42	61	120
JULY	31	45	65	128
AUG	35	51	74	146
SEPT	39	57	81	160
OCT	45	66	95	188
NOV	48	70	100	198
DEC	<u>52</u>	<u>75</u>	<u>108</u>	<u>214</u>
TOTAL	484	704	1012	2000

**SPECIAL FACILITIES.**

When a customer requests street lighting service which requires special poles or fixtures, underground street lighting, or a line extension of more than one span of approximately 150 feet, the customer will be required to pay, in advance, an aid-to-construction in the amount of the installed cost of such special facilities

(Cont'd on Sheet 15-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 15-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 15-3

**TARIFF S.L. (Cont'd.)  
(Street Lighting)**

**PAYMENT.**

Bills are due and payable within ten (10) days of the mailing date.

**HOURS OF LIGHTING.**

All lamps shall burn from one-half hour after sunset until one-half hour before sunrise every night and all night, burning approximately 4,000 hours per annum.

**TERM OF CONTRACT.**

Contracts under this tariff will ordinarily be made for an initial term of one year with self-renewal provisions for successive periods of one year each until either party shall give at least 60 days' notice to the other of the intention to discontinue at the end of the initial term or any yearly period. The Company may have the right to require contracts for periods of longer than one year if new or additional facilities are required.

**SPECIAL TERMS AND CONDITIONS.**

A customer's account balances must be current prior to installation of new or additional lights.

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF C. A. T. V.**  
**(Cable Television Pole Attachment)**

**AVAILABILITY OF SERVICE.**

Available to operators of cable television systems (Operators) furnishing cable television service in the operating area of Kentucky Power Company (Company) for attachments of aerial cables, wires and associated appliances (attachments) to certain distribution poles of Kentucky Power Company.

As used in this Tariff, an "attachment" shall mean the physical connection of (a) a messenger strand supporting the wires, cables or stand-mounted associated facilities and equipment of a cable system or (b) service drops affixed to the pole and located more than one vertical foot away from the point at which the messenger strand is attached to the pole (but not a strand originating or mid-span service drop) or (c) service drops located on a dedicated service, drop or lift pole. An attachment shall consume no more than one foot (1') of vertical space on any distribution pole owned by the Company.

**RATE.**

Charge for attachments on a two-user pole ..... \$ 11.97 per-attachment per year  
 Charge for attachments on a three-user pole ..... \$ 7.42 per attachment per year

The above rate was calculated in accordance with the following formula:

$$\begin{matrix} \text{Weighted Average} & & \text{Usage} & & \text{Carrying} & & \\ \text{Bare Pole Cost} & \times & \text{Factor} & \times & \text{Charge} & = & \text{Rate Per Pole} \end{matrix}$$

A two-user pole is a pole being used, by actual occupation or reservation, by the Operator and the Company. A three-user pole is a pole being used by actual occupation or reservation, by the Operator, the Company, and a third party.

**DELAYED PAYMENT CHARGE.**

This Tariff is net if account is paid in full within 30 days of date of bill. On all accounts not so paid an additional charge of 5% of the unpaid balance will be made.

**POLE SUBJECT TO ATTACHMENT.**

When an Operator proposes to furnish cable television service within the Company's operating area and desires to make attachments on certain distribution poles of Company, Operator shall make written application, on a form furnished by Company, to install attachments specifying the location of each pole in question, the character of its proposed attachments and the amount and location of space desired, and any other information necessary to calculate the transverse and vertical load placed upon the pole as a result of the proposed attachment and any other facilities attached to the pole. Within forty-five (45) days after receipt of the application, Company shall notify Operator whether and to what extent any special conditions will be required to permit the use by Operator of each such pole. Operator shall reimburse Company for any expenses incurred in reviewing such written applications for attachment. Operator shall have a non-exclusive right to use such poles of Company as may be used or reserved for use by Operator and any other poles of Company when brought hereunder in accordance with the procedure hereinafter provided. Company shall have the right to grant, by contract or otherwise to others rights or privileges to use any poles of the Company and Company shall have the right to continue and extend any such rights or privileges heretofore granted. All poles shall be and remain the property of Company regardless of any payment by Operator toward their cost and Operator shall, except for the rights provided hereunder, acquire no right, title or interest in or to any such pole.

(Cont'd on Sheet No. 16-2)

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In Case No. 2017-00179 Dated XXXX

**TARIFF C.A.T.V. (Cont'd.)  
(Cable Television Pole Attachment)**

**STANDARDS FOR INSTALLATION.**

All attachments and associated equipment of Operator (including without limitation, power supplies) shall be installed in a manner satisfactory to Company and so as not to interfere with the present or any future use which Company may desire to make of the poles covered by this Tariff. All such attachments and equipment shall be installed and at all times maintained by Operator so as to comply at least with the minimum requirements of the National Electrical Safety Code and any other applicable regulations or codes promulgated by state, local or other governmental authority having jurisdiction there over. Power supply apparatus having as its largest dimension more than sixteen inches must be placed on a separate pole to be installed by Operator. Operator shall take necessary precautions by the installation of protective equipment or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of Operator's attachments.

**POLE INSTALLATION OR REPLACEMENT; REARRANGEMENTS; GUYING.**

In any case Operator proposes to install attachments on a pole to be erected by Company in a new location, and to provide adequate space or strength to accommodate such attachments (either at the request of Operator to comply with the aforesaid codes and regulations) such pole must, in Company's judgment, be taller and/or stronger than would be necessary to accommodate the facilities of Company and of other persons who have previously indicated that they desire to make attachments on such pole or with whom Company has an agreement providing for joint or share ownership of poles, the cost of such extra height and/or strength shall be paid to Company by Operator. Such cost shall be the difference between the cost in place of the new pole and the current cost in place of a pole considered by Company to be adequate for the facilities of Company and the attachments of such other persons.

Where in Company's judgment a new pole must be erected to replace an existing pole solely to adequately provide for Operator's proposed attachments, Operator agrees to pay Company for the entire cost of the new pole necessary to accommodate the existing facilities on the pole and Operator's proposed attachments, plus the cost of removal of the in-place pole, minus the salvage value, if any, of the removed pole. Title to the new pole shall remain with the Company. Operator shall also pay to Company and to any other owner of existing attachments on the pole the cost of removing each of their respective facilities or attachments from the existing pole and reestablishing the same or like facilities or attachments on the newly-installed pole.

If Operator's desired attachments can be accommodated on existing poles of Company by rearranging facilities of Company thereon of any other person, or if because of Operator's proposed attachments it is necessary for Company to rearrange its facilities on any pole not owned by it, then in any such case, Operator shall reimburse Company and any such other person for the respective expense incurred in making such rearrangement.

If because of the requirements of its business, Company proposed to replace an existing pole on which Operator has any attachment, or Company proposed to change the arrangements of its facilities on any such pole in such manner as to necessitate a rearrangement of Operator's attachment, or if as a result of any inspection of Operator's attachments Company determines that any such attachments are not in accordance with applicable codes or the provisions of this Tariff or are otherwise hazards Company shall give Operator not less than 48 hours notice of such proposed replacement or change, or any such violation or hazard, unless an emergency requires a shorter period. In such event, Operator shall at its expense relocate, rearrange or modify its attachments at the time specified by Company. If Operator fails to do so, or if any such emergency makes notice impractical, Company shall perform such relocation or rearrangement and Operator shall reimburse Company for the reasonable cost thereof.

Any additional guying or anchors required by reason of the attachments of Operator shall be provided at the expense of Operator and shall meet the requirements of all applicable codes or regulations and Company's generally applicable guying standards.

(Cont'd on Sheet No. 16-3)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF C.A.T.V. (Cont'd.)  
(Cable Television Pole Attachment)**

**POLE INSPECTION.**

Company may make periodic inspections, as conditions may warrant, for the purpose of determining compliance with the provisions of this Tariff. Company reserves the right to inspect each new or proposed installation of Operator on Company's poles. In addition, Company's right to make any inspections and any inspection made pursuant to such right shall not relieve Operator of any responsibility, obligation or liability assumed under this Tariff.

**UNAUTHORIZED ATTACHMENTS.**

Operator shall make no attachment to or other use of any pole of Company or any facilities of Company thereon, except as authorized. The company reserves the right to make periodic inspections. Should such unauthorized attachment or use be made, Operator shall pay to the Company on demand two times the charges and fees, including but not limited to, any payable under the headings "RATES" and "POLE INSTALLATION OR REPLACEMENT; REARRANGEMENTS; GUYING" that would have been payable had such attachment been made on the date following the date of the last previous inspection required to be made by Company under applicable regulations of the Kentucky Public Service Commission.

**ABANDONMENT BY OPERATOR.**

Operator may at any time abandon the use of a pole hereunder by removing therefrom all of its attachments and by giving written notice thereof, on a form provided by the Company, and no pole shall be considered abandoned until such notice is received.

**INDEMNITY.**

Operator hereby agrees to indemnify, hold harmless, and defend Company from and against any and all loss, damage, cost or expense which Company may suffer or for which Company may be held liable because of interruption of Operator's service to its subscribers or because of interference with television reception of said subscribers or others, or by reason of bodily injury, including death, to any person, or damage to or destruction of any property, including loss of use thereof, arising out of or in any manner connected with the attachment, operation, and maintenance of the facilities of Operator on the poles of Company under this Tariff, when due to any act, omission or negligence of Operator, or to any such act, omission or negligence of Operator's respective representatives, employees, agents or contractors.

**INSURANCE.**

Operator agrees to obtain and maintain at all times policies of insurance as follows:

- (a) Comprehensive bodily injury liability insurance in an amount not less than \$1,000,000 for any one occurrence
- (b) Comprehensive property damage liability insurance in an amount not less than \$500,000 for any one occurrence.
- (c) Contractual liability insurance in an amount not less than the foregoing minimums to cover the liability assumed by the Operator under the agreement or indemnity set forth above.

Prior to making attachments at Company's poles, Operator shall furnish to Company two copies of a certificate, from an insurance carrier licensed to do business in Kentucky, stating that policies of insurance have been issued by it to Operator providing for the insurance listed above and that such policies are in force. Such certificate shall state that the insurance carrier will give Company thirty (30) days' prior written notice of any cancellation of or material change in such policies.

(Cont'd on Sheet 16-4)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF C.A.T.V. (Cont'd.)  
(Cable Television Pole Attachment)**

**EASEMENTS.**

Operator shall secure any right, license or permit from any governmental body, authority or other person or persons which may be required for the construction or maintenance of attachments of Operator. Company does not convey nor guarantee any easements, rights-of-way or franchises for the construction and maintenance of said attachments. Operator hereby agrees to indemnify and save harmless Company from any and all claims, including the expenses incurred by Company to defend itself against such claims, resulting from or arising out of the failure of Operator to secure such right, license, permit or easement for the construction or maintenance of said attachments on Company's poles.

**CHARGES AND FEES.**

Operator agrees to pay Company an annual charge per attachments set forth on Tariff Sheet No. 16-1 in advance, and such other charges as may be provided for herein, for the use of each of Company's poles, any portion of which is occupied by, or reserved at Operator's request for the attachments of Operator.

Operator agrees to reimburse Company for all reasonable non-recurring expenses caused by or attributable to Operator's initial attachments including without limitation the amounts set forth herein before and the expenses of Company in examining poles used but not owned by Company to which Operator proposes to make attachments.

**FEES FOR ADDITIONAL ATTACHMENTS OR REMOVALS.**

For attachments made or removed which are reported to the Company between billing dates, Operator shall be billed or credited a prorated amount of the annual charge effective with the date of attachment or removal on the Operator's next bill.

**ADVANCE BILLING**

Payment of amounts due hereunder is due on the dates or at the times indicated with respect to each such payment. In the event the time for any payment is not specified, such payment shall be due thirty (30) days from the date of the invoice therefore. In all amounts not so paid an addition charge of five percent (5%) will be assessed. Where the provisions of the Tariff require any payment by Operator to the Company other than for attachment charges, Company may, at its option, require that the estimated amount thereof be paid in advance of permission to use any pole or the performance by company of any work. In such a case, Company shall invoice any deficiency or refund any excess to Operator after the current amount of such payment has been determined.

**DEFAULT OR NON-COMPLIANCE.**

If Operator fails to comply with any of the provisions of this Tariff or defaults in the performance of any of its obligations under this Tariff and fails within thirty (30) days, after written notice from Company to correct such default or non-compliance, Company may, in addition to all other remedies under this tariff forthwith take any one or more of the following actions: terminate the specific permit or permits covering the poles to which such default or non-compliance is applicable; remove, relocate or rearrange attachments of Operator to which such default or non-compliance relates, all at Operator's expense; decline to permit additional attachments hereunder until such default is cured; or in the event of any failure to pay any of the charges, fees or amounts provided in this Tariff or any other substantial default, or of repeated defaults terminate Operator's right of attachment. Operator shall remove all attachments where Company has terminated the right of attachment herein within 30 days of Company providing notice of termination. If Operator fails to remove such attachments within 30 days, then Company may remove such attachments at Operator's expense. Company shall have no obligation to store or recover any value for such removed attachments.

No liability shall be incurred by Company because of any or all such actions except for negligent destruction by the Company of CATV equipment in any relocation or removal of such equipment. The remedies provided herein are cumulative and in addition to any other remedies available to Company.

(Cont'd on Sheet No. 16-5)

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**TARIFF C. A. T. V. (Cont'd)**  
**(Cable Television Pole Attachment)**

**PRIOR AGREEMENTS.**

This Tariff terminates and supersedes any previous agreement, license or joint use affecting Company's poles and Operator's attachments covered herein.

**ASSIGNMENT.**

This Tariff shall be binding upon and inure to the benefits of the parties hereto, their respective successors and/or assigns, but Operator shall not assign, transfer or sublet any of the rights hereby granted without the prior written consent of the Company, which shall not be unreasonably withheld, and any such purported assignment, transfer or subletting without such consent shall be void.

**PERFORMANCE WAIVER.**

Neither party shall be considered in default in the performance of its obligations herein, or any of them, to the extent that performance is delayed or prevented due to causes beyond the control of said party, including but not limited to, Acts of God or the public enemy, war, revolution, civil commotion, blockade or embargo, acts of government, any law, order, proclamation, regulation, ordinance, demand, or requirement of any government, fires, explosions, cyclones, floods, unavoidable casualties, quarantine, restrictions, strikes, labor disputes, lock-outs, and other causes beyond the reasonable control of either of the parties.

**PRESERVATION OF REMEDIES.**

No delay or omission in the exercise of any power or remedy herein provided or otherwise available to the Company shall impair or affect its right thereafter to exercise the same.

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**TARIFF COGEN/SPP I  
(Cogeneration and/or Small Power Production--100 KW or Less)**

**AVAILABILITY OF SERVICE.**

This tariff is available to customers with cogeneration and/or small power production (COGEN/SPP) facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity of 100 KW or less. Such facilities shall be designed to operate properly in parallel with the Company's system without adversely affecting the operation of equipment and services of the Company and its customers, and without presenting safety hazards to the Company and customer personnel.

The customer has the following options under this tariff, which will affect the determination of energy and capacity and the monthly metering charges:

- Option 1- The customer does not sell any energy or capacity to the Company, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 2 - The customer sells to the Company the energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities in excess of the customer's total load, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 3 - The customer sells to the Company the total energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities, while simultaneously purchasing from the Company its total load requirements, as determined by appropriate meters located at one delivery point.

**MONTHLY CHARGES FOR DELIVERY FROM THE COMPANY TO THE CUSTOMER.**

Such charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the tariff appropriate for the customer, except that Option 1 and Option 2 customers with cogeneration and/or small power production facilities having a total design capacity of more than 10 KW shall be served under demand-metered tariffs, and except that the monthly billing demand under such tariffs shall be the highest determined for the current and previous two billing periods. The above three-month billing demand provision shall not apply under Option 3.

**ADDITIONAL CHARGES.**

There shall be additional charges to cover the cost of special metering, safety equipment and other local facilities installed by the Company due to COGEN/SPP facilities, as follows:

**Monthly Metering Charge**

The additional monthly charge for special metering facilities shall be as follows:

- Option 1 - Not Applicable.

(Cont'd on Sheet No. 17-2)

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**TARIFF COGEN/SPP I (Cont'd.)**  
**(Cogeneration and/or Small Power Production--100 KW or Less)**

**ADDITIONAL CHARGES, (Cont'd.)**

**Monthly Metering Charge (Cont'd.)**

Options 2 & 3 - Where meters are used to measure the excess or total energy and average on-peak capacity purchased by the Company:

	<u>Single Phase</u>	<u>Polyphase</u>
Standard Measurement	\$9.25	\$12.10
T.O.D. Measurement	\$9.85	\$12.40

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Under Option 3, when metering voltage for COGEN/SPP facilities is the same as the Company's delivery voltage, the customer shall, at his option, either route the COGEN/SPP totalized output leads through the metering point, or make available at the metering point for the use of the Company and, as specified by the Company, metering current leads which will enable the Company to measure adequately the total electrical energy and average capacity produced by the qualifying COGEN/SPP facilities, as well as to measure the electrical energy consumption and capacity requirements of the customer's total load. When metering voltage for COGEN/SPP facilities is different from the Company's delivery voltage, metering requirements and charges shall be determined specifically for each use.

**Local Facilities Charge**

Additional charges to cover "interconnection costs" incurred by the Company shall be determined by the Company for each case and collected from the customer. For Options 2 and 3, the cost of metering facilities shall be covered by the Monthly Metering Charge and shall not be included in the Local Facilities Charge. The customer shall make a one-time payment for the Local Facilities Charge at the time of installation of the required additional facilities, or, at his option, up to 12 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company may require a reasonable security deposit.

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES.**

**Energy Credit**

The following credits or payments from the Company to the customer shall apply for the electrical energy delivered to the Company:

Standard Meter - All KWH.....	3.24¢ KWH
T.O.D. Meter	
On-Peak KWH .....	3.86¢ KWH
Off-Peak KWH .....	2.79¢ KWH

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**Capacity Credit**

If the customer contracts to deliver or produce a specified excess or total average capacity during the monthly billing period (monthly contract capacity), or a specified excess or total average capacity during the on-peak monthly billing period (on-peak contract capacity), then the following capacity credits or payment from the Company to the customer shall apply:

(Cont'd on Sheet No. 17-3)

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**TARIFF COGEN/SPP I (Cont'd.)**  
**(Cogeneration and/or Small Power Production--100 KW or Less)**

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES.** (Cont'd.)

**Capacity Credit (Cont'd.)**

If standard energy meters are used,

A. \$ 3.11 KW/month, times the lowest of:

- (1) monthly contract capacity, or
- (2) current month metered average capacity, i.e., KWH delivered to the Company or produced by COGEN/SPP facilities divided by 730, or
- (3) lowest average capacity metered during the previous two months if less than monthly contract capacity.

If T.O.D. energy meters are used,

B. \$7.47 KW/month, times the lowest of:

- (1) on-peak contract capacity, or
- (2) current month on-peak metered average capacity, i.e., on-peak KWH delivered to the Company or produced by COGEN/SPP facilities divided by 305 or
- (3) lowest on-peak average capacity metered during the previous two months, if less than on-peak contract capacity.

The above energy and capacity credit rates are subject to revisions from time to time as approved by the Commission.

**ON-PEAK AND OFF-PEAK PERIODS.**

The on-peak period shall be defined as starting at 7:00A.M. and ending at 9:00 P.M., local time, Monday through Friday.

The off-peak period shall be defined as starting at 9:00 P.M. and ending at 7:00A.M. local time, Monday through Friday, and all hours of Saturday and Sunday.

**CHARGES FOR CANCELLATION OR NON PERFORMANCE CONTRACT.**

If the customer should, for a period in excess of six months, discontinue or substantially reduce for any reason the operation of cogeneration and/or small power production facilities which were the basis for the monthly contract capacity or the on-peak contract capacity, the customer shall be liable to the Company for an amount equal to the total difference between the actual payments for capacity paid to the customer and the payments for capacity that would have been paid to the customer pursuant to this Tariff COGEN/SPP I or any successor tariff. The Company shall be entitled to interest on such amount at the rate of the Company's most recent issue of long-term debt at the effective date of the contract.

**TERM OF CONTRACT.**

Contracts under this tariff shall be made for a period not less than one year.

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF COGEN/SPP II**  
**(Cogeneration and/or Small Power Production--Over 100 KW)**

**AVAILABILITY OF SERVICE.**

This tariff is available to customers with cogeneration and/or small power production (COGEN/SPP) facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity of over 100 KW but less than 20,000 KW. Such facilities shall be designed to operate properly in parallel with the Company's system without adversely affecting the operation of equipment and services of the Company and its customers, and without presenting safety hazards to the Company and customer personnel.

The customer has the following options under this tariff, which will affect the determination of energy and capacity and the monthly metering charges:

- Option 1 - The customer does not sell any energy or capacity to the Company, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 2 - The customer sells to the Company the energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities in excess of the customer's total load, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 3 - The customer sells to the Company the total energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities, while simultaneously purchasing from the Company its total load requirements, as determined by appropriate meters located at one delivery point.

**MONTHLY CHARGES FOR DELIVERY FROM THE COMPANY TO THE CUSTOMER.**

Such charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the tariff appropriate for the customer, except that Option 1 and Option 2 customers shall be served under demand-metered tariffs, and except that the monthly billing demand under such tariffs shall be the highest determined for the current and previous two billing periods. The above three-month billing demand provision shall not apply under Option 3.

**ADDITIONAL CHARGES.**

There shall be additional charges to cover the cost of special metering, safety equipment and other local facilities installed by the Company due to COGEN/SPP facilities, as follows:

Monthly Metering Charge

The additional monthly charge for special metering facilities shall be as follows:

- Option 1 - Not Applicable.

(Cont'd on Sheet No. 18-2)

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**TARIFF COGEN/SPP II (Cont'd.)**  
**(Cogeneration and/or Small Power Production--Over 100 KW)**

**ADDITIONAL CHARGES. (Cont'd.)**

**Monthly Metering Charge (Cont'd)**

Options 2 & 3- Where meters are used to measure the excess or total energy and average on peak capacity purchased by the Company:

	<u>Single Phase</u>	<u>Polyphase</u>
Standard Measurement	\$9.25	\$12.10
T.O.D. Measurement	\$9.85	\$12.40

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Under Option 3, when metering voltage for COGEN/SPP facilities is the same as the Company's delivery voltage, the customer shall, at his option, either route the COGEN/SPP totalized output leads through the metering point, or make available at the metering point for the use of the Company and, as specified by the Company, metering current leads which will enable the Company to measure adequately the total electrical energy and average capacity produced by the qualifying COGEN/SPP facilities, as well as to measure the electrical energy consumption and capacity requirements of the customer's total load. When metering voltage for COGEN/SPP facilities is different from the Company's delivery voltage, metering requirements and charges shall be determined specifically for each case.

**Local Facilities Charge**

Additional charges to cover "interconnection costs" incurred by the Company shall be determined by the Company for each case and collected from the customer. For Options 2 and 3, the cost of metering facilities shall be covered by the Monthly Metering Charge and shall not be included in the Local Facilities Charge. The customer shall make a one-time payment for the Local Facilities Charge at the time of installation of the required additional facilities, or, at his option, up to 12 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company may require a reasonable security deposit.

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES.**

**Energy Credit**

The following credits or payments from the Company to the customer shall apply for the electrical energy delivered to the Company:

Standard Meter - All KWH .....	3.24¢ KWH
T.O.D. Meter	
On-Peak KWH .....	3.86¢ KWH
Off-Peak KWH .....	2.79¢ KWH

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(Cont'd on Sheet No. 18-3)

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**TARIFF COGEN/SPP II (Cont'd.)**  
**(Cogeneration and/or Small Power Production--Over 100 KW)**

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES.** (Cont'd.)

**Capacity Credit**

If the customer contracts to deliver or produce a specified excess or total average capacity during the monthly billing period (monthly contract capacity), or a specified excess or total average capacity during the on-peak monthly billing period (on-peak contract capacity), then the following capacity credits or payment from the Company to the customer shall apply:

If standard energy meters are used,

A. \$3.11/KW/ month, times the lowest of:

- (1) monthly contract capacity, or
- (2) current month metered average capacity, i.e., KWH delivered to the Company or produced by COGEN/SPP facilities divided by 730, or
- (3) lowest average capacity metered during the previous two months if less than monthly contract capacity.

If T.O.D. energy meters are used,

B. \$7.47/KW/month, times the lowest of:

- (1) on-peak contract capacity, or
- (2) current month on-peak metered average capacity, i.e., on-peak KWH delivered to the Company or produced by COGEN/SPP facilities divided by 305, or
- (3) lowest on-peak average capacity metered during the previous two months, if less than on-peak contract capacity.

The above energy and capacity credit rates are subject to revisions from time to time as approved by the Commission.

**ON-PEAK AND OFF-PEAK PERIODS.**

The on-peak period shall be defined as starting at 7:00 A.M. and ending at 9:00 P.M., local time, Monday through Friday.

The off-peak period shall be defined as starting at 9:00 P.M. and ending at 7:00 A.M., local time, Monday through Friday, and all hours of Saturday and Sunday.

**CHARGES FOR CANCELLATION OR NON PERFORMANCE CONTRACT.**

If the customer should, for a period in excess of six months, discontinue or substantially reduce for any reason the operation of cogeneration and/or small power production facilities which were the basis for the monthly contract capacity or the on-peak contract capacity, the customer shall be liable to the Company for an amount equal to the total difference between the actual payments for capacity paid to the customer and the payments for capacity that would have been paid to the customer pursuant to this Tariff COGEN/SPP II or any successor tariff. The Company shall be entitled to interest on such amount at the rate of the Company's most recent issue of long-term debt at the effective date of the contract.

**TERM OF CONTRACT.**

Contracts under this tariff shall be made for a period not less than one year.

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In Case No. 2017-00179 Dated XXXXXXX

**TARIFF S. S. C.**  
**(System Sales Clause)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, G.S., S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S., C.S.- I.R.P., M.W., O.L. and S.L.

**RATE.**

1. When the annual net revenues from system sales are above or below the annual base net revenues from system sales, as provided in paragraph 2 below, an additional credit or charge equal to the product of the KWHs and a system sales adjustment factor (A) shall be made, where "A", calculated to the nearest 0.0001 mill per kilowatt-hour, is defined as set forth below.

$$\text{Annual System Sales Adjustment Factor (A)} = (.75 [T_a - T_b + U/a]) / S_a$$

In the above formula "T" is Kentucky Power Company's (KPCo) annual net revenues from system sales in the current annual (a), base (b) periods, and "S" is the KWH sales in the current annual (a) period, all defined below. "U/a" represents any under-or-over recovery from the prior period.

2. The net revenue from KPCo's sales to non-associated companies as reported in the FERC Energy Regulatory Commission's Uniform System of Accounts under Account 447, Sales for Resale, shall consist of and be derived as follows:

- a. KPCo's total revenues from system sales as recorded in Account 447, less b. and c. below.
- b. KPCo's total out-of-pocket costs incurred in supplying the power and energy for the sales in a. above.  
  
The out-of-pocket costs include all operating, maintenance, tax, transmission losses and other expenses that would not have been incurred if the power and energy had not been supplied for such sales, including demand and energy charges for power and energy supplied by Third Parties.
- c. KPCo's environmental costs allocated to non-associated utilities in the Company's Environmental Surcharge Report.

(Cont'd on Sheet No. 19-2)

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**TARIFF S. S. C. (Cont'd.)  
(System Sales Clause)**

3. The base annual net revenues from system sales are: \$ 7,163,948. T
4. Sales (S) shall be equated to the sum of (a) generation (including energy produced by generating plant during the construction period), (b) purchase, and (c) interchange-in, less (d) energy associated with pumped storage operations, less (e) inter-system sales and less (f) total system losses.
5. The system sales adjustment factor shall be based upon actual annual revenues and costs for system sales, subject to subsequent adjustment upon final determination of actual revenues and costs. T
6. The annual System Sales Clause shall be filed with the Commission no later than August 15<sup>th</sup> of each year before it is scheduled to go into effect on Cycle 1 of the October billing cycle. The Company shall update the Annual System Sales Adjustment Factor for the period ending June 30, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission. T  
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7. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 20- 1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 20- 1

**TARIFF F.T.  
(Franchise Tariff)**

**AVAILABILITY OF SERVICE.**

Where a city or town within Kentucky Power's service territory requires the Company to pay a percentage of revenues from certain customer classifications collected within such city or town of the right to erect the Company's poles, conductors, or other apparatus along, over, under, or across such city's or town's streets, alleys, or public grounds, the Company shall increase the rates and charges to such customer classifications within such city or town by a like percentage. The aforesaid charge shall be separately stated and identified on each affected customer's bill.

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF T. S.**  
**(Temporary Service)**

**AVAILABILITY OF SERVICE.**

Where capacity is available, Company will install service for temporary lighting and power service to customers who have demonstrated to the Company's satisfaction that the requested temporary service will be temporary in nature. Residential customers will be supplied with 100 amp single phase service. All other customer classes will be supplied at voltage levels applicable to the class of business.

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**RATE.** (Tariff Code 019)

Temporary service will be supplied under any published tariff applicable to the class of business of the Customer, when the Company has available unsold capacity of lines, transforming and generating equipment, with an additional charge of the total cost of installation, connection, and disconnection and removal of service

**CHARGES.**

The same minimum charge as provided for in any applicable tariff shall be applicable to such temporary service and for not less than one full monthly minimum.

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Customer's requesting temporary service will be charged a minimum temporary service installation charge, payable in advance, based on the Company's actual cost of installation, connection, disconnection, and removal of the required facilities to provide temporary service.

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**TERMS OF SERVICE.**

Temporary Service will be in effect for a period of 180 days from the date of installation. The Company may grant extensions based on customer's demonstration of continued need for temporary service.

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The Company may discontinue temporary service at the end of the 180 days, or at the end of any extended period of time after the initial 180 days.

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**SPECIAL TERMS AND CONDITIONS.**

A deposit equal to the full estimated amount of the bill and/or construction costs under this tariff may be required.

This tariff is not available to customers permanently located, whose energy requirements are of a seasonal nature.

See Terms and Conditions of Service.

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In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF D.S.M.C.**  
**(Demand-Side Management Adjustment Clause)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D. 2, G.S., S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S., C.S.-I.R.P., and M.W.,

**RATE.**

1. The Demand-Side Management (DSM) clause shall provide for periodic adjustment per KWH of sales equal to the DSM costs per KWH by customer sector according to the following formula:

$$\text{Adjustment Factor} = \frac{\text{DSM (c)}}{\text{S(c)}}$$

Where DSM is the cost by customer sector of demand-side management programs, net lost revenues, incentives, and any over/under recovery balances; (c) is customer sector; and S is the adjusted KWH sales by customer sector.

2. Demand-Side Management (DSM) costs shall be the most recent forecasted cost plus any over/under recovery balances recorded at the end of the previous period.
  - a. Program costs are any costs the Company incurred associated with demand-side management which were approved by the Kentucky Power Company DSM Collaborative. Examples of costs to be included are contract services, allowances, promotion, expenses, evaluation, lease expense, etc. by customer sector.
  - b. Net lost revenues are the calculated net lost revenues by customer sector resulting from the implementation of the DSM programs.
  - c. Incentives are a shared-savings incentive plan consisting of one of the following elements: The efficiency incentive, which is defined as 15 percent of the estimated net savings associated with the programs. Estimated net savings are calculated based on the California Standard Practice Manual's definition of the Total Resources Cost (TRC) test, or the maximizing incentive which is defined as 5 percent of actual program expenditures if program savings cannot be measured.
  - d. Over/ Under recovery balances are the total of the differences between the following:
    - (i) the actual program costs incurred versus the program costs recovered through DSM adjustment clause, and
    - (ii) the calculated net lost revenues realized versus the net lost revenues recovered through the DSM adjustment clause, and
    - (iii) the calculated incentive to be recovered versus the incentive recovered through the DSM adjustment clause.
3. Sales (S) shall be the total ultimate KWH sales by customer sector less non-metered, opt-out and lost revenue impact KWHs by customer sector.
4. The provisions of the Demand-Side Management Adjustment Clause will be effective for the period ending December 31, 2018.

(Cont'd on Sheet No. 22-2)

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**TARIFF D.S.M.C.  
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**RATE. (Cont'd.)**

5. The DSM adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
6. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
7. The resulting range for each customer sector per KWH during the three-year Experimental Demand-Side Management Plan is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u> (\$ Per KWH)	<u>COMMERCIAL</u> (\$ Per KWH)	<u>INDUSTRIAL*</u>
Floor Factor =	0.006274	0.002871	- 0 -
Ceiling Factor =	0.009752	0.005540	- 0 -

8. The DSM Adjustment Clause factor (\$ Per KWH) for each customer sector which fall within the range defined in Item 7 above is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL*</u>
<u>DSM (c)</u>	8,725,687	2,673,330	- 0 -
<u>S (c)</u>	1,088,941,320	635,650,224	- 0 -
Adjustment Factor	\$ 0.008013	\$ 0.004206	- 0 -

\* The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.

**PROGRAM DESCRIPTIONS.**

The D.S.M.C. program availability, program, rate, and equipment descriptions follow:

(Cont'd on Sheet No. 22-3)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 22-3

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: TEE – Targeted Energy Efficiency**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers receiving retail electric service from the Company, who have primary electric heat and use an average of 700 kWh per month. Residential customers without primary electric heating may also be eligible for limited efficiency measures if they have electric water heating and use an average of 700 kWh per month from November through March. To qualify, the household's income cannot exceed the designated poverty guidelines as administered by the local community action agency.

**PROGRAM DESCRIPTION**

The Kentucky Power Targeted Energy Efficiency Program (TEE) provides weatherization and energy efficiency services to qualifying residential customers who need help reducing their energy bills. The Company provides funding for this program through the Kentucky Community Action network of not-for-profit community action agencies. The program funding and service is supplemental to the Weatherization Assistance Programs offered by the local community action agency. This program provides energy saving improvements to an existing home. Program services include residential energy audits, the installation of home weatherization/energy conservation items and customer education on home energy efficiency. The home weatherization/energy conservation measures may include, but not limited to:

- High efficiency lighting
- Domestic hot water pipe insulation
- Water heater insulation wrap (electric DHW only)
- Low flow showerhead
- Low flow faucet aerator
- Air and duct sealing (electric heat only)
- Insulation (electric heat only)
- Efficient windows and doors
- Air source heat pump

**RATE**

No rate applies for this program.

**EQUIPMENT**

The Kentucky Community Action network of not-for-profit community action agencies will furnish and install, in the customer's presence, the equipment as provided by this program.

( Cont'd on Sheet No. 22-4)

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In Case No. 2017-00179 Dated XXXXXXX

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: MHP – New Manufactured Homes**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers who purchase a new mobile home.

**PROGRAM DESCRIPTION**

The Kentucky Power Manufactured Homes program (MHP) provides incentives to customers that purchase an energy efficient manufactured home on a 2 tiered format.

1. *Energy Efficient Manufactured Home.* To qualify the new home must have Zone 3 insulation levels and a high efficiency air-source heat pump with a SEER (Seasonal Energy Efficiency Rating) rating  $\geq 15$  and an HSPF (Heating Seasonal Performance Factor) rating  $\geq 8.5$ .
2. *ENERGY STAR Manufactured Homes.* Residential customers purchase an ENERGY STAR certified home. ENERGY STAR<sup>®</sup> manufactured homes must be built in compliance with the Manufactured Home Construction and Safety Standards and meet the guidelines for ENERGY STAR<sup>®</sup> certified plant.

**RATE**

An incentive of \$450 is offered to residential customers qualifying for an upgraded manufactured home through the *Energy Efficient Manufactured Home* guideline (Tier 1). The incentive for the *ENERGY STAR Manufactured Homes* is \$1,200. Kentucky Power may modify the incentives for special events and based on market conditions or customer participation.

**EQUIPMENT**

No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase the new mobile home from a manufactured housing dealer participating in the program and who can administer an upgrade for required equipment.

(Cont'd on Sheet No. 22-5)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: EEFS – Energy Education for Students**

**AVAILABILITY OF SERVICE**

All schools within Kentucky Power's service territory are eligible to participate. The program targets middle school students.

**PROGRAM DESCRIPTION**

The Kentucky Power Student Energy Education Program (EEFS) targets middle school students at participating schools within the Kentucky Power Company service territory. The program introduces them to various aspects of responsible energy use and conservation. With this program, students use math and science skills to learn how energy is produced and used, and methods to conserve energy that can easily be applied in their own homes.

The Company partners with an education services provider to implement this program. The program, provided at no cost to participating school systems, includes:

- Professional development for teachers where they will receive classroom curriculum and educational materials on energy, electricity, economics and the environment
- Each Student can receive an energy efficiency kit to help students apply their classroom learning at home
- An opportunity for participating students and their families to make the ENERGY STAR® Pledge

**RATE**

No rate applies for this program.

**EQUIPMENT**

The energy efficiency kit is furnished by the Company and provided to the schools for delivery to students. The energy efficiency items provided to students will not be installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-6)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Community Outreach**

**AVAILABILITY OF SERVICE**

All residential retail customers of Kentucky Power are eligible for the program.

**PROGRAM DESCRIPTION**

Through the Community Outreach Program, Kentucky Power distributes energy conservation measures to customers at company-sponsored community events. The program aims to educate and encourage customers to save money by using energy efficient lighting. The company sponsors community distribution events throughout the year where energy conservation measures are distributed to each qualifying residential customer. Customer energy education is also provided at these events.

**RATE**

No rate applies for this program.

**EQUIPMENT**

The energy conservation measures furnished by the Company are delivered to the community events and provided to customers having an active electric account. The energy conservation measures will not be installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-7)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: REP - Residential Efficient Products**

**AVAILABILITY OF SERVICE**

All Kentucky Power residential customers are eligible to participate.

**PROGRAM DESCRIPTION**

The Kentucky Power Residential Efficient Products Program (REP) offers residential customers rebates on select ENERGY STAR products at participating retail stores across our service territory. The program targets the purchase of products through in-store promotion as well as special sales events. Customer incentives facilitate the increased purchase of high efficiency products while in-store signage, sales associate training and support makes provider participation easier.

A convenient online store where customers can shop for energy efficient lighting products and get immediate discounts is also available.

**RATE**

The program provides incentives for the purchase and installation of efficient lighting and appliances.

- *Lighting Incentives.* Kentucky Power continues to utilize an upstream strategy to provide incentives at participating retailers. Customers receive an instant incentive on qualifying light bulbs at the point-of-purchase. Incentives may vary depending upon the type of light bulb, manufacturer and associated retail cost. Customers may purchase up to 12 bulbs at a time.
- *Appliance Incentives.* Customers submit a mail-in application to receive an incentive for the purchase of an ENERGY STAR® clothes washer, air purifier or dehumidifier, other appliances that may be cost effective may be added.

**EQUIPMENT**

No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment.

(Cont'd on Sheet 22-8)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: New Construction**

**AVAILABILITY OF SERVICE**

All commercial (non-industrial) customers in Kentucky Power's service territory are eligible to participate.

**PROGRAM DESCRIPTION**

The program is designed to encourage applicants in new construction and major renovation projects to incorporate greater energy efficiency into their building design and construction practices. Eligible customers may participate through one of two approaches:

- *Whole Building Approach.* This approach is ideal for projects pursuing integrated building designs and demonstrating high performance goals through energy simulation modeling. Early design intervention and a holistic building design approach can enhance energy savings and optimize building performance. Incentives are only available for projects that are at least 10 percent more energy efficient than a baseline building designed to ASHRAE 90.1-2007 Standards, Appendix G. Applicants must provide an energy simulation model utilizing software programs that estimate annual energy savings.
- *Systems Approach.* This approach encourages designers to optimize individual systems to increase building energy efficiency. This approach offers a flexible solution for less complex projects. Throughout the design phase, simple spreadsheet tools quickly estimate typical energy savings and calculate corresponding incentives. Standardized incentives include, but are not limited to, lighting and HVAC measures.

**RATE**

Incentives are limited to 50 percent of the incremental equipment costs, up to \$20,000 per year per customer account number. Kentucky Power may revise the payback range and/or the maximum incentive per customer account based upon program implementation contractor recommendations and/or overall customer response to the program.

**EQUIPMENT**

The Company, or its authorized agents, will administer the evaluation of customer installed energy measures. The Company, or its authorized agents, may provide support for the installation services through approved program contractors.

**AGREEMENT**

A customer program application agreement is required to participate in this program. The program application and information regarding efficiency design/equipment measures and incentives may be available at [www.kentuckypower.com](http://www.kentuckypower.com).

( Cont'd on Sheet No. 22-9)

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In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Express Install**

**AVAILABILITY OF SERVICE**

All small commercial (non-industrial) customers in Kentucky Power's service territory having peak bill demand less than 100 kW are eligible to participate.

**PROGRAM DESCRIPTION**

The program offers small commercial customers an energy assessment that includes information on potential energy savings and anticipated payback as well as incentives that cover up to 70% percent of the equipment and installation costs. Eligible measures include, but are not limited to, lighting and refrigeration measures. The program incorporates the following components:

- *Walk-Through Audits.* Trained auditors complete a walk-through examination of the business using standard audit software, identifying specific energy saving opportunities at no addition cost to the customer. The auditor reviews the anticipated costs and savings of the measures, along with information on financial resources available to help defray costs. Customers are provided with a report and check list of recommendations from the audit.
- *Direct Installation of Measures.* Upon customer approval of a job scope, the implementation contractor installs pertinent measures identified during the audit on the same day as the audit, if possible.
- *Customer Education.* Customers are educated on energy efficient equipment and KPCO's full suite of DSM programs. Particular attention is paid to the areas identified in the audit.

A complete list of the eligible equipment and incentive amounts can be found in the Program Application located at [KentuckyPower.com/save/programs](http://KentuckyPower.com/save/programs).

**RATE**

Incentives cover up to 70% percent of the equipment and installation costs. Incentives for program may be modified to reflect market conditions.

**EQUIPMENT**

The Company, or its authorized agents, will administer the evaluation of customer installed energy measures. The Company, or its authorized agents, may provide support for the installation services through approved program contractors.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

( Cont'd on Sheet No. 22-10)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: School Energy Manager**

**AVAILABILITY OF SERVICE**

All school districts located within Kentucky Power's service territory are eligible to participate.

**PROGRAM DESCRIPTION**

The program is a partnership between Kentucky Power and the Kentucky School Boards Association (KSBA) to support the School Energy Managers Project to maintain a major presence within schools in eastern Kentucky. The project employs school energy manager(s) to work with eligible school districts to identify behavioral changes and better utilize automation equipment to improve energy efficiency.

**RATE**

Funds for this program are utilized for energy manager labor and/or installed energy conservation measures.

**EQUIPMENT**

No equipment is required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment by a properly licensed installer.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

( Cont'd on Sheet No. 22-11)

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In Case No. 2017-00179 Dated XXXXXXX

KENTUCKY POWER COMPANY

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**RESERVED FUTURE USE**

(Cont'd on Sheet No. 22-12)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Retro-Commissioning**

**AVAILABILITY OF SERVICE**

All commercial customers in Kentucky Power's service territory are eligible to participate. Customers must have a functioning building automation system.

**PROGRAM DESCRIPTION**

The program provides a study to optimize customer's building automation systems. Eligible customers receive one of the following fully funded studies depending upon their building size and based on their agreement to spend the minimum agreed toward qualified improvements:

- RCx Lite: Buildings with 50,000 and 150,000 square feet and 150 < 500 kW peak demand. A program affiliated dealer completes a targeted assessment and recommend improvements. Customers agree to spend a minimum of \$5,000 towards improvements with ≤18 month payback identified through the study.
- RCx Standard: Facilities larger than 150,000 square feet and with ≥ 500 kW peak demand receives a comprehensive study and verification report with pre- and post-results. Customers agree to spend a minimum of \$15,000 towards improvements with ≤18 month payback identified through the study.

To qualify for the program, customers meet the minimum building sizes outlined above.

**RATE**

Incentives will be paid based on qualified measures identified from the study and having been verified as installed or implemented at customer's facility. Incentives are initially set at \$0.12 per first year kWh saved for RCx Lite participants and \$0.08 per first year kWh saved for RCx Standard participants may vary based on market conditions. Rebates per year are limited to \$50,000 per customer account. Kentucky Power may modify the incentive based upon market conditions.

**EQUIPMENT**

No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment by a qualified installer.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

(Cont'd on Sheet No. 22-13)

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In Case No. 2017-00179 Dated XXXXXXX

**TARIFF D.S.M.C.**  
**(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**  
**PROGRAM: CIP – Commercial Incentive Prescriptive Custom Program**

**AVAILABILITY OF SERVICE**

All commercial (non-industrial) customers in Kentucky Power's service territory are eligible to participate.

**PROGRAM DESCRIPTION**

The Kentucky Power Commercial Incentive Program (CIP) offers customers a convenient way to receive funding for common energy efficiency projects. The Commercial Incentive Prescriptive Custom Program provides financial incentives to business customers who implement qualified energy-efficient improvements and technologies.

Incentives are available for a variety of energy-saving technologies in existing buildings. Customers may choose from a menu of prescriptive measures with standardized incentives. Custom measures are also offered and are evaluated on a case by case basis. The program is designed to help commercial customers save energy through a broad range of energy efficiency options that address all major end uses and processes

- *Prescriptive Rebates.* Participants select energy efficient equipment from a pre-qualified list. Rebates are issued to the customer upon completion of the project and submission of the rebate application. Proven qualifying technologies for which incentives are provided include lighting, HVAC equipment and motors, and are readily available with known performance characteristics.
- *Custom Rebates.* Equipment that does not qualify for a prescriptive rebate may be eligible for a custom rebate. Applications must be pre-approved by the implementation contractor before the equipment is purchased and installed and projects must have a Total Resource Cost Test benefit-cost ratio of at least 1.0.

A complete list of the eligible equipment and incentive amounts can be found in the Program Application located at [KentuckyPower.com/save/programs](http://KentuckyPower.com/save/programs).

**RATE**

For commercial customers that qualify the maximum rebate payout is \$20,000 annually per customer account. KPCCo may revise the payback range and/or the maximum incentive per customer account based upon program implementation contractor recommendations and/or overall customer response to the program. The custom rebate is set up to a maximum of \$0.10 per kWh saved in the first year, but may vary based on market conditions.

**EQUIPMENT**

The Company, or its authorized agents, will administer the evaluation of customer installed energy measures. The Company, or its authorized agents, may provide support for the installation services through approved program contractors.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

(Cont'd on Sheet 22-14)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM:** Residential Home Performance

**AVAILABILITY OF SERVICE**

Kentucky Power single family residential homes are selected to participate. Selected customers may voluntarily opt out of the program.

**PROGRAM DESCRIPTION**

The Kentucky Power Residential Home Performance offers selected residential customers a "Home Energy Report" (HER) that is received separately from their normal utility bills. The reports are delivered to participating customer homes by mail and email. The HER is designed to assist residential participants reduce their electricity usage by encouraging them to alter their electricity consumption habits and providing detailed information on residential energy consumption. Customers are selected for participation based on level of energy consumption. Higher energy users will be selected earlier in the process for program participation. A control group will be maintained by the program implementation contractor to evaluate the estimated energy savings from the participant group.

Access to participant information, home energy calculator, and more relevant tips will be available to participating customers through an Internet web portal.

**RATE**

No rate applies for this program.

**EQUIPMENT**

It is the customer's responsibility to purchase and install the required equipment. No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-15)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-15  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 22-15

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Appliance Recycling**

**AVAILABILITY OF SERVICE**

Kentucky Power residential customers and small (non-industrial) commercial customers having peak bill demand less than 100 kW who have a second operational refrigerator or freezer between 10-30 cubic feet, are eligible to participate.

**PROGRAM DESCRIPTION**

The Appliance Recycling Program is designed to produce long-term electric energy savings by permanently removing operable secondary refrigerators and freezers between 10-30 cubic feet, from the power grid and recycling them in an environmentally safe manner.

The program targets customers that possess more than one refrigerator and/or freezer and offers an incentive for removing these units from service. This program provides the benefit of lowering energy bills by reducing energy consumption, keeping the appliances out of the used market, and uses environmentally-sound technologies and procedures to recycle the old appliances.

**RATE**

The incentive range will be established by the Company. The current range is \$50 to \$70 depending on customer participation. KPCO may offer special promotions to increase program participation.

**EQUIPMENT**

No equipment will be furnished or installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-16)

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DATE OF ISSUE: June 28, 2017

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: WHE – Whole House Efficiency**

**AVAILABILITY OF SERVICE**

Available to residential customers that receive electric service from Kentucky Power Company and have an electric central cooling system (i.e. central air conditioner or heat pump). Customers living in Single Family, Multi-Family, and mobile homes are eligible. Multi-family customers include any residential unit that is not considered single family (i.e. apartment, condominium, townhome, etc.).

**PROGRAM DESCRIPTION**

The Whole House Efficiency Program consists of 3 options:

*Home Energy Audit.* The customer receives at no additional cost an in-home energy audit and direct installation of energy conservation measures. A professional energy auditor performs a home energy audit, identifying key areas of the home that are wasting energy and provide recommendations to make the home more energy efficient. Participants are eligible to receive installation of select energy conservation measures. Eligible measures may include but, not limited to:

- High efficiency lighting
- Domestic hot water pipe insulation (only customers with electric DHW)
- Water heater insulation wrap (only customers with electric DHW)
- Low flow showerhead (only customers with electric DHW)
- Low flow faucet aerator (only customers with electric DHW)
- Weatherstripping / caulking of doors and windows / door sweep
- Duct sealing

*Weatherization Measures.* Customers with electric heating are eligible to receive incentives for the purchase and installation of air sealing, duct sealing and insulation (attic, wall, basement sidewall and crawlspace). Customers may self-install insulation measures, except for attic insulation. Air and duct sealing must be performed by a participating dealer and a blower door test conducted to verify energy and demand savings.

*HVAC Equipment.* Customers are eligible to receive incentives for qualifying HVAC equipment installed by a participating dealer. Qualifying measures include heat pump ductless mini splits, heat pumps and smart programmable thermostats.

(Cont'd on Sheet No. 22-17)

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In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF D.S.M.C.  
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: WHE – Whole House Efficiency**

**RATE**

Rebates will vary depending on the measures installed and the efficiency rating of measures installed (i.e. weatherization versus heat pumps). The measures may be modified by the implementation contractor and Kentucky Power to reflect market conditions. The Home Energy Audit is provided at no cost to customers.

(Cont'd on Sheet No. 22-)

*Weatherization Measures and Incentives*

	Minimum	Maximum
Duct Sealing 10%	\$150	\$250
Air Sealing 20% ACH Reduction	\$200	\$300
Air Sealing 20% ACH Reduction & Attic Insulation R-38 <sup>[1]</sup>	\$400	\$500
Wall Insulation R-13 <sup>[2]</sup>	\$0.30 per sq. ft., up to \$250	\$0.35 per sq. ft., up to \$300
Basement Sidewall Insulation R-13	\$0.30 per sq. ft., up to \$200	\$0.35 per sq. ft., up to \$250
Crawlspace Insulation R-19	\$0.30 per sq. ft., up to \$200	\$0.35 per sq. ft., up to \$250

<sup>[1]</sup> Existing attic insulation must be no more than R-19.

<sup>[2]</sup> Existing wall insulation must be no more than R-5.

(Cont'd on Sheet No. 22-18)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-18  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 22-18

**TARIFF D.S.M.C.  
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: WHE – Whole House Efficiency**

**RATE (cont'd)**

*HVAC Equipment and Incentives*

		Minimum	Maximum
Heat Pump (SEER 15, EER 12.5, HSPF 8.5)	per Unit	\$300	\$350
Heat Pump (SEER 16, EER 13, HSPF 9)	per Unit	\$450	\$500
Heat Pump (SEER 14.5 Replace Resistance Heat w/CAC)	per Unit	\$300	\$400
Heat Pump (SEER 15 Replace Resistance Heat w/CAC)	per Unit	\$600	\$700
Heat Pump (SEER 16 Replace Resistance Heat w/CAC)	per Unit	\$900	\$1,000
Heat Pump Ductless Mini Split (Replace Resistance Heat)	per Unit	\$400	\$450
Smart Programmable Thermostat w/ Heat Pump	per Unit	\$45	\$50

**EQUIPMENT**

The Company, or its authorized agents, will furnish and install, in the customer's presence, the energy conservation measures as provided in the Home Energy Audit. It is the customer's responsibility to meet the program requirements and purchase and install the weatherization and HVAC measures by a qualified dealer participating as required with the program.

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 23- 1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 23- 1

RESERVED FOR FUTURE USE

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 24-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 24-1

**Tariff K.E.D.S**  
**(Kentucky Economic Development Surcharge)**

Proceeds of the surcharge and matching Company contributions will be used to fund economic development programs and activities as determined by the Company within the 20 counties comprising Kentucky Power's certified territory.

**Applicable.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D2., R.S.-T.O.D, S.G.S. – T.O.D., G.S, M.G.S. – T.O.D., L.G.S., L.G.S. – T.O.D., I.G.S., C.S. – Coal, C.S. – I.R.P., M.W.

**Rate.**

\$.025 per month per account.

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 25- 1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 25- 1

**Tariff H.E.A.P.  
(Home Energy Assistance Program)**

Proceeds of the charge and matching Company contributions will be used to provide financial assistance to low-income residential customers for electric bills during peak heating (December, January, February, and March) and cooling (July, August, and September) months.

**Applicable.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D2., R.S.-T.O.D.

**Rate.**

\$0.20 per month per residential account

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**TARIFF N.U.G.  
(Non-Utility Generator)**

**AVAILABILITY OF SERVICE.**

This tariff is applicable to customers with generation facilities which have a total design capacity of over 1,000 kW that intends to schedule, deliver and sell the net electric output of the facility at wholesale, and who require Commissioning Power, Startup Power and/or Station Power service from the Company.

Service to any load that is electrically isolated from the Customer's generator shall be separately metered and provided in accordance with the generally available demand-metered tariff appropriate for such service to the Customer.

This tariff is not available for standby, backup, maintenance, or supplemental service for wholesale or retail loads served by customer's generator.

**DEFINITIONS.**

1. **Commissioning Power** - The electrical energy and capacity supplied to the customer prior to the commercial operation of the customer's generator, including initial construction and testing phases.
2. **Station Power** - The electrical energy and capacity supplied to the customer to serve the auxiliary loads at the customer's generation facilities, usually when the customer's generator is not operating. Station Power does not include Startup Power.
3. **Startup Power** - The electrical energy and capacity supplied to the customer following a planned or forced outage of the customer's generator for the purpose of returning the customer's generator to synchronous operation.

**COMMISSIONING POWER SERVICE.**

Customers requiring Commissioning Power shall take service under Tariff T.S. or by special agreement with the Company.

The Customer shall coordinate its construction and testing with the Company to ensure that the customer's operations do not cause any undue interference with the Company's obligations to provide service to its other customers or impose a burden on the Company's system or any system interconnected with the Company.

**STATION POWER SERVICE.**

Customers requiring Station Power shall take service under the generally available demand-metered tariff appropriate for the customer's Station Power requirements.

**Station Contract Capacity** – The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Station Power requirements that the Company is expected to supply under the generally available demand-metered tariff appropriate for the customer.

**STARTUP POWER SERVICE.**

Customers requiring Startup Power have the option of contracting for such service under the terms of this tariff or under the generally available demand-metered tariff appropriate for the customer's Startup Power requirements.

**Startup Contract Capacity** – The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Startup Power requirements that the Company is expected to supply.

**Startup Duration** – The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power.

(Cont'd on Sheet No. 26-2)

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**TARIFF N.U.G. (Cont'd)  
(Non-Utility Generator)**

**STARTUP POWER SERVICE, (cont'd)**

**Startup Duration** – The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power.

**Startup Frequency** – The Customer shall contract for a definite number of startup events sufficient to meet the maximum number of times per year that the Company is expected to supply Startup Power.

**Other Startup Characteristics** – The customer shall provide to the Company other information regarding the customer's Startup Power requirements, including, but not limited to, anticipated time-of-use and seasonal characteristics.

**Notification Requirement** - Whenever Startup Power is needed, the Customer shall provide advance notice to the Company.

Upon receipt of a request from the Customer for Startup Power Service under the terms of this tariff, the Company will provide the Customer a written offer containing the Notification Requirement, generation, transmission and distribution rates (including demand and energy charges) and related terms and conditions of service under which service will be provided by the Company. Such offer shall be based upon the Startup Contract Capacity, Startup Duration, Startup Frequency, and Other Startup Characteristics as specified by the customer. In no event shall the rates be less than the sum of the Tariff I.G.S. Energy Charge, the Fuel Adjustment Clause, the System Sales Clause, the Demand-Side Management Adjustment Clause, Big Sandy Decommissioning Rider, Purchase Power Adjustment, KY Economic Development Surcharge, Environmental Surcharge, and the Capacity Charge.

If the parties reach an agreement based upon the offer provided to the customer by the Company, a contract shall be executed that provides full disclosure of all rates, terms and conditions of service under this tariff, and any and all agreements related thereto.

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet 26-3)

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**TARIFF N.U.G. (Cont'd)**  
**(Non-Utility Generator)**

**MONTHLY BILLING DEMAND.**

The monthly billing demand in kW shall be taken each month as the highest single 15-minute integrated peak in kW as registered by a demand meter or indicator, less the Station Contract Capacity. The monthly billing demand so established shall in no event be less than the greater of (a) the Startup Contract Capacity or b) the customer's highest previously established monthly billing demand during the past 11 months.

**MONTHLY BILLING ENERGY.**

Interval billing energy shall be measured each 15-minute interval of the month as the total KWH registered by an energy meter or meters less the quotient of the Station Contract Capacity and four (4). In no event shall the interval billing energy be less than zero (0). Monthly billing energy shall be the sum of the interval billing energy for all intervals of the billing month.

**TRANSMISSION SERVICE.**

**Transmission Provider** – The entity providing transmission service to customers in the Company's service territory. Such entity may be the Company or a regional transmission entity.

Prior to taking service under this tariff, the Customer must have a fully executed Interconnection and Operation Agreement with the Company and/or the Transmission Provider or an unexecuted agreement filed with the Federal Energy Regulatory Commission under applicable procedures.

Should the customer's use of Startup Power result in any charges for Transmission Congestion from the Transmission Provider, such charges, including any applicable taxes or assessments, shall be paid by or passed through to the customer without markup. Transmission Congestion is the condition that exists when market participants seek to dispatch in a pattern that would result in power flows that cannot be physically accommodated by the system.

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**TERM OF CONTRACT.**

Contracts under this tariff will be made for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than one year.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

The Company may not be required to supply capacity in excess of that contracted for except by mutual agreement. Contracts will be made in multiples of 100 kW.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff shall not obligate the Company to purchase or pay for any capacity or energy produced by the Customer's generator.

Customers desiring to provide Startup and Station Power from other generation facilities, owned by the same individual business entity that are not located on the site of the customer's generator (remote self-supply), shall take service under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission.

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In Case No. 2017-00179 Dated XXXXXXX



**TARIFF N.M.S.**  
**(Net Metering Service)**

**AVAILABILITY OF SERVICE.**

Net Metering is available to eligible customer-generators in the Company's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of one percent (1%) of the Company's single hour peak load in Kentucky during the previous year. If the cumulative generating capacity of net metering systems reaches 1% of the Company's single hour peak load during the previous year, upon Commission approval, the Company's obligation to offer net metering to a new customer-generator may be limited. An eligible customer-generator shall mean a retail electric customer of the Company with a generating facility that:

- (1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro energy;
- (2) Has a rated capacity of not greater than thirty (30) kilowatts;
- (3) Is located on the customer's premises;
- (4) Is owned and operated by the customer;
- (5) Is connected in parallel with the Company's electric distribution system; and
- (6) Has the primary purpose of supplying all or part of the customer's own electricity requirements.

At its sole discretion, the Company may provide Net Metering to other customer-generators not meeting all the conditions listed above on a case-by-case basis.

The term "Customer" hereinafter shall refer to any customer requesting or receiving Net Metering services under this tariff.

**METERING.**

Net energy metering shall be accomplished using a standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions. If the existing electrical meter installed at the customer's facility is not capable of measuring the flow of electricity in two directions, the Company will provide the customer with the appropriate metering at no additional cost to the customer. If the customer requests any additional meter or meters or if distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.

**BILLING/MONTHLY CHARGES.**

Monthly charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the Company's standard service tariff under which the customer would otherwise be served, absent the customer's electric generating facility. Energy charges under the customer's standard tariff shall be applied to the customer's net energy for the billing period to the extent that the net energy exceeds zero. If the customer's net energy is zero or negative during the billing period, the customer shall pay only the non-energy charge portions of the standard tariff bill. If the customer's net energy is negative during a billing period, the customer shall be credited in the next billing period for the kWh difference. If time-of-day metering is used, energy flows in both directions shall be netted and accounted for at the specific time-of-use in accordance with the provisions of the customer's standard tariff and this Net Metering Service Tariff. When the customer elects to no longer take service under this Net Metering Service Tariff, any unused credit shall revert to the Company. Excess electricity credits are not transferable between customers or locations.

(Cont'd on Sheet No. 27-2)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**APPLICATION AND APPROVAL PROCESS.**

The Customer shall submit an Application for Interconnection and Net Metering ("Application") and receive approval from the Company prior to connecting the generator facility to the Company's system.

Applications will be submitted by the Customer and reviewed and processed by the Company according to either Level 1 or Level 2 processes defined below.

The Company may reject an Application for violations of any code, standard, or regulation related to reliability or safety; however, the Company will work with the Customer to resolve those issues to the extent practicable.

Customers may contact the Company to check on the status of an Application or with questions prior to submitting an Application. Company contact information can be found on Kentucky Power Company's Application Form or on the Company's website.

**LEVEL 1 AND LEVEL 2 DEFINITIONS.**

**LEVEL 1**

A Level 1 Application shall be used if the generating facility is inverter-based and is certified by a nationally recognized testing laboratory to meet the requirements of Underwriters Laboratories Standard 1741 "Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources" (UL 1741).

The Company will approve the Level 1 Application if the generating facility also meets all of the following conditions:

- (1) For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed generating facility, will not exceed 15% of the Line Section's most recent annual one hour peak load. A line section is the smallest part of the primary distribution system the generating facility could remain connected to after operation of any sectionalizing devices.
- (2) If the proposed generating facility is to be interconnected on a single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed generating facility, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- (3) If the proposed generating facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.
- (4) If the generating facility is to be connected to three-phase, three wire primary Company distribution lines, the generator shall appear as a phase-to-phase connection at the primary Company distribution line.
- (5) If the generating facility is to be connected to three-phase, four wire primary Company distribution lines, the generator shall appear to the primary Company distribution line as an effectively grounded source.
- (6) The interconnection will not be on an area or spot network.
- (7) The Company does not identify any violations of any applicable provisions of IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems."
- (8) No construction of facilities by the Company on its own system will be required to accommodate the generating facility.

(Cont'd on Sheet No. 27-3)

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**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**LEVEL 1, continued**

If the generating facility does not meet all of the above listed criteria, the Company, in its sole discretion, may either: 1) approve the generating facility under the Level 1 Application if the Company determines that the generating facility can be safely and reliably connected to the Company's system; or 2) deny the Application as submitted under the Level 1 Application.

The Company shall notify the customer within 20 business days whether the Application is approved or denied, based on the criteria provided in this section.

If the Application lacks complete information, the Company shall notify the customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the time to process the Application.

When approved, the Company will indicate by signing the approval line on the Level 1 Application Form and returning it to the customer. The approval will be subject to successful completion of an initial installation inspection and witness test if required by the Company. The Company's approval section of the Application will indicate if an inspection and witness test are required. If so, the customer shall notify the Company within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within 10 business days of completion of the generator facility installation or as otherwise agreed to by the Company and the customer. The customer may not operate the generating facility until successful completion of such inspection and witness test, unless the Company expressly permits operational testing not to exceed two hours. If the installation fails the inspection or witness test due to noncompliance with any provision in the Application and Company approval, the customer shall not operate the generating facility until any and all noncompliance is corrected and re-inspected by the Company.

If the Application is denied, the Company will supply the customer with reasons for denial. The customer may resubmit under Level 2 if appropriate.

**LEVEL 2**

A Level 2 Application is required under any of the following:

- (1) The generating facility is not inverter based;
- (2) The generating facility uses equipment that is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741; or
- (3) The generating facility does not meet one or more of the additional conditions under Level 1.

The Company will approve the Level 2 Application if the generating facility meets the Company's technical interconnection requirements, which are based on IEEE 1547. The Company shall make its technical interconnection requirements available online and upon request.

(Cont'd on Sheet No. 27-4)

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**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**LEVEL 2, continued**

The Company will process the Level 2 Application within 30 business days of receipt of a complete Application. Within that time the Company will respond in one of the following ways:

- (1) The Application is approved and the Company will provide the customer with an Interconnection Agreement to sign.
- (2) If construction or other changes to the Company's distribution system are required, the cost will be the responsibility of the customer. The Company will give notice to the customer and offer to meet to discuss estimated costs and construction timeframe. Should the customer agree to pay for costs and proceed, the Company will provide the customer with an Interconnection Agreement to sign within a reasonable time.
- (3) The Application is denied. The Company will supply the customer with reasons for denial and offer to meet to discuss possible changes that would result in Company approval. Customer may resubmit Application with changes.

If the Application lacks complete information, the Company shall notify the customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the 30-business-day target to process the Application.

The Interconnection Agreement will contain all the terms and conditions for interconnection consistent with those specified in this tariff, inspection and witness test requirements, description of and cost of construction or other changes to the Company's distribution system required to accommodate the generating facility, and detailed documentation of the generating facilities which may include single line diagrams, relay settings, and a description of operation.

The customer may not operate the generating facility until an Interconnection Agreement is signed by the customer and Company and all necessary conditions stipulated in the agreement are met.

**APPLICATION, INSPECTION AND PROCESSING FEES.**

No application fee or other review, study, or inspection or witness test fees will be charged by the company for Level I application.

The Company will require each customer to submit with each Level 2 Application a non-refundable application, inspection and processing fee of \$50. In the event the Company determines an impact study is necessary with respect to a Level 2 Application, the customer shall be responsible for any reasonable costs up to \$1,000 for the initial impact study. The Company shall provide documentation of the actual cost of the impact study. Any other studies requested by the customer shall be at the customer's sole expense.

(Cont'd on Sheet No. 27-5)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**TERMS AND CONDITIONS FOR INTERCONNECTION.**

To interconnect to the Company's distribution system, the customer's generating facility shall comply with the following terms and conditions:

- (1) The Company shall provide the customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.
- (2) The customer shall install, operate, and maintain, at customer's sole cost and expense, any control, protective, or other equipment on the customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from the Company, the customer shall demonstrate generating facility compliance.
- (3) The generating facility shall comply with, and the customer shall represent and warrant its compliance with:  
(a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Company's rules, regulations, and Company's Terms and Conditions of Service as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- (4) Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- (5) Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.

(Cont'd on Sheet No. 27-6)

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**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR INTERCONNECTION, continued**

- (6) Customer shall be responsible for protecting, at customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.
- (7) After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 Application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance, and operation of the generating facility comply with the requirements of this tariff.
- (8) For Level 1 and 2 generating facilities, where required by the Company, an eligible customer shall furnish and install on customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the customer's energy generating equipment from Company's electric service under the full rated conditions of the customer's generating facility. The external disconnect switch (EDS) shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the customer shall be responsible for ensuring that the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times. The Company may waive the requirement for an EDS for a generating facility at its sole discretion, and on a case-by-case basis, upon review of the generating facility operating parameters and if permitted under the Company's safety and operating protocols.

The Company shall establish a training protocol for line workers on the location and use of the EDS, and shall require that the EDS be used when appropriate, and that the switch be turned back on once the disconnection is no longer necessary.

- (9) Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or customer's electric system; (b) the generating facility is not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability, or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give customer notice of noncompliance including a description of the specific noncompliance condition and allow customer a reasonable time to cure the noncompliance prior to isolating the generating facilities. In emergency situations, when the Company is unable to immediately isolate or cause the customer to isolate only the generating facility, the Company may isolate the customer's entire facility.

(Cont'd on Sheet No. 27-7)

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**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR INTERCONNECTION, continued**

- (10) Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.
- (11) To the extent permitted by law, the customer shall protect, indemnify, and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the customer or the customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining, or operating the customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives, or contractors.
- The liability of the Company to the customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the customer is taking service.
- (12) The customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy) for both Level 1 and Level 2 generating facilities. Customer shall, upon request, provide Company with proof of such insurance at the time that application is made for net metering.
- (13) By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- (14) A customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer, or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the customer in writing and list what must be done to place the facility in compliance.
- (15) The customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

(Cont'd on Sheet No. 27-8)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 27-8  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 27-8

**TARIFF N.M.S.  
(Net Metering Service)**

**TERM OF CONTRACT.**

Any contract required under this tariff shall become effective when executed by both parties and shall continue in effect until terminated. The contract may be terminated as follows: (a) Customer may terminate the contract at any time by giving the Company at least sixty (60) days' written notice; (b) Company may terminate upon failure by the customer to continue ongoing operation of the generating facility; (c) either party may terminate 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 the contract or the rules or any rate schedule, tariff, regulation, contract, or policy of the Company, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) the Company may terminate by giving the customer at least thirty (30) days notice in the event that there is a material change in an applicable law, regulation or statute affecting this Agreement or which renders the system out of compliance with the new law or statute.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service and all provisions of the standard service tariff under which the customer takes service. This tariff is also subject to the applicable provisions of the Company's Technical Requirements for Interconnection.

(Cont'd on Sheet No. 27-9)

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File Case No. 2017-00179 Dated XXXXXXXX



**TARIFF N.M.S.  
(Net Metering Service)**

**Application For Interconnection And Net Metering – Level 1**

*Use this Application only for: 1.) a generating facility that is inverter based and certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, 2.) less than or equal to 30 kW generation capacity and 3.) connecting to Kentucky Power distribution system.*

Submit this Application to:

**D.G. Coordinator**  
**American Electric Power**  
**1 Riverside Plaza**  
**Columbus, Ohio 43215-2373**  
**614-716-4020 Office / 614-716-1414 Fax**  
**dgcoordinator@aep.com**

**(Contact person listed is subject to change.**  
**Please visit our website for up-to-date**  
**information <http://www.kentuckypower.com>)**

**Applicant**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

E-mail address: \_\_\_\_\_

**Service Location**

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Electric Service Account Number: \_\_\_\_\_

**Alternate Contacts**

*Provide names and contact information for other contractors, installers, or engineering firms involved in the design and installation of the generating facilities:*

<u>Name</u>	<u>Company</u>	<u>Telephone/Email</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Cont'd on Sheet No. 27-10)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.**  
**(Net Metering Service)**

***APPLICATION FOR INTERCONNECTION AND NET METERING,***  
***LEVEL 1 – CONTINUED***

**Equipment Qualifications**

Energy Source: ( ) Solar ( ) Wind ( ) Hydro ( ) Biogas ( ) Biomass

Inverter Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

Inverter Power Rating: \_\_\_\_\_ Voltage Rating: \_\_\_\_\_

Power Rating of Energy Source (i.e., solar panels, wind turbine): \_\_\_\_\_

Battery Storage: ( ) Yes ( ) No If Yes, Battery Power Rating: \_\_\_\_\_

*Attach documentation showing that inverter is certified by a nationally recognize testing laboratory to meet the requirements of UL 1741.*

*Attach site drawing or sketch showing locations of Kentucky Power Company meter, energy source, accessible disconnect switch and inverter.*

*Attach single line drawing showing all electrical equipment from the metering location to the energy source including switches, fuses, breakers, panels, transformers, inverters, energy source, wire size, equipment ratings, and transformer connections.*

**Expected Start-up Date:** \_\_\_\_\_

(Cont'd on Sheet No. 27-11)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1:**

- 1 Kentucky Power Company (Company) shall provide customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.
- 2 Customer shall install, operate, and maintain, at customer's sole cost and expense, any control, protective, or other equipment on the customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient, and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance, and safe operation of the generating facility. Upon reasonable request from the Company, customer shall demonstrate generating facility compliance.
- 3 The generating facility shall comply with, and the customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by the Institute of Electrical and Electronics Engineers (IEEE) and accredited testing laboratories such as Underwriters Laboratories (UL); (b) the National Electrical Code (NEC) as may be revised from time to time; (c) Company's rules, regulations, and Company's Terms and Conditions of Service as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- 4 Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- 5 Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics, or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
- 6 Customer shall be responsible for protecting, at customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.

(Cont'd on Sheet No. 27-12)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNES III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1, continued**

- 7 After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 Application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this tariff.
- 8 For Level 1 generating facilities, where required by the Company, an eligible customer shall furnish and install on customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the customer's energy generating equipment from Company's electric service under the full rated conditions of the customer's generating facility. The external disconnect switch (EDS) shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times. The Company may waive the requirement for an EDS for a generating facility at its sole discretion, and on a case-by-case basis, upon review of the generating facility operating parameters and if permitted under the Company's safety and operating protocols.
- The Company shall establish a training protocol for line workers on the location and use of the EDS, and shall require that the EDS be used when appropriate, and that the switch be turned back on once the disconnection is no longer necessary.
- 9 Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or customer's electric system; (b) the generating facility is not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give customer notice of noncompliance including a description of the specific noncompliance condition and allow customer a reasonable time to cure the noncompliance prior to isolating the generating facilities. In emergency situations, when the Company is unable to immediately isolate or cause the customer to isolate only the generating facility, the Company may isolate the customer's entire facility.
- 10 Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

(Cont'd on Sheet No. 27-13)

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1, continued**

- 11 To the extent permitted by law, the customer shall protect, indemnify, and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the customer or the customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives, or contractors.
- The liability of the Company to the customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the customer is taking service.
- 12 The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy) for Level 1 generating facilities. Customer shall, upon request, provide Company with proof of such insurance at the time that application is made for net metering.
- 13 By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- 14 Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer, or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the Customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the customer in writing and list what must be done to place the facility in compliance.
- 15 The customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

(Cont'd on Sheet No. 27-14)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 27-14  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 27-14

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1, continued**

**Effective Term and Termination Rights**

This Agreement becomes effective when executed by both parties and shall continue in effect until terminated. This Agreement may be terminated as follows: (a) Customer may terminate this Agreement at any time by giving the Company at least sixty (60) days' written notice; (b) Company may terminate upon failure by the Customer to continue ongoing operation of the generating facility; (c) either party may terminate 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 the Agreement or the Rules or any rate schedule, tariff, regulation, contract, or policy of the Company, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) the Company may terminate by giving the Customer at least thirty (30) days notice in the event that there is a material change in an applicable law, regulation or statute affecting this Agreement or which renders the system out of compliance with the new law or statute. I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true, and I agree to abide by all the Terms and Conditions included in this Application for Interconnection and Net Metering and Company's Net Metering Tariff.

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**COMPANY APPROVAL SECTION**

When signed below by a Company representative, Application for Interconnection and Net Metering is approved subject to the provisions contained in this Application and as indicated below.

Company inspection and witness test:  Required  Waived

If Company inspection and witness test is required, Customer shall notify the Company within three (3) business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within ten (10) business days of completion of the generating facility installation or as otherwise agreed to by the Company and the Customer. Unless indicated below, the Customer may not operate the generating facility until such inspection and witness test is successfully completed. Additionally, the Customer may not operate the generating facility until all other terms and conditions in the Application have been met.

Call: \_\_\_\_\_ to schedule an inspection and witness test.

Pre-Inspection operational testing not to exceed two (2) hours:  Allowed  Not Allowed

If Company inspection and witness test is waived, operation of the generating facility may begin when installation is complete, and all other terms and conditions in the Application have been met.

Additions, Changes, or Clarifications to Application Information:  None  As specified here:

\_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

(Cont'd on Sheet No. 27-15)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.**  
**(Net Metering Service)**

**Application for Interconnection and Net Metering – Level 2**

*Use this Application form for connecting to the Kentucky Power distribution system and: 1.) the generating facility is not inverter based or is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741 or 2.) does not meet any of the additional conditions under a Level 1 Application (inverter based and less than or equal to 30kW generation).*

Submit this Application (along with the application fee of \$100) to:

**DG Coordinator**  
**American Electric Power**  
**1 Riverside Plaza**  
**Columbus, Ohio 43215-2373**  
**614-716-4020 Office / 614-716-1414 Fax**  
**dgcoordinator@aep.com**

**(Contact person listed is subject to change.**  
**Please visit our website for up-to-date**  
**information <http://www.kentuckypower.com>)**

**Applicant**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Project Contact Person: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

E-mail Address: \_\_\_\_\_

**Service Location**

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Electric Service Account Number: \_\_\_\_\_

**Alternate Contacts**

*Provide names and contact information for other contractors, installers, or engineering firms involved in the design and installation of the generating facilities:*

<u>Name</u>	<u>Company</u>	<u>Telephone/Email</u>
_____	_____	_____
_____	_____	_____

(Cont'd on Sheet No. 27-16)

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DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**APPLICATION FOR INTERCONNECTION AND NET METERING,  
LEVEL 2 - CONTINUED**

**Equipment Qualifications**

Total Generating Capacity (kW) of the Generating Facility: \_\_\_\_\_

Type of Generator: ( ) Inverter-Based ( ) Synchronous ( ) Induction

Energy Source: ( ) Solar ( ) Wind ( ) Hydro ( ) Biogas ( ) Biomass

*Attach documentation showing that inverter is certified by a nationally recognizes testing laboratory to meet the requirements of UL 1741.*

*Attach site drawing or sketch showing locations of Kentucky Power Company meter, energy source, accessible disconnect switch and inverter.*

*Attach single line drawing showing all electrical equipment from the metering location to the energy source including switches, fuses, breakers, panels, transformers, inverters, energy source, wire size, equipment ratings, and transformer connections.*

Expected Start-up Date: \_\_\_\_\_

(Cont'd on Sheet No. 27-17)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX



**TARIFF N.M.S.  
(Net Metering Service)**

**Interconnection Agreement – Level 2**

**This Interconnection Agreement** (Agreement) is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between Kentucky Power Company (Company), and \_\_\_\_\_ (Customer). Company and Customer are hereinafter sometimes referred to individually as “Party” or collectively as “Parties”

**Witnesseth:**

**Whereas**, Customer is installing, or has installed, generating equipment, controls, and protective relays and equipment (Generating Facility) used to interconnect and operate in parallel with Company’s electric system, which Generating Facility is more fully described in Exhibit A, attached hereto and incorporated herein by this Agreement, and as follows:

Location: \_\_\_\_\_

Generator Size and Type: \_\_\_\_\_

**Now, Therefore**, in consideration thereof, Customer and Company agree as follows:

Company agrees to allow Customer to interconnect and operate the generating Facility in parallel with the Company’s electric system and Customer agrees to abide by Company’s Net Metering Tariff and all Terms and Conditions listed in this Agreement including any additional conditions listed in Exhibit A.

(Cont’d on Sheet No. 27-18)

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DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2:**

To interconnect to the Kentucky Power Company (Company) distribution system, the customer's generating facility shall comply with the following terms and conditions:

- 1 Company shall provide customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the customer requests any additional meter/meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.
- 2 Customer shall install, operate, and maintain, at customer's sole cost and expense, any control, protective, or other equipment on the customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient, and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance, and safe operation of the generating facility. Upon reasonable request from the Company, customer shall demonstrate generating facility compliance.
- 3 The generating facility shall comply with, and the customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by the Institute of Electrical and Electronics Engineers (IEEE) and accredited testing laboratories such as Underwriters Laboratories (UL); (b) the National Electrical Code (NEC) as may be revised from time to time; (c) Company's rules, regulations, and Company's Terms and Conditions of Service as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- 4 Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- 5 Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics, or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.

(Cont'd on Sheet No. 27-19)

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DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2, continued**

- 6 Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.
- 7 After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 Application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this tariff.
- 8 For Level 2 generating facilities, where required by the Company, an eligible customer shall furnish and install on customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the customer's energy generating equipment from Company's electric service under the full rated conditions of the customer's generating facility. The external disconnect switch (EDS) shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times. The Company may waive the requirement for an EDS for a generating facility at its sole discretion, and on a case-by-case basis, upon review of the generating facility operating parameters and if permitted under the Company's safety and operating protocols.

The Company shall establish a training protocol for line workers on the location and use of the EDS, and shall require that the EDS be used when appropriate, and that the switch be turned back on once the disconnection is no longer necessary.

- 9 Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or customer's electric system; (b) the generating facility is not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give customer notice of noncompliance including a description of the specific noncompliance condition and allow customer a reasonable time to cure the noncompliance prior to isolating the generating facilities. In emergency situations, when the Company is unable to immediately isolate or cause the customer to isolate only the generating facility, the Company may isolate the customer's entire facility.

(Cont'd on Sheet No. 27-20)

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2, continued**

- 10 Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components not resulting in increases in generating facility capacity is allowed without approval.
- 11 To the extent permitted by law, the customer shall protect, indemnify, and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the customer or the customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives, or contractors.
- The liability of the Company to the customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the customer is taking service.
- 12 The customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy). Customer shall provide Company with proof of such insurance at the time that application is made for net metering.
- 13 By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- 14 Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer, or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the customer in writing and list what must be done to place the facility in compliance.
- 15 The customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

(Cont'd on Sheet No. 27-21)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2, continued**

**Effective Term and Termination Rights**

This Agreement becomes effective when executed by both parties and shall continue in effect until terminated. This Agreement may be terminated as follows: (a) Customer may terminate this Agreement at any time by giving the Company at least sixty (60) days' written notice; (b) Company may terminate upon failure by the Customer to continue ongoing operation of the generating facility; (c) either party may terminate 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 the Agreement or the Rules or any rate schedule, tariff, regulation, contract, or policy of the Company, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) the Company may terminate by giving the Customer at least thirty (30) days notice in the event that there is a material change in an applicable law, regulation or statute affecting this Agreement or which renders the system out of compliance with the new law or statute.

IN WITNESS WHEREOF, the Parties have executed this Agreement, effective as of the date first above written.

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**Company Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_ **Title:** \_\_\_\_\_

(Cont'd on Sheet No. 27-22)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**Interconnection Agreement – Level 2  
Exhibit A**

- Exhibit A will contain additional detailed information about the Generating Facility such as a single line diagram, relay settings, and a description of operation.
- When construction of the Company's facilities is required, Exhibit A will also contain a description and associated cost.
- Exhibit A will also specify requirements for a Company inspection and witness test and when limited operation for testing or full operation may begin.

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF C.C.**  
**(Capacity Charge)**

**AVAILABILITY OF SERVICE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D. 2, G.S., S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S. C.S.-I.R.P., M.W., O.L., and S.L..

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**RATE.**

	<u>All Other</u>	<u>Service Tariff</u>	<u>I.G.S.</u>
Energy Charge per KWH per month	\$ 0.001185		\$ 0.000656

**RATE CALCULATION.**

1. Pursuant to the final order of the Kentucky Public Service Commission in Case No. 2004-00420 and the Settlement and Stipulation Agreement dated October 20, 2004 as filed and approved by the Commission, Kentucky Power Company is to recover from retail ratepayers the supplemental annual payments tied to the 18-year extension of the Rockport Unit Power Service Agreement (UPSA). Kentucky Power will apply surcharges designed to enable recovery from each tariff class of customers, an annual supplemental payment of \$5.1 million annually in Years 2005 through 2009, and then increases to \$6.2 million annually in Years 2010 through 2021, and then decreases to \$5,792,329 in Year 2022.
2. Kentucky Power will be entitled to receive these annual supplemental payments in addition to the base retail rates established by the Commission. The costs associated with the underlying Rockport Unit 1 and 2 UPSA will continue to be included in base rates.
3. The increased annual revenues will be generated by two different KWH rates, one for I.G.S. tariff customers and one for All Other tariff customers.
4. The allocation of the additional revenues to be collected from the I.G.S. tariff customers and All Other tariff customers will be based upon the total annual revenue of each of the two-customer classes. Once the additional revenues have been allocated between the two customer classes based upon total annual Kentucky retail revenue, the additional revenue will be collected within the two customer classes (I.G.S. and All Other tariffs) on a KWH basis. The KWH rate to be applied to each of these two customer class groups shall be sufficient to generate that portion of the total increase in annual revenues equal to the percentage of total annual revenues produced by each of the two customer class groups (I.G.S. and All Other tariffs).
5. The Stipulation and Settlement Agreement is made upon the express agreement by the Parties that the receipt by Kentucky Power of the additional revenues called for by Section III(1)(a) and III(1)(b) shall be accorded the ratemaking treatment set out in Section III. In any proceeding affecting the rates of Kentucky Power during the extension of the UPSA under this Stipulation and Settlement Agreement, the provisions of Section III are an express exception to Section VI(4) of the Stipulation and Settlement Agreement.
6. The Capacity Charge factors will be applied to bills monthly and will be shown on the Customer's bill as a separate line item.

(Cont'd on Sheet No. 28-2)

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TARIFF C.C.  
(Capacity Charge) Cont'd

RATE CALCULATION. (Cont'd)

7. The capacity charge will be adjusted annually to recover amounts authorized by the Commission.

The annual adjustment shall be determined as follows:

- A. Calculate the revenue over / under collection for the previous 12 month period,  $REV_{billed} - REV_{settlement} = REV_{diff}$
- B. Calculate the revenue requirement for the upcoming 12 month period,  $REV_{settlement} + REV_{diff} = REV_{authorized}$
- C. Calculate Capacity Charge Rates for the upcoming 12 month period,

$$IGS \text{ Capacity Charge} = \frac{REV_{authorized} \times (REV_{IGS} / REV_{Total})}{kWh_{IGS}}$$

$$\text{All Other Capacity Charge} = \frac{REV_{authorized} \times (REV_{All \text{ Other}} / REV_{Total})}{kWh_{All \text{ Other}}}$$

Where:

“REV<sub>Total</sub>” is the total revenue billed during the most recently available 12 month period.

“REV<sub>IGS</sub>” is the total IGS customer class revenue billed during the most recently available 12 month period.

“REV<sub>All Other</sub>” is the revenue billed from all other customer classes during the most recently available 12 month period.

“kWh<sub>IGS</sub>” is the IGS customer class total kWh billed during the most recently available 12 month period.

“kWh<sub>All Other</sub>” is the total kWh billed to all customer classes other than IGS during the most recently available 12 month period.

“REV<sub>billed</sub>” is the total capacity charge revenue billed during the most recently available 12 month period.

“REV<sub>settlement</sub>” is the \$6.2 million amount authorized to be billed during the 12 month period.

“REV<sub>diff</sub>” is the difference between capacity charge revenues billed and what the Company is authorized to collect in a 12 month period.

“REV<sub>authorized</sub>” is the capacity charge amount to be billed over the upcoming 12 month period.

8. The annual Capacity Charge Adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all necessary supporting data to justify the amount of the adjustments, which shall include data and information as may be required by the Commission.

Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

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In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF E.S.  
(Environmental Surcharge)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D. 2, G.S., S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S., C.S.- I.R.P., M.W., O.L., and S.L.,

**RATE.**

The environmental surcharge shall provide for monthly adjustments based on a percent of revenues, equal to the difference between the environmental compliance costs in the base period as provided in Paragraph 2 below and in the current period as provided in Paragraph 3 below.

The retail share of the revenue requirement will be allocated between residential and non-residential retail customers based upon their respective total revenues during the previous calendar year. The Environmental Surcharge will be implemented as a percentage of total revenues for the residential class and as a percentage of non-fuel revenues for all other customers.

- 1. Monthly Environmental Surcharge Gross Revenue Requirement, E(m)

Where: E(m) = CRR - BRR  
CRR = Current Period Revenue Requirement for the Expense Month.  
BRR = Base Period Revenue Requirement.

(Continued on Sheet 29-2)

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**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

RATE (Cont'd)

2. Base Period Revenue Requirement, BRR

BRR = The Following Monthly Amounts:

<u>Billing Month</u>	<u>Base Net Environmental Costs</u>
JANUARY 2016	\$ 4,136,938
FEBRUARY 2016	4,052,130
MARCH 2016	3,858,141
APRIL 2016	4,164,851
MAY 2016	4,093,983
JUNE 2016	4,323,338
JULY 2016	4,243,526
AUGUST 2016	4,382,364
SEPTEMBER 2016	4,118,637
OCTOBER 2016	4,303,417
NOVEMBER 2016	4,193,118
DECEMBER 2016	\$ 4,356,104
	<u>\$ 50,226,547</u>

In accordance with the Stipulation and Settlement Agreement approved by the Commission by its Order dated October 7, 2013 in Case No. 2012-00578, the Mitchell FGD and all related associated costs are not included in base rates or the Base Revenue Requirement but will be included in the Current Period Revenue Requirement. The Mitchell FGD will be excluded from Base Rates at least until June 30, 2020.

3. Current Period Revenue Requirement, CRR

$$CRR = [((RB_{KP(c)}) (ROR_{KP(c)}) / 12) + OE_{KP(c)} + (((RB_{IM(c)}) (ROR_{IM(c)}) / 12) + OE_{IM(c)})] (.15) - AS]$$

Where:

- $RB_{KP(c)}$  = Environmental Compliance Rate Base for Mitchell.
- $ROR_{KP(c)}$  = Annual Rate of Return on Mitchell Environmental Compliance Rate Base;  
Annual Rate divided by 12 to restate to a Monthly Rate of Return.

(Cont'd on Sheet 29-3)

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**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

**RATE (Cont'd)**

OE <sub>KP(C)</sub>	=	Monthly Pollution Control Operating Expenses for Mitchell.
RB <sub>IM(C)</sub>	=	Environmental Compliance Rate Base for Rockport.
ROR <sub>IM(C)</sub>	=	Annual Rate of Return on Rockport Rate Base; Annual Rate divided by 12 to restate to a Monthly Rate of Return.
OE <sub>IM(C)</sub>	=	Monthly Pollution Control Operating Expenses for Rockport.
AS	=	Net proceeds from the sale of Title IV and CSAPR SO <sub>2</sub> emission allowances, ERCs, and NOx emission allowances, reflected in the month of receipt.

“KP(C)” identifies components from Mitchell Units – Current Period, and “IM(C)” identifies components from the Indiana Michigan Power Company’s Rockport Units – Current Period.

The Environmental Compliance Rate Base for both Kentucky Power and Rockport reflects the current cost associated with the 1997 Plan, the 2003 Plan, the 2005 Plan, the 2007 Plan, the 2015 Plan, and the 2017 Plan. The Environmental Compliance Rate Base for Kentucky Power should also include a cash working capital allowance based on the 1/8 formula approach, due to the inclusion of Kentucky Power’s accounts receivable financing in the capital structure and weighted average cost of capital. The Operating Expenses for both Kentucky Power and Rockport reflects the current operating expenses associated with the 1997 Plan, the 2003 Plan, the 2005 Plan, the 2007 Plan, the 2015 Plan and the 2017 Plan.

The Rate of Return for Kentucky Power is 10.31% rate of return on equity as authorized by the Commission in its Order Dated XXXXX XX, 2017 in Case No. 2017-00179.

The Rate of Return for Rockport should reflect the requirements of the Rockport Unit Power Agreement.

Net Proceeds from the sale of emission allowances and ERCs that reflect net gains will be a reduction to the Current Period Revenue Requirement, while net losses will be an increase.

The Current Period Revenue Requirement will reflect the balances and expenses as of the Expense Month of the filing.

(Cont'd on Sheet No. 29-4)

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**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

**RATE (Cont'd)**

4. Revenue Allocation

$$\text{Residential Allocation RA(m)} = \frac{\text{KY Residential Retail Revenue RR(b)}}{\text{KY Retail Revenue R(b)}}$$

$$\text{All Other Allocation OA(m)} = \frac{\text{KY All Other Classes Retail Revenue OR(b)}}{\text{KY Retail Revenue R(b)}}$$

Where:

(m) = the expense month

(b) = most recent calendar year revenues

5. Environmental Surcharge Factor

$$\text{Residential Monthly Environmental Surcharge Factor} = \frac{\text{Net KY Retail E(m)} * \text{RA(m)}}{\text{KY RR(m)}}$$

$$\text{All Other Monthly Environmental Surcharge Factor} = \frac{\text{Net KY Retail E(m)} * \text{AO(m)}}{\text{KY OR(m) - KY OF(m)}}$$

Where:

Net KY Retail E(m) = Monthly E(m) allocated to Kentucky Retail Customers, net of Over/ (Under) Recovery Adjustment; Allocation based on Percentage of Kentucky Retail Revenues to Total Company Revenues in the Expense Month.

(For purposes of this formula, Total Company Revenues do not include Non -Physical Revenues.)

RR(m) = Average Kentucky Residential Retail Revenues for the Preceding Twelve Month Period

OR(m) = Average Kentucky All Other Classes Retail Revenues for the Preceding Twelve Month Period

OF(m) = Average Kentucky All Other Classes Fuel Revenues for the Preceding Twelve Month Period

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TARIFF E.S. (Cont'd)  
(Environmental Surcharge)

RATE (Cont'd)

6. Environmental costs "E" shall be the Company's costs of compliance with the Clean Air Act and those environmental requirements that apply to coal combustion wastes and by-products, as follows:

Total Company:

- return on Title IV and CASPR SO<sub>2</sub> allowance inventory
- over/under recovery balances between the actual costs incurred less the amount collected through the environmental surcharge
- costs associated with any Commission's consultant approved by the Commission
- costs associated with the consumption of Title IV and CSAPR SO<sub>2</sub> allowances
- costs associated with the consumption of NO<sub>x</sub> allowances
- return on NO<sub>x</sub> allowance inventory
- costs associated with maintaining approved pollution control equipment including material and contract labor (excluding plant labor)
- Costs associated with consumables used in conjunction with approved environmental projects.
- Return on inventories of consumables used in conjunction with approved environmental projects.

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(Cont'd on Sheet No. 29-6)

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**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

**RATE (Cont'd)**

The Company's share of costs associated with the following environmental equipment at the Rockport Plant:

- Continuous Emissions Monitors
- Air Emission Fees
- Costs Associated with the Rockport Unit Power Agreement
- Activated Carbon Injection
- Mercury Monitoring
- Precipitator Modifications
- Dry Sorbent Injection
- Coal Combustion Waste Landfill
- Low NO<sub>x</sub> burners, over Fire Air Landfill
- Selective Catalytic Reduction Technology at Unit 1

N

The Company's share of costs associated with the following environmental equipment at the Mitchell Plant:

- Mitchell Unit Nos 1 and 2 Water Injection, Low NO<sub>x</sub> burners, Low NO<sub>x</sub> burner Modification, SCR, FGD, Landfill, Coal Blending Facilities and SO<sub>3</sub> Mitigation
- Mitchell Plant Common CEMS, Replace Burner Barrier Valves and Gypsum Material Handling Facilities
- Air Emission Fees
- Precipitator Modifications and Upgrades
- Coal Combustion Waste Landfill
- Bottom Ash and Fly Ash Handling
- Mercury Monitoring (MATS)
- Dry Fly Ash Handling Conversion

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In Case No. 2017-00179 Dated XXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 29-7  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 29-7

**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

**RATE (Cont'd)**

7. The monthly environmental surcharge shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all necessary supporting data to justify the amount of the adjustments which shall include data and information as may be required by the Commission.

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 30-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 30-1

RESERVED FOR FUTURE USE

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**RIDER R.P.O.  
(Renewable Power Option Rider)**

**AVAILABILITY OF SERVICE.**

Available to customers taking metered service under the Company's R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, G.S., S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S., C.S.-I.R.P. and M.W. tariffs.

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Participation in this program under Option A may be limited by the ability of the Company to procure renewable energy certificates (RECs) from Renewable Resources. If the total of all kWh under contract under this Rider equals or exceeds the Company's ability to procure RECs, the Company may suspend the availability of this Rider to new participants.

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Customers who wish to directly purchase the electrical output and all associated environmental attributes from a renewable energy generator may contract bilaterally with the Company under Option B. Option B is available to customers taking metered service under the Company's I.G.S., and C.S.-I.R.P.

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**CONDITIONS OF SERVICE.**

Customers who wish to support the development of electricity generated by Renewable Resources may under Option A contract to purchase each month a specific number of fixed kWh blocks, or choose to cover all of their monthly usage.

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Renewable Resources shall be defined as Wind, Solar Photovoltaic, Biomass Co-Firing of Agricultural crops and all energy crops, Hydro (as certified by the Low Impact Hydro Institute), Incremental Improvements in Large Scale Hydro, Coal Mine Methane, Landfill Gas, Biogas Digesters, Biomass Co-Firing of All Woody Waste including mill residue, but excluding painted or treated lumber. All REC's purchased under Option A of this tariff shall be retained or retired by the Company on behalf of customers.

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**RATES.**

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**Option A:**

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In addition to the monthly charges determined according to the Company's tariff under which the customer takes metered service, the customer shall also pay the following rate for the REC option of their choosing. The charge will be applied to the customer's bill as a separate line item.

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The Company will provide customers at least 30-days' advance notice of any change in the Rate. At such time, the customer may modify or cancel their automatic monthly purchase agreement. Any cancellation will be effective at the end of the current billing period when notice is provided.

A1. Solar RECs:

Block Purchase: Charge (\$ per 100 kWh block): \$ 1.00/month  
All Usage Purchase: Charge: \$0.010/kWh consumed

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(Cont'd on Sheet 31-2)

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**RIDER R.P.O.**  
**(Renewable Power Option Rider)**

**RATES. (Cont'd)**

A2. Wind RECs:

Block Purchase: Charge (\$ per 100 kWh block): \$ 1.00/month  
All Usage Purchase: Charge: \$0.010/kWh consumed

A3. Hydro & Other RECs:

Block Purchase: Charge (\$ per 100 kWh block): \$ 0.30/month  
All Usage Purchase: Charge: \$0.003/kWh consumed

**Option B:**

Charges for service under option B of this Tariff will be set forth in the written agreement between the Company and the Customer and will reflect a combination of the firm service rates otherwise available to the Customer and the cost of the renewable energy resource being directly contracted for by the Customer.

**TERM.**

This is a voluntary program.

Under Option A Customers may participate through a one-time purchase, or establish an automatic monthly purchase agreement. Any payments under this program are nonrefundable. Customers participating under Option A may terminate service under this Rider by notifying the Company with at least thirty (30) days prior notice.

Under Option B, the term of the agreement will be determined in the written agreement between the Company and the Customer.

**SPECIAL TERMS AND CONDITIONS.**

This Rider is subject to the Company's Terms and Conditions of Service and all provisions of the tariff under which the customer takes service, including all payment provisions. The Company may deny or terminate service under this Rider to customers who are delinquent in payment to the Company.

Funds collected under this Renewable Power Option Rider will be used solely to purchase RECs for the program.

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**RIDER A.F.S.**  
**(Alternate Feed Service Rider)**

**AVAILABILITY OF SERVICE.**

Standard Alternate Feed Service (AFS) is a premium service providing a redundant distribution service provided through a redundant distribution line and distribution station transformer, with automatic or manual switch-over and recovery, which provides increased reliability for distribution service. Rider AFS applies to those customers requesting new or upgraded AFS after the effective date of this rider. Rider AFS also applies to existing customers that desire to maintain redundant service when the Company must make expenditures in order to continue providing such service.

Rider AFS is available to customers who request a primary voltage alternate feed and who normally take service under Tariffs M.G.S.-TOD, L.G.S., L.G.S.-TOD, I.G.S., or M.W. for their basic service requirements, provided that the Company has adequate capacity in existing distribution facilities, as determined by the Company, or if changes can be made to make capacity available. AFS provided under this rider may not be available at all times, including emergency situations.

**SYSTEM IMPACT STUDY CHARGE.**

The Company shall charge the customer for the actual cost incurred by the Company to conduct a system impact study for each site reviewed. The study will consist of, but is not limited to, the following: (1) identification of customer load requirements, (2) identification of the potential facilities needed to provide the AFS, (3) determination of the impact of AFS loading on all electrical facilities under review, (4) evaluation of the impact of the AFS on system protection and coordination issues including the review of the transfer switch, (5) evaluation of the impact of the AFS request on system reliability indices and power quality, (6) development of cost estimates for any required system improvements or enhancements required by the AFS, and (7) documentation of the results of the study. The Company will provide to the customer an estimate of charges for this study.

**EQUIPMENT AND INSTALLATION CHARGE.**

The customer shall pay, in advance of construction, a nonrefundable amount for all equipment and installation costs for all dedicated and/or local facilities provided by the Company required to furnish either a new or upgraded AFS. The payment shall be grossed-up for federal and state taxes, assessment fees and gross receipts taxes. The customer will not acquire any title in said facilities by reason of such payment. The equipment and installation charge shall be determined by the Company and shall include, but not be limited to, the following: (1) all costs associated with the AFS dedicated and/or local facilities provided by the Company and (2) any costs or modifications to the customer's basic service facilities.

The customer is responsible for all costs associated with providing and maintaining phone service for use with metering to notify the Company of a transfer of service to the AFS or return to basic service.

**TRANSFER SWITCH PROVISION.**

In the event the customer receives basic service at primary voltage, the customer shall install, own, maintain, test, inspect, operate and replace the transfer switch. Customer-owned switches are required to be at primary voltage and must meet the Company's engineering, operational and maintenance specifications. The Company reserves the right to inspect the customer-owned switches periodically and to disconnect the AFS for adverse impacts on reliability or safety.

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**RIDER A.F.S.  
(Alternate Feed Service Rider)**

**TRANSFER SWITCH PROVISION (CONTINUED).**

Existing AFS customers, who receive basic service at primary voltage and are served via a Company-owned transfer switch and control module, may elect for the Company to continue ownership of the transfer switch. When the Company-owned transfer switch and/or control module requires replacement, and the customer desires to continue the AFS, the customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state taxes, assessment fees and gross receipts taxes. In addition, the customer shall pay a monthly rate of \$14.67 for the Company to annually test the transfer switch / control module and the customer shall reimburse the Company for the actual costs involved in maintaining the Company-owned transfer switch and control module.

In the event a customer receives basic service at secondary voltage and requests AFS, the Company will provide the AFS at primary voltage. The Company will install, own, maintain, test, inspect and operate the transfer switch and control module. The customer shall pay the Company a nonrefundable amount for all costs associated with the transfer switch installation. The payment shall be grossed-up for federal and state taxes, assessment fees and gross receipts taxes. In addition, the customer is required to pay the monthly rate for testing and ongoing maintenance costs defined above. When the Company-owned transfer switch and/or control module requires replacement, and the customer desires to continue the AFS, customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state taxes, assessment fees and gross receipts taxes.

After a transfer of service to the AFS, a customer utilizing a manual or semi-automatic transfer switch shall return to the basic service within one (1) week or as mutually agreed to by the Company and customer. In the event system constraints require a transfer to be expedited, the Company will endeavor to provide as much advance notice as possible to the customer. However, the customer shall accomplish the transfer back to the basic service within ten minutes if notified by the Company of system constraints. In the event the customer fails to return to basic service within 12 hours, or as mutually agreed to by the Company and customer, or within ten minutes of notification of system constraints, the Company reserves the right to immediately disconnect the customer's load from the AFS source. If the customer does not return to the basic service as agreed to, or as requested by the Company, the Company may also provide 30 days' notice to terminate the AFS agreement with the customer.

The customer shall make a request to the Company for approval three days in advance for any planned switching.

**MONTHLY AFS CAPACITY RESERVATION DEMAND CHARGE.**

Monthly AFS charges will be in addition to all monthly basic service charges paid by the customer under the applicable tariff.

The Monthly AFS Capacity Reservation Demand Charge for the reservation of distribution station and primary lines is \$5.86 per kW.

**AFS CAPACITY RESERVATION.**

The customer shall reserve a specific amount of AFS capacity equal to, or less than, the customer's normal maximum requirements, but in no event shall the customer's AFS capacity reservation under this rider exceed the capacity reservation for the customer's basic service under the appropriate tariff. The Company shall not be required to supply AFS capacity in excess of that reserved except by mutual agreement.

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**RIDER A.F.S.**  
**(Alternate Feed Service Rider)**

**AFS CAPACITY RESERVATION (continued).**

If the customer plans to increase the AFS demand at anytime in the future, the customer shall promptly notify the Company of such additional demand requirements. The customer's AFS capacity reservation and billing will be adjusted accordingly. The customer will pay the Company the actual costs of any and all additional dedicated and/or local facilities required to provide AFS in advance of construction and pursuant to an AFS construction agreement. If customer exceeds the agreed upon AFS capacity reservation, the Company reserves the right to disconnect the AFS. If the customer's AFS metered demand exceeds the agreed upon AFS capacity reservation, which jeopardizes company facilities or the electrical service to other customers, the Company reserves the right to disconnect the AFS immediately. If the Company agrees to allow the customer to continue AFS, the customer will be required to sign a new AFS agreement reflecting the new AFS capacity reservation. In addition, the customer will promptly notify AEP regarding any reduction in the AFS capacity reservation.

The customer may reserve partial-load AFS capacity, which shall be less than the customer's full requirements for basic service subject to the conditions in this provision. Prior to the customer receiving partial-load AFS capacity, the customer shall be required to demonstrate or provide evidence to the Company that they have installed demand-controlling equipment that is capable of curtailing load when a switch has been made from the basic service to the AFS. The Company reserves the right to test and verify the customer's ability to curtail load to meet the agreed upon partial-load AFS capacity reservation.

**DETERMINATION OF BILLING DEMAND.**

**Full-Load Requirement:**

For customers requesting AFS equal to their load requirement for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute integrated peak as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly billing demand on the AFS during the past 11 months, or (c) the customer's basic service capacity reservation, or (d) the customer's highest previously established monthly billing demand on the basic service during the past 11 months.

**Partial-Load Requirement:**

For customers requesting partial-load AFS capacity reservation that is less than the customer's full requirements for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute integrated peak on the AFS as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly metered demand on the partial-load AFS during the past 11 months.

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet No. 32-4)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**RIDER A.F.S.**  
**(Alternate Feed Service Rider)**

**TERMS OF CONTRACT.**

The AFS agreement under this rider will be made for a period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this rider.

Disconnection of AFS under this rider due to reliability or safety concerns associated with customer-owned transfer switches will not relieve the customer of payments required hereunder for the duration of the agreement term.

**SPECIAL TERMS AND CONDITIONS.**

This rider is subject to the Company's Terms and Conditions of Service.

Upon receipt of a request from the customer for non-standard AFS (AFS which includes unique service characteristics different from standard AFS), the Company will provide the customer with a written estimate of all costs, including system impact study costs, and any applicable unique terms and conditions of service related to the provision of the non-standard AFS. An AFS agreement will be filed with the Commission under the 30-day filing procedures. The AFS agreement shall provide full disclosure of all rates, terms and conditions of service under this rider, and any and all agreements related thereto.

The Company will have sole responsibility for determining the basic service circuit and the AFS circuit.

The Company assumes no liability should the AFS circuit, transfer switch, or other equipment required to provide AFS fail to operate as designed, is unsatisfactory, or is not available for any reason.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 33-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 33-1

**U.G.R.T.  
(Utility Gross Receipts Tax)  
(School Tax)**

**APPLICABLE.**

To all Tariff Schedules.

**RATE.**

This tariff schedule is applied as a rate increase pursuant to KRS 160.617 to all other tariff schedules for the recovery by the utility of the utility gross receipts license tax imposed by the applicable school district pursuant to KRS 160.613 with respect to the customer's bill. The current utility gross receipts license tax for school imposed by a school district may not exceed 3%. The utility gross receipts license tax shall appear on the customer's bill as a separate line item.

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 34-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 34-1

**K.S.T.**  
**(Kentucky Sales Tax)**

**APPLICABLE.**

To all Tariff Schedules.

**RATE.**

This tariff schedule is applied as a rate increase to all other applicable tariff schedules for the recovery by the utility pursuant to KRS 139.210 of the Kentucky Sales Tax imposed by KRS 139.200 for all customers not exempted by KRS 139.470(8). For any other exempt customers, an exemption certification must be received and on file with the Company. The Kentucky Sales Tax rate is currently imposed by the Commonwealth of Kentucky at the rate of 6%. The Kentucky Sales Tax shall appear on the customer's bill as a separate line item.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 35-1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 35-1

**TARIFF P.P.A.  
(Purchase Power Adjustment)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, G.S.; S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S., C.S. - I.R.P., M.W., O.L. and S.L.

**RATE.**

The annual purchase power adjustment factor will be computed using the following formula:

1. Annual Purchase Power Net Costs (PPANC)

$$PPANC = N + RP + CSIRP + G + OATT - BPP$$

Where:

BPP = The annual amount of purchase power costs included in base rates, \$79,076,785.

- a. N = The annual cost of power purchased by the Company through new Purchase Power Agreements. All new purchase power agreements shall be approved by the Commission to the extent required by KRS 278.300.
- b. RP = The annual purchased power costs not otherwise recoverable in the Fuel Adjustment Clause including but not limited to the cost of fuel related substitute generation less the cost of fuel which would have been used in plants suffering forced generation or transmission outages and the cost of purchases in excess of the highest cost owned or leased unit.
- c. CSIRP = The net annual cost of any credits provided to customers under Tariff C.S.-I.R.P. for interruptible service.
- d. G = The annual gains and losses on incidental gas sales; and
- e. OATT = The net annual PJM load-serving entity Open Access Transmission Tariff Charges.

(Cont'd on Sheet No. 35-2)

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 35-2  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 35-2

**TARIFF P.P.A. (Cont'd)**  
**(Purchase Power Adjustment)**

**RATES.**

Tariff Class	\$/kWh	\$/kW
R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., and R.S.-T.O.D. 2, R.S.D.	\$0.00000	--
S.G.S.-T.O.D.	\$0.00000	--
M.G.S.-T.O.D.	\$0.00000	--
G.S.	\$0.00000	--
L.G.S., L.G.S.-T.O.D.	\$0.00000	\$0.00
L.G.S.-L.M.-T.O.D.	\$0.00000	--
I.G.S. and C.S.-I.R.P.	\$0.00000	\$0.00
M.W.	\$0.00000	--
O.L.	\$0.00000	--
S.L.	\$0.00000	--

The kWh factor as calculated above will be applied to all billing kilowatt-hours for those tariff classes listed above. The kW factor as calculated above will be applied to all on-peak and minimum billing demand kW for the LGS and IGS tariff classes.

The Purchase Power Adjustment factors shall be modified annually using the following formula:

The Purchase Power Adjustment factors shall be determined as follows:

For all tariff classes without demand billing:

$$\text{kWh Factor} = \frac{\text{PPA(E)} \times (\text{BE}_{\text{Class}} / \text{BE}_{\text{Total}}) + \text{PPA(D)} \times (\text{CP}_{\text{Class}} / \text{CP}_{\text{Total}})}{\text{BE}_{\text{Class}}}$$

$$\text{kW Factor} = 0$$

For all tariff classes with demand billing:

$$\text{kWh Factor} = \frac{\text{PPA(E)} \times (\text{BE}_{\text{Class}} / \text{BE}_{\text{Total}})}{\text{BE}_{\text{Class}}}$$

$$\text{kW Factor} = \frac{\text{PPA(D)} \times (\text{CP}_{\text{Class}} / \text{CP}_{\text{Total}})}{\text{BD}_{\text{Class}}}$$

(Cont'd on Sheet No. 35-3)

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N

N

**TARIFF P.P.A. (Cont'd)**  
**(Purchase Power Adjustment)**

**RATES. (Cont'd)**

Where:

1. "PPA(D)" is the actual annual retail PPA demand-related costs, plus any prior review period (over)/under recovery.
2. "PPA(E)" is the actual annual retail PPA energy-related costs, plus any prior review period (over)/under recovery.
3. "BE<sub>Class</sub>" is the historic annual retail jurisdictional billing kWh for each tariff class for the current year.
4. "BD<sub>Class</sub>" is the historic annual retail jurisdictional billing kW for each applicable tariff class for the current year.
5. "CP<sub>Class</sub>" is the coincident peak demand for each tariff class estimated as follows:

Tariff Class	BE <sub>Class</sub>	CP/kWh Ratio	CP <sub>Class</sub>
R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., and R.S.-T.O.D. 2, R.S.D.		0.0240909%	
S.G.S.-T.O.D.		0.0196553%	
M.G.S.-T.O.D.		0.0196553%	
G.S.		0.0196553%	
L.G.S., L.G.S.-T.O.D.		0.0170480%	
L.G.S.-L.M.-T.O.D.		0.0170480%	
I.G.S. and C.S.-I.R.P.		0.0118222%	
M.W.		0.0135480%	
O.L.		0.0000000%	
S.L.		0.0000000%	

6. "BE<sub>Total</sub>" is the sum of the BE<sub>Class</sub> for all tariff classes.
7. "CP<sub>Total</sub>" is the sum of the CP<sub>Class</sub> for all tariff classes.
8. The factors as computed above are calculated to allow the recovery of Uncollectible Accounts Expense of 0.34% and the KPSC Maintenance Fee of 0.1941% and other similar revenue based taxes or assessments occasioned by the Big Sandy Unit 1 Operation Rider revenues.
9. The annual PPA factors shall be filed with the Commission by August 15 of each year, with rates to begin with the October billing period, along with all necessary supporting data to justify the amount of the adjustments, which shall include data and information as may be required by the Commission.

Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 36-1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 36-1

**RESERVED FOR FUTURE USE**

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF E.D.R.**  
**(Economic Development Rider)**

**AVAILABILITY OF SERVICE.**

To encourage economic development in the Company's service territory, limited-term reductions in billing demand charges described herein are offered to qualifying new and existing retail customers who make application for service under this Rider.

Service under this Economic Development Rider (EDR) is intended for specific types of commercial and industrial customers whose operations, by their nature, will promote sustained economic development based on plant and facilities investment and job creation. Availability is limited to customers on a first-come, first-served basis until such time as a total of 250 MW of new load has been added to Kentucky Power's system under the EDR. The EDR is available to commercial and industrial customers served under Tariffs L.G.S., I.G.S. who meet the following requirements:

- (1) A new customer must have at least a monthly maximum billing demand of 500 kW. An existing customer must increase its monthly maximum billing demand by at least 500 kW over the current Base Maximum Billing Demand in order to receive the Incremental Billing Demand Discount (IBDD).
- (2) A new customer, or the business expansion by an existing customer, will receive a Supplemental Billing Demand Discount (SBDD) for creating and sustaining at least 25 new permanent full time jobs over the contract term at the service location. The Company reserves the right to verify job counts. Failure to demonstrate the creation of new employment positions or to maintain the employment during the contract term will result in the termination of the supplemental discount.
- (3) The customer must demonstrate to the Company's satisfaction that, absent the availability of this EDR, the qualifying new or increased electrical demand would be located outside of the Company's service territory or would not be placed in service.

**TERMS AND CONDITIONS.**

- (1) The Company will offer the EDR to qualifying customers with new or increased load when the Company has sufficient generating capacity available. When sufficient generating capacity is not available, the Company will procure the additional capacity on the customer's behalf. The cost of capacity procured on behalf of the customer shall reduce on a dollar-for-dollar basis the customer's IBDD and SBDD. Such reduction shall be capped so that the customer's maximum demand charge shall be the non-discounted tariff demand charge. The reduction will be applied in reverse chronological order beginning with the most recent customer to receive discounted service under this tariff. Last customer to sign up for the EDR tariff would be the first customer responsible for paying the cost of incremental capacity purchases. In any year during the discount period in which the customer pays the full tariff demand charge for all twelve months, the Company will reduce the term of the contract by one year.
- (2) The new or increased load cannot accelerate the Company's plans for additional generating capacity during the period for which the customer receives a demand discount. Customers receiving Temporary Service are not eligible for this EDR.
- (3) To receive service under this EDR, the customer shall make written application to the Company with sufficient information contained therein to determine the customer's eligibility for service. At a minimum, such information will include:

(Cont'd on Sheet 37-2)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**TERMS AND CONDITIONS-(Cont'd).**

- a. A description and good faith estimate of the new or increased load to be served during each year of the contract,
  - b. The number of new employees or jobs that will be added as a result of the new load,
  - c. A description of the anticipated capital investment, and
  - d. A description of all other federal, state or local economic development tax incentives, grants, or any other incentives / assistance associated with the new or expanded project.
  - e. A statement that without the EDR discount, the customer would locate elsewhere or chose not to expand within Kentucky Power's service territory.
- (3) For new and existing customers, billing demands for which reductions will be for service at a new service location or expanded production at an existing facility and not merely the result of a change of ownership. Relocation of the delivery point of the Company's service, moving existing equipment from another KPCo-served location or load transfers from another KPCo-served location do not qualify as a new service location. Relocating existing facilities from within the Company's service territory shall not disqualify the customer from the IBDD as long as the new relocated facility exceeds the Base Maximum Billing Demand of the previous facility by the minimum required amount.
  - (4) For existing customers, billing demands for which deductions will be applicable under this EDR shall be the result of an increase in business activity and not merely the result of resumption of normal operations following a force majeure, strike, equipment failure, renovation or refurbishment, or other such abnormal operating condition. In the event that such an occurrence has taken place prior to the date of the application by the customer for service under this EDR, the monthly Base Maximum Billing Demand shall be adjusted as appropriate for this analysis to eliminate the effects of such occurrence.
  - (5) Service under the EDR will be offered under the applicable Tariff L.G.S., I.G.S. schedule. An EDR will be filed as a Special Contract and must be approved by the Kentucky Public Service Commission before it can be implemented. The total contract period is equal to twice the number of years for which the customer receives a demand discount. The special contract term will be for two (2), four (4), six (6), eight (8), and (ten) 10 years only.
  - (6) The IBDD and the SBDD, if applicable, begin when the customer's new or expanded operations are billed for service under this Rider. Temporary jobs created during the construction of new facilities or the expansion phase of existing operations are not eligible to be counted as permanent jobs for the purposes of this EDR.
  - (7) If construction of new or expanded local distribution and/or transmission related facilities by the Company is required in order to provide the additional service, the customer may be required to make a contribution-in-aid of construction (CIAC) for the installed cost of such facilities pursuant to the provisions of the Company's Terms and Conditions of Service. The total cost of the CIAC, including gross-up by the effect of applicable taxes, will be recovered over the life of the EDR contract period, with no less than 80% recovered during the period for which the customer receives a demand discount. If the customer breaches the terms of the contract or ends the contract prematurely, any unpaid contribution-in-aid of construction must be paid to the Company and any EDR discounts provided to the customer must be repaid to the Company. CIAC payment provided under this Rider supersedes the other payment provisions only in the Company's Terms and Conditions Sheet 2-5 Section 9.

(Cont'd on Sheet 37-3)

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**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**TERMS AND CONDITIONS (Cont'd).**

- (8) The L.G.S., and I.G.S. tariffs each contain a monthly minimum billing demand charge provision. The minimum demand charge provision is waived for EDR customers for up to 36 months depending upon the length of the contract. The provision is waived for the first 36 months of a 10 year contract, the first 24 months of an 8 year contract and the first 12 months of a 6 year contract. If during the special contract discount period, the customer's monthly demand falls below the minimum billing demand level for four (4) consecutive months or six (6) months total in a contract year, then the EDR discount will not be applied and the appropriate tariff minimum billing demand charge provision will be in force until the customer achieves the minimum billing demand level. Applicable EDR discounts will be applied to the qualifying incremental maximum billing demand only and will appear as a separate line item on the customer's bill.

**DETERMINATION OF MONTHLY QUALIFYING INCREMENTAL BILLING DEMAND.**

For the purposes of this Rider, the monthly qualifying incremental billing demand will be calculated in the following manner:

Where the new qualifying incremental demand resides in new facilities (or separate facilities for existing customers), those facilities may be metered on a separate meter according to Tariffs L.G.S., I.G.S., for the current billing period and the incremental billing demand will be calculated based upon that facility's meter readings.

Where the new qualifying incremental demand resides in a customer's existing facility with sufficient service and metering capability to accommodate the business expansion, the qualifying incremental billing demand is equal to demand in excess of the Base Maximum Billing Demand. The Base Maximum Billing Demand for each billing month will be calculated by the Company as the average of the previous three years, corresponding month maximum billing demands, subject to Terms and Conditions Items (3) and (4), and will be agreed to by the customer in advance.

**DETERMINATION OF INCREMENTAL BILLING DEMAND DISCOUNT.**

Customers meeting all Availability of Service and Terms and Conditions above may contract for service for a period of up to ten (10) years, with a commensurate discount period of up to five (5) years. The (IBDD) for a ten (10) year contract follows:

- (a) For the twelve consecutive monthly billings of the first contract year, the qualifying incremental billing demand charge shall be reduced by 50% from the applicable tariff L.G.S., I.G.S., demand charge;
- (b) For the twelve consecutive monthly billings of the second contract year, the qualifying incremental billing demand charge shall be reduced by 40% from the applicable tariff L.G.S., I.G.S., demand charge;
- (c) For the twelve consecutive monthly billings of the third contract year, the qualifying incremental billing demand charge shall be reduced by 30% from the applicable tariff L.G.S., I.G.S., demand charge;

(Cont'd on Sheet 37-4)

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**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**DETERMINATION OF INCREMENTAL BILLING DEMAND DISCOUNT (Cont'd).**

- (d) For the twelve consecutive monthly billings of the fourth contract year, the qualifying incremental billing demand charge shall be reduced by 20% from the applicable tariff L.G.S., I.G.S., charge, but shall not be less than the applicable tariff rate schedule minimum billing demand;
- (e) For the twelve consecutive monthly billings of the fifth contract year, the qualifying incremental billing demand charge shall be reduced by 10% from the applicable tariff L.G.S., I.G.S., demand charge, but shall not be less than the applicable tariff rate schedule minimum billing demand; and
- (f) All subsequent monthly billings shall be at the full charges stated in the applicable tariff rate schedule for contract years six (6) through ten (10).

The starting point for the IBDD is dependent upon the length of contract: i.e., an eight (8) year contract will have four (4) years of discount beginning with the IBDD of 40% in year one (1). Similarly, a six (6) year contract will have three (3) years of discount beginning with the IBDD of 30% in year one (1).

**DETERMINATION OF SUPPLEMENTAL BILLING DEMAND DISCOUNT.**

At the Company's discretion, a (SBDD) which is applicable to the monthly incremental billing demand charge is available to customers meeting all Availability of Service and Terms and Conditions above, and that create at least twenty five (25) new permanent job opportunities in the facility and that maintain those job opportunities in each discount year. The amount of additional discount is determined by the actual number of jobs maintained in each year. The SBDD for a ten (10) year contract follows:

- (a) For the twelve consecutive monthly billings of the first contract year, the qualifying incremental billing demand charge shall be reduced an additional 5% for an increase of at least 50 jobs or 2.5% for an increase of at least 25 jobs;
- (b) For the twelve consecutive monthly billings of the second contract year, the qualifying incremental billing demand charge shall be reduced 4.5% for at least 50 jobs or 2.0% for at least 25 jobs.
- (c) For the twelve consecutive monthly billings of the third contract year, the qualifying incremental billing demand charge shall be reduced an additional 4% for an increase of at least 50 jobs or 1.5% for an increase of at least 25 jobs;
- (d) For the twelve consecutive monthly billings of the fourth contract year, the qualifying incremental billing demand charge shall be reduced an additional 3.5% for an increase of at least 50 jobs or 1.0% for an increase of at least 25 jobs;

(Cont'd on Sheet 37-5)

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**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**DETERMINATION OF SUPPLEMENTAL BILLING DEMAND DISCOUNT (Cont'd).**

- (e) For the twelve consecutive monthly billings of the fifth contract year, the qualifying incremental billing demand charge shall be reduced an additional 3% for an increase of at least 50 jobs or 0.5% for an increase of at least 25 jobs; and
- (f) All subsequent monthly billing shall be at the full charges stated in the applicable tariff rate schedule for contract years six (6) through ten (10)

The length of the SBDD shall be identical to the length of the IBDD. The starting point for the discount will be commensurate with the contract length, i.e., an eight (8) year contract will have four (4) years of discount with the SBDD of either 4.5% or 2.0% as appropriate in year one (1).

The appropriate discount(s) shall be applicable over a period of up to 60 consecutive billing months beginning with the first such month following the end of the start-up period. The start-up period shall commence with the effective date of the contract addendum for service under this EDR and shall terminate by mutual agreement between the Company and the customer. In no event shall the start-up period exceed 12 months.

**TERMS OF CONTRACT.**

A contract or agreement addendum for service under this Rider, in addition to service under Tariffs L.G.S., I.G.S., shall be executed by the customer and the Company for the time period which includes the start-up period and the multi-year period during which a Total Demand Charge discount is in effect and an equal multi-year period during which the customer agrees to pay the full rates in the applicable Tariff rate schedule.

At a minimum, the contract or agreement addendum shall specify the Base Maximum Billing Demand, the anticipated annual total qualifying demand, the Adjustment Factor and related provisions to be applicable under this Rider, and the effective date for the contract addendum.

The customer may discontinue service under this Rider before the end of the contract or agreement addendum only by reimbursing the Company for any and all demand reductions received under this Rider when billed at the applicable tariff schedule rate.

**SPECIAL TERMS AND CONDITIONS.**

Except as otherwise provided in this Rider, written agreements shall remain subject to all of the provisions of the applicable tariffs. This Rider is subject to the Company's Terms and Conditions of Service.

(Cont'd on Sheet No. 37-6)

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**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**SPECIAL PROVISION FOR CUSTOMERS ENGAGED IN COAL EXTRACTION OR PROCESSING ACTIVITIES.**

Customers engaged in coal extraction or processing activities may receive IBDD for a one-year period or a two-year period upon the terms and conditions of this tariff, except as expressly provided below, by executing a special economic development rider agreement:

<b>One-Year Economic Development Rider Agreement</b>	
Contract Year	IBDD
1	10%

<b>Two-Year Economic Development Rider Agreement</b>	
Contract Year	IBDD
1	20%
2	10%

Customers may reduce in whole or part the incremental billing demand that is the subject of the Economic Development Rider agreement at the expiration of the term of the Economic Development Rider agreement without further obligation. Customers wishing to maintain in whole or part the Economic Development Rider agreement billing demand following the expiration of the agreement shall enter into a new agreement for the incremental billing demand. Such incremental billing demand shall be subject to the applicable full tariff billing demand rate.

Nothing in this provision shall prevent the Company from entering into a special contract, subject to Commission approval, addressing requests to maintain existing load.

This Special Provision for Customers Engaged in Coal Extraction or Processing Activities shall expire on December 31, 2017.

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By Authority Of An Order By The Public Service Commission

In Case No. 2017-00179 Dated XXXX

**DECOMMISSIONING RIDER  
 (D.R.)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, G.S., S.G.S.-T.O.D., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., I.G.S., C.S.- I.R.P., M.W., O.L., and S.L..

**RATE.**

1. Pursuant to the final order of the Kentucky Public Service Commission in Case No. 2012-00578 and the Stipulation and Settlement Agreement dated July 2, 2013 as filed and approved by the Commission, Kentucky Power Company is to recover from retail ratepayers the coal-related retirement costs of Big Sandy Unit 1, the retirement costs of Big Sandy Unit 2 and other site-related retirement costs that will not continue in use on a levelized basis, including a weighted average cost of capital (WACC) as set in the Company's most recent Rate Case carrying cost over a 25 year period beginning with the date rates became effective in Case No. 2014-00396. The term "Retirement Costs" are defined as and shall include the net book value, materials and supplies that cannot be used economically at other plants owned by Kentucky Power, and removal costs and salvage credits, net of related ADIT. Related ADIT shall include the tax benefits from tax abandonment losses.
2. The allocation of the actual revenue requirement (ARR) between residential and all other customers shall be based upon their respective contribution to total retail revenues for the most recent twelve month period, ending June 30 according to the following formula:

$$\text{Residential Allocation RA}(y) = \text{ARR}(y) \times \frac{\text{KY Residential Retail Revenue RR}(b)}{\text{KY Retail Revenue R}(b)}$$

$$\text{All Other Allocation OA}(y) = \text{ARR}(y) \times \frac{\text{KY All Other Classes Retail Revenue OR}(b)}{\text{KY Retail Revenue R}(b)}$$

Where:

(y) = the expense year;

(b) = Most recent available twelve month period ended June 30.

3. The Residential D.R. Adjustment shall provide for annual adjustments based on a percent of total revenues, according to the following formula:

$$\text{Residential D.R. Adjustment Factor} = \frac{\text{Net Annual Residential Allocation NRA}(y)}{\text{Residential Retail Revenue RR}(b)}$$

Where:

$$\text{Net Annual Residential Allocation NRA}(b) = \text{Annual Residential Allocation RA}(y), \text{ net of Over/ (Under) Recovery Adjustment;}$$

$$\text{Residential Retail Revenue RR}(b) = \text{Annual Retail Revenue for all KY residential classes for the year (b).}$$

(Cont'd on Sheet No. 38-2)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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DECOMMISSIONING RIDER (CONT'D)

RATE. (Cont'd)

- 4. The All Other Classes D.R. Adjustment shall provide for annual adjustments based on a percent of non-fuel revenues, according to the following formula:

$$\text{All Other Classes D.R. Adjustment Factor} = \frac{\text{Net Annual All Other Allocation NOA (y)}}{\text{All Other Classes Non-Fuel Retail Revenue ONR(b)}}$$

Where:

$$\text{Net Annual All Other Allocation NOA(y)} = \text{Annual All Other Allocation OA(y), net of Over/ (Under) Recovery Adjustment;}$$

$$\text{All Other Classes Non-Fuel Retail Revenue ONR(b)} = \text{Annual Non-Fuel Retail Revenue for all classes other than residential for the year (b).}$$

- 5. The annual Decommissioning Rider adjustments shall be filed with the Commission no later than August 15<sup>th</sup> of each year before it is scheduled to go into effect on Cycle 1 of the October billing cycle, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
- 6. Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS61.870 to 61.884.

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**P.S.C KY. NO. 11  
CANCELLING P.S.C. KY. NO. 10**

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**KENTUCKY POWER COMPANY  
855 CENTRAL AVENUE  
SUITE 200  
ASHLAND, KY 41101**

**RATES-CHARGES-RULES-REGULATIONS  
FOR FURNISHING**

**ELECTRIC SERVICE**

**IN THE KENTUCKY TERRITORY SERVED  
BY KENTUCKY POWER COMPANY  
AS STATED ON SHEET NO. 1**

**FILED WITH THE PUBLIC SERVICE COMMISSION  
OF  
KENTUCKY**

**DATE OF ISSUE: June 28, 2017**  
**DATE EFFECTIVE: July 29, 2017**  
**ISSUED BY: John A. Rogness III**  
**TITLE: Director Regulatory Services**

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 1-1  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 1-1

INDEX		SHEET NO.	
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Capacity and Energy Control Program		3-1 thru 3-10 6	T
Standard Nominal Voltages		4-1	
Tariff F.A.C.	Fuel Adjustment Clause	5-1 thru 5-2	
Tariff R.S.	Residential Service	6-1 thru 6-4	
Tariff R.S.-L.M.-T.O.D.	Residential Load Management-Time-of-Day	6-5 thru 6-7	
Tariff R.S.-T.O.D.	Residential Service Time-of-Day	6-8 thru 6-10	T
Tariff R.S.-T.O.D. 2	Experimental Residential Service Time-of-Day 2	6-11 thru 6-13	
Tariff R.S.D.	Residential Demand-Meter Electric Service	6-14 thru 6-15	
Tariff G.S.	General Service	7-1 thru 7-4	N
<del>Tariff S.G.S.</del>	<del>Small General Service</del>	<del>7-1 thru 7-4</del>	D
Tariff S.G.S.-T.O.D.	Small General Service Time-of-Day	7-4 5 thru 7-6	T
<del>Tariff M.G.S.</del>	<del>Medium General Service</del>	<del>8-1 thru 8-4</del>	D
Tariff M.G.S.-T.O.D.	Medium General Service Time-of-Day	7-7 thru 7-8	T
Tariff XXX	Reserved For Future Use	8-1	D
Tariff L.G.S.	Large General Service	9-1 thru 9-4	
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<del>Tariff K-12 School</del>	<del>Public School Service</del>	<del>9-9 thru 9-12</del>	D
Tariff I.G.S.	Industrial General Service	10-1 thru 10-4	
Tariff C.S.-COAL	Contract Service - Coal Power	11-1 thru 11-3	
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Tariff M.W.	Municipal Waterworks	13-1 thru 13-3	
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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL  
 CANCELLING P.S.C. KY. NO. 11

SHEET NO. 1-2 Page 3 of 205  
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Tariff XXX	Reserved For Future Use	23-1	
<i>Tariff K.E.D.S.</i>	<i>KY. Economic Development Surcharge</i>	<i>24-1</i>	N
<i>Tariff H.E.A. P.</i>	<i>Home Energy Assistance Program</i>	<i>25-1</i>	N
Tariff N.U.G.	Non-Utility Generator	26-1 thru 26-3	
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(Cont'd on Sheet No. 1-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 1-3  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 1-3

INDEX (Cont'd)		
<u>TITLE</u>		<u>SHEET NO.</u>
<del>Rider Tariff B.S.R.R. D.R.</del>	<del>Big Sandy Retirement Rider Decommissioning Rider</del>	<del>38-1 thru 38-2</del>
<del>Rider-B.S.I.O.R.</del>	<del>Big Sandy 1 Operation Rider</del>	<del>39-1 thru 39-2</del>

**THE ABOVE TARIFFS ARE APPLICABLE TO THE ENTIRE TERRITORY SERVED BY KENTUCKY POWER COMPANY IN BOYD, BREATHITT, CARTER, CLAY, ELLIOTT, FLOYD, GREENUP, JOHNSON, KNOTT, LAWRENCE, LESLIE, LETCHER, LEWIS, MAGOFFIN, MARTIN, MORGAN, OWSLEY, PERRY, PIKE AND ROWAN COUNTIES.**

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In Case No. 2017-00179 Dated XXXXXXXX



**TERMS AND CONDITIONS OF SERVICE**

**1. APPLICATION.**

*Applications may be made in writing, on-line, or via telephone for customers who wish to have the Company provide electric service. Requests for service are to be made in the Customer's legal name by telephone or on line at: [www.kentuckypower.com](http://www.kentuckypower.com). The Company has the right to reject any request for service based on 807 KAR 5:006 Section 15 and associated tariffs.*

*The Company may require verification of ownership of property, lease, applicant's identity or other requested information.*

A copy of the tariffs and standard terms and conditions under which service is to be rendered to the Customer will be furnished upon request and the Customer shall elect upon which tariff applicable to his service his application shall be based. A copy of the tariff is also available on-line at [www.kentuckypower.com](http://www.kentuckypower.com).

If the Company requires a written agreement from a Customer before service will be commenced, a copy of the agreement will be furnished to the Customer upon request.

When the Customer desires delivery of energy at more than one point, a separate agreement may be required for each separate point of delivery. Service delivered at each point of delivery will be billed separately under the applicable tariff.

**2. INSPECTION.**

The Customer is responsible for the proper installation and maintenance of the customer's wiring and electrical equipment and the customer shall at all times be responsible for the character and condition thereof. The Company has no obligation to undertake inspection thereof and in no event shall be responsible therefore. However, the Company may *disconnect or refuse to connect to the customer's system service if the customer's wiring* is deemed unsafe by the Company.

*Company may also require a new state electrical inspection should tampering, illegal use or theft of service be the basis for disconnection of service.*

Where a Customer's premises are located in a municipality or other governmental subdivision where inspection laws or ordinances are in effect, the Company may withhold furnishing service to new installations until the Company has received evidence that the inspection laws or ordinances have been complied with.

Where a Customer's premises are located outside of an area where inspection service is in effect, the Company may require the delivery by the Customer to the Company of an agreement duly signed by the owner and/or tenant of the premises authorizing the connection to the wiring system of the Customer and assuming responsibility therefore. No responsibility shall attach to the Company because of any waiver of this requirement.

(Cont'd on Sheet No. 2-2)

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KENTUCKY POWER COMPANY

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CANCELLING P.S.C. KY. NO. 11 SHEET NO. 2-2

**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**3. SERVICE CONNECTIONS.**

Service connections will be provided in accordance with 807 KAR 5:041, Section 10.

The Customer should in all cases consult the Company before the Customer's premises are wired to determine the location of Company's point of service connection.

The Company will, when requested to furnish service, designate the location of its service connection. The Customer's wiring must, except for those cases listed below, be brought outside the building wall nearest the Company's service wires so as to be readily accessible thereto. When service is from an overhead system, the Customer's wiring must extend at least 18 inches beyond the building. Where Customers install service entrance facilities which have capacity and layout specified by the Company and/or install and use certain equipment specified by the Company, the Company may supply or offer to own certain facilities on the Customer's side of the point where the service wires attach to the building.

All inside wiring must be grounded in accordance with the requirements of the National Electrical Code or the requirements of any local inspection service authorized by a state or local authority.

When a Customer desires that energy be delivered at a point or in a manner other than that designated by the Company, the Customer shall pay the additional cost of same.

**4. DEPOSITS.**

Prior to providing service or at any time thereafter, the Company may require a cash deposit or other guaranty acceptable to the Company to secure payment of bills except for customers qualifying for service reconnection pursuant to 807 KAR 5:006, Section 16, Winter Hardship Reconnection. Service may be refused or discontinued for failure to pay the requested deposit. Upon request from a residential customer the deposit will be returned after 18 months if the customer has established a satisfactory payment record; but commercial deposits will be retained by the Company during the entire time that the account remains active.

**A. Interest**

Interest will be paid on all sums held on deposit at the rate indicated in KRS 278.460. The interest will be applied by the Company as a credit to the Customer's bill or will be paid to the Customer on an annual basis. If the deposit is refunded or credited to the Customer's bill prior to the deposit anniversary date, interest will be paid or credited to the Customer's bill on a pro-rated basis.

The Company will not pay interest on deposits after discontinuance of service to the Customer. Retention of any deposit or guaranty by the Company prior to final settlement is not a payment or partial payment of any bill for service. The Company shall have a reasonable time in which to obtain a final reading and to ascertain that the obligations of the Customer have been fully performed before being required to return any deposits.

(Cont'd on Sheet 2-3)

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

4. DEPOSITS. (Cont'd)

B. Criteria for Waiver of Deposit Requirement

The Company may waive any deposit requirement based upon the following criteria, which may be considered by the Company cumulatively:

- 1. Satisfactory payment history *with the Company*, which may be established by paying all bills rendered ~~by due date~~, having no disconnections for nonpayment, having no late notices, having no defaulted credit arrangements, having no returned payments and having no ~~meter energy~~ diversion or theft of service;
- 2. ~~Meeting Satisfactory credit criteria—payment history with another utility acceptable to the Company; Satisfactory credit for customers will be determined by utilizing independent credit sources as well as historic and ongoing payment and credit history with Company.~~
- 3. Another customer with satisfactory payment history is willing to sign as a guarantor for an amount equal to the required deposit; or
- 4. Providing evidence of other collateral acceptable to Company.

C. Method of Determination

1. Calculated Deposits

- a. Deposit amounts paid by residential customers shall not exceed a calculated amount based upon actual usage data of the Customer at the same or similar premises for the most recent 12-month period, if such information is available. If the actual usage data is not available, the deposit amount shall be based on the average bills of similar customers and premises in the customer class. The deposit shall not exceed 2/12 of the Customer's actual or estimated annual bill.
- b. Deposit amounts paid by commercial and industrial customers shall not exceed a calculated amount based upon actual usage data of the customer at the same or similar premises for the most recent 12-month period, if such information is available. If the actual usage data is not available, the deposit amount shall be based on the typical bills of similar customers and premises in the customer class. The deposit shall not exceed 2/12 of the customer's actual or estimated annual bill.

D. Additional or Supplemental Deposit Requirement

An additional or supplemental deposit may be required if the Customer does not maintain a satisfactory credit criteria or payment history. If a change in usage or classification of service has occurred, the customer may be required to pay an additional deposit up to 2/12 of the annual usage. The Customer will receive a message on the bill informing the Customer that if the account is not current by the specified date listed an additional or supplement deposit will be charged to the account the next time the account is billed.

- 1. Satisfactory payment ~~criteria~~ history is defined as paying all bills rendered by due date, having no disconnections for nonpayment, having no ~~late notices~~, defaulted credit arrangements, having no returned payments and having no meter diversion or theft of service.
- 2. A nonresidential customer does not maintain satisfactory credit criteria when its credit score at any national independent credit rating service falls to a level that is deemed *to present a risk of* ~~be vulnerable to~~ nonpayment, including but not limited to: "C" level at Valueline, below a "BB+" level at Standard and Poor's or Fitch, or below "Ba3/1" at Moody's. If a nonresidential customer is not rated by a national independent credit rating service, its credit may be evaluated by using credit scoring services, public record financial information, or financial scoring and modeling services, and if it is deemed that the customer *presents a risk of* ~~vulnerable~~ nonpayment, a deposit may be required

(Cont'd on Sheet No. 2-4)

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

4. DEPOSITS, (Cont'd.)

E. Recalculation of Customers Deposit

When a deposit is held longer than 18 months, the Customer may request that the deposit be recalculated based on the Customer's actual usage. If the amount of deposit on the account differs from the recalculated amount by more than \$10.00 for a residential Customer or 10 percent for a non-residential Customer, the Company may collect any underpayment and shall refund any overpayment. No refund will be made if the Customer's bill is delinquent at the time of the recalculation.

5. PAYMENTS,

Bills will be rendered by the Company to the Customer monthly or in accordance with the tariff selected applicable to the Customer's service.

A. Equal Payment Plan (Budget)

Residential Customers have the option of paying a fixed amount each month under the Company's Equal Payment Plan. The monthly payment amount will be based on one-twelfth of the Customers' estimated annual usage. The payment amount is subject to periodic review and adjustment during the budget year to more accurately reflect actual usage. The normal plan period is 12 months, which may commence *April through December*.

In the last month of the plan (*the "settle-up month"*) if the actual usage during the plan period exceeds the amount billed, the Customer will be billed for the balance due. If an overpayment exists, the amount of overpayment will either be refunded to the Customer or credited to the last bill of the period. If a Customer discontinues service with the Company under the Equal Payment Plan, any amounts not yet paid shall become payable immediately.

If a Customer fails to pay bills as rendered under the Equal Payment Plan, the Company reserves the right to revoke the plan, restore the Customer to regular billing, require immediate payment of any deficiency, and require a cash deposit or other guaranty to secure payment of bills.

*Customers currently enrolled in the Equal Payment Plan whose settle-up month falls within the period December through February may elect to change their settle-up month to November or March if their Equal Payment Plan account is current.*

B. Average Monthly Payment Plan (Amp)

The Average Monthly Payment Plan (AMP Plan) is available to the following applicable tariffs; R.S.; R.S.D.; R.S.-L.M.-T.O.D.; R.S.-T.O.D., Experimental R.S.-T.O.D 2; S.G.S. T.O.D.; ~~W~~when mutually agreeable the AMP Plan may be offered by the Company to Customers serviced under other tariffs.

The AMP Plan is designed to allow the Customer to pay an average amount each month based upon the actual billed amounts during the past twelve (12) months. The average payment amount is based upon the current month's total bill plus the eleven (11) preceding months. That result is divided by the total billing days associated with the billings to determine a per day average. The daily average amount is multiplied by thirty (30) to determine the current month's payment under the AMP Plan. At the next billing period, the oldest month's billing history is removed, the current month's billing is added and the total is again divided by the total billing days associated with the billings to determine a per day average. Again the daily average amount is multiplied by thirty (30) to find the new average payment amount. The average monthly payment amount is calculated each and every month in this manner.

(Cont'd on Sheet 2-5)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 2-5  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 2-5

**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**5. PAYMENTS (Cont'd.)**

The difference between the actual billings and the AMP Plan billings will be carried in a deferred balance. Both the debit and credit differences will accumulate in the deferred balance for the duration of the AMP Plan year, which is twelve consecutive billings months. At the end of the AMP Plan year (anniversary month), the current month's billing plus the eleven (11) preceding month's billing is summed and divided by the total billing days associated with the billings to determine a per day average. That result is multiplied by ~~thirty (30)~~ 12 to calculate the AMP Plan's monthly payment amount. In addition, the net accumulated deferred balance is divided by 12. This result is added or subtracted to the calculated average payment amount starting with the next billing of the new AMP plan year and will be used in the average payment amount calculation for the remaining AMP plan year. Settlement occurs only when participation in the AMP Plan is terminated. This happens if any account is final billed, if the customer requests termination, or at the Company's discretion when the customer fails to make two or more consecutive monthly payments on an account by the due date. The deferred balance (debit or credit) is then applied to the billing now due.

In such instances where sufficient billing history is not available, an AMP Plan may be established by using the actual billing history available throughout the first AMP Plan year.

**C. All Payments.**

All bills are payable at the business offices or authorized collection agencies of the Company within the time limits specified in the tariff. Failure to receive a bill will not entitle a Customer to any discount or to the remission of any charges for non-payment within the time specified. The word "month" as used herein and in the tariffs is hereby defined to be the elapsed time between 2 successive meter readings approximately 30 days apart.

In the event of the stoppage of or the failure of any meter to register the full amount of energy consumed, the Customer will be billed for the period based on an estimated consumption of energy in a similar period of like use.

The tariffs of the Company are met if the account of the Customer is paid within the time limit specified in the tariff applicable to the Customer's service. To discourage delinquency and encourage prompt payment within the specified time limit, certain tariffs contain a delayed payment charge, which may be added in accordance with the tariff under which service is provided. Any one delayed payment charge billed against the Customer for non-payment of bill or any one forfeited discount applied against the Customer for non-payment of bill may be remitted, provided the Customer's previous accounts are paid in full and provided no delayed payment charge or forfeited discount has been remitted under this clause during the preceding (6) six months.

**6. Payment Arrangements**

*In accordance with 807 KAR 5:006 Section 14(2), Kentucky Power shall negotiate and accept reasonable payment arrangements at the request of a residential customer who has received a termination notice for failure to pay. Payment arrangements will include the following reasonable provisions:*

- 1) *Partial Payment Plans are available up to the day prior to the termination date printed on a customer's termination notice.*
- 2) *Partial Payment Plans are available only for current balances and balances up to 30 days in arrears.*
- 3) *Any balance more than 30 days in arrears must be paid in full at least one business day prior to the date the Partial Payment Plan is established.*
- 4) *Customers with delinquent or otherwise unsatisfied Partial Payment Plans may not be eligible for a Partial Payment Plan.*
- 5) *Unpaid deposit amounts are not eligible for inclusion in a Partial Payment Plan.*
- 6) *Company reserves the right to refuse unverifiable third party pledges toward a customer's obligations under a Partial Payment Plan.*
- 7) *Customers shall be advised, in writing or by telephone, the date and the amount of payment(s) due. Service may be terminated without additional notice if the Customer fails to meet the obligations of the agreed plan.*
- 8) *It is the responsibility of the customer presenting the Medical Certificate to contact the Company to negotiate a payment arrangement based upon the customer's ability to pay. The payment arrangement shall require that the account become current not later than October 15.*
- 9) *Customers presenting Certification from the Cabinet for Health and Family Services must do so during the initial 10 day termination notice period. As a condition of the 30 day extension, the customer shall exhibit good faith by entering into a payment arrangement.*

(Cont'd on Sheet No. 2-6)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 2-6  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 2-6

**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**6. 7. UNDERGROUND SERVICE.**

When a real estate developer desires an underground distribution system within the property which he is developing or when a Customer desires an underground service, the real estate developer or the Customer, as the case may be, shall pay the Company the difference between the anticipated cost of the underground facilities so requested and the cost of the overhead facilities which would ordinarily be installed in accordance with 807 KAR 5:041, Section 21, and the Company's underground service plan as filed with the Public Service Commission. Upon receipt of payment, the Company will install the underground facilities and will own, operate and maintain the same.

**7. 8. COMPANY'S LIABILITY**

The Company will use reasonable diligence in furnishing a regular and uninterrupted supply of energy, but does not guarantee uninterrupted service. The Company shall not be liable for damages in case such supply should be interrupted or fail by reason of an event of Force Majeure. Force Majeure consists of an event or circumstance which prevents Company from providing service, which event or circumstance was not anticipated, which is not in the reasonable control of, or the result of negligence of, the Company, and which, by the exercise of due diligence, Company is unable to overcome or avoid or causes to be avoided. Force Majeure events includes act of God, the public enemy, accidents, labor disputes, orders or acts of civil or military authority, breakdowns or injury to the machinery, transmission lines, distribution lines or other facilities of the Company, or extraordinary repairs.

Unless otherwise provided in a contract between the Company and Customer, the point at which service is delivered by Company to Customer, to be known as "delivery point," shall be the point at which the Customer's facilities are connected to the Company's facilities. The metering device is the property of the Company. The meter base, connection, grounds and all associated internal parts inside the meter base are customer owned and are the responsibility of the customer to install and maintain. The Company shall not be liable for any loss, injury, or damage resulting from the Customer's use of their equipment or occasioned by the energy furnished by the Company beyond the delivery point.

~~Beginning September 1, 2014 and thereafter,~~ Any new installation, upgrade or other modification of an existing meter installation shall be made using only Company supplied or approved meter bases. A list of Company-approved meter bases and specifications can be found on the Company's website at: [www.kentuckypower.com](http://www.kentuckypower.com).

The Customer shall provide and maintain suitable protective devices on their equipment to prevent any loss, injury or damage that might result from single phasing conditions or any other fluctuation or irregularity in the supply of energy. The Company shall not be liable for any loss, injury or damage resulting from a single phasing condition or any other fluctuation or irregularity in the supply of energy which could have been prevented by the use of such protective devices. The Company shall not be liable for any damages, whether direct, incidental or consequential, including, without limitation, loss of profits, loss of revenue, or loss of production capacity occasioned by interruptions, fluctuations, or irregularity in the supply of energy.

The Company is not responsible for loss or damage caused by the disconnection or reconnection of its facilities. The Company is not responsible for loss or damages caused by the theft or destruction of Company facilities by a third party.

The Company will provide and maintain the necessary line or service connections, transformers (when same are required by conditions of contract between the parties thereto), meters and other apparatus, which may be required for the proper measurement of and protection to its service. All such apparatus shall be and remain the property of the Company.

(Cont'd on Sheet 2-7)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 2-7  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 2-7

**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**8.9. CUSTOMER'S LIABILITY.**

In the event of loss or injury to the property of the Company through misuse by, or the negligence of, the Customer or the employees of the same, the cost of the necessary repairs or replacement thereof shall be paid to the Company by the Customer.

Customers will be responsible for tampering with, interfering with, or breaking of seals of meters, or other equipment of the Company installed on the Customer's premises. The Customer hereby agrees that no one except the employees of the Company shall be allowed to make any internal or external adjustments of any meter or any other piece of apparatus, which shall be the property of the Company

The Company shall have the right at all reasonable hours to enter the premises of the Customer for the purpose of installing, reading, removing, testing, replacing or otherwise disposing of its apparatus and property, and the right of entire removal of the Company's property in the event of the termination of the contract for any cause. *The Company may assess charges based on electric usage and damages to all Company equipment.*

**9.10. EXTENSION OF SERVICE.**

The electric facilities of the Company shall be extended or expanded to supply electric service to all residential Customers and small commercial Customers which require single phase line where the installed transformer capacity does not exceed 25 KVA in accordance with 807 KAR 5:041, Section 11.

The electric facilities of the Company shall be extended or expanded to supply electric service to Customers other than those named in the above paragraph when the estimated revenue is sufficient to justify the estimated cost of making such extensions or expansions as set forth below.

For service to be delivered to Commercial, Industrial, Mining and multiple housing project Customers up to and including estimated demands of 500 KW requiring new facilities, the Company will: (a) where the estimated revenue for one year exceeds the estimated installed cost of new local facilities required, provide such new facilities at no cost to the Customer; (b) where the estimated revenue for one year is less than the installed cost of new local facilities required, the Customer will be required to pay a contribution in aid of construction equal to the difference between the installed cost of the new facilities required to serve the load and the estimated revenue for one year; (c) if the Company has reason to question the financial stability of the Customer and/or the life of the operation is uncertain or temporary in nature, such as construction projects, oil and gas well drilling, sawmills and mining operations, the Customer shall pay a contribution in aid of construction, consisting of the estimated labor cost to install and remove the facilities required plus the cost of unsalvageable material, before the facilities are installed.

For service to be delivered to Customers with demand levels higher than those specified above, the annual cost to serve the Customer's requirements shall be compared with the estimated revenue for one year to determine if a contribution in aid of construction, and/or a special minimum and/or other arrangement may be necessary. The annual cost to serve shall be the sum of the following components:

1. The annual fixed costs of the generation, transmission and distribution facilities related to the Customer's requirements. These fixed costs will be calculated at 21.95% of the value to be based on the year-end embedded investment depreciated in all similar facilities of the Company.
2. The annual energy costs based on the latest available production costs related to the Customer's estimated annual energy use requirements.
3. The annual fixed costs of the new local facilities necessary to provide the service requested calculated at 21.95% of the installed cost of such facilities.

(Cont'd on Sheet No. 2-8)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 2-8  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 2-8

**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**9. 10. EXTENSION OF SERVICE (Cont'd)**

If the estimated revenue for one year is greater than the cost to serve as described herein, the Company may provide any new local facilities required at no cost to the Customer. If the estimated revenue for one year is less than the cost to serve as described herein, the Company will require the Customer to pay a contribution in aid of construction equal to the difference between the annual cost to serve as calculated and the estimated revenue for one year divided by 21.95%, but in no case to exceed the installed cost of the new facilities required. If, however, the annual cost to serve excluding the cost of new facilities paid for by the Customer exceeds the estimated revenue for one year, the Company, will, in addition to a contribution in aid of construction, require a special minimum or other arrangement to compensate the Company for such deficiency in revenue.

Except where service is rendered in accordance with 807 KAR 5:041, Section 11, as described herein, the company may require the Customer to execute an Advance and Refund Agreement where the Company reasonably questions the longevity of the service or the estimated energy use and demand requirements provided by the Customer. Under the Advance and Refund Agreement, the Customers shall pay the company the estimated total installed cost of the required new facilities which advance could be refunded over a five year period under certain circumstances. Over the five year period the Customer's electric bill would be credited each month up to the amount of 1/60<sup>th</sup> of the total amount advanced.

**10. 11. EXTENSION OF SERVICE TO MOBILE HOME.**

The electrical facilities of the Company will be extended or expanded to supply electric service to mobile homes in accordance with 807 KAR 5:041, Section 12.

**11. 12. LOCATION AND MAINTENANCE OF COMPANY'S EQUIPMENT.**

The Company shall have the right to construct its poles, lines and circuits on the property, and to place its transformers and other apparatus on the property or within the building of the Customer, at a point or points convenient for such purposes, as required to serve such Customer, and the Customer shall provide suitable space for the installation of necessary measuring instruments so that the latter may be protected from injury by the elements or through the negligence or deliberate acts of the Customer or of any employee of the same.

**12. 13. BILLING FORM.**

Pursuant to 807 KAR 5:006, Section 7, (3) copies of the billing forms used by the Company are shown on Sheet Nos. 2-12 17 thru 2-17 22.

**13. 14. SCHEDULE SELECTION.**

The Company will explain to the Customer, at the beginning of service or upon request the Company's rates available to the Customer. Company will assist Customer in the selection of the rate schedule best adapted to Customer's service requirements, provided, however, that Company does not assume responsibility for the selection or that Customer will at all times be served under the most favorable rate schedule.

Customer may change their initial rate schedule selection to another applicable rate schedule at any time by either written notice to Company and/or by executing a new contract for the rate schedule selected, provided that the application of such subsequent selection shall continue for 12 months before any other selection may be made. In no case will the Company refund any monetary difference between the rate schedule under which service was billed in prior periods and the newly selected rate schedule.

(Cont'd on Sheet No. 2-9)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 2-9  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 2-9

**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**14. 15. MONITORING USAGE.**

At least once quarterly the Company will monitor the usage of each customer according to the following procedure:

1. The Customer's monthly usage will be compared with the usage of the corresponding period of the previous year.
2. If the monthly usage for the two periods is substantially the same or if any difference is known to be attributed to unique circumstances, such as unusual weather conditions, common to all customers, no further review will be made.
3. If the monthly usage is not substantially the same and cannot be attributed to a readily identified common cause, the Company will compare the Customer's monthly usage records for the 12-month period with the monthly usage for the same months of the preceding year.
4. If the cause for the usage deviation cannot be determined from analysis of the Customer's meter reading and billing records, the Company will contact the Customer to determine whether there have been changes that explain the increased or decreased usage.
5. Where the deviation is not otherwise explained, the Company will test the Customer's meter to determine whether it shows an average error greater than 2 percent fast or slow.
6. The Company will notify the customers of the investigation, its findings, and any refunds or back billing in accordance with 807 KAR 5:006, Section 11(4) and (5).

In addition to the quarterly monitoring, the Company will immediately investigate usage deviations brought to its attention as a result of its on-going meter reading, billing processes, or customer inquiry.

**15. 16. USE OF ENERGY BY CUSTOMER.**

The tariffs for electric energy given herein are classified by the character of use of such energy and are not available for service except as provided herein.

Upon the expiration of an electric service contract, if required by the terms of the tariff, the Customer may elect to renew the contract upon the same or another tariff published by the Company available to the Customer and applicable to the Customer's requirements, except that in no case shall the Company be required to maintain transmission, switching or transformation equipment different from or in addition to that generally furnished to other Customers receiving electrical supply under the terms of the tariff elected by the Customer.

The service connections, transformers, meters and appliances supplied by the Company for each Customer have a definite capacity and no additions to the equipment, or load connected thereto, will be allowed except by consent of the Company.

The Customer shall install only motors, apparatus or appliances which are suitable for operation with the character of the service supplied by the Company, and which shall not be detrimental to same, and the electric energy must not be used in such a manner as to cause unprovided for voltage fluctuations or disturbances in the Company's transmission or distribution system. The Company shall be the sole judge as to the suitability of apparatus or appliances, and also as to whether the operation of such apparatus or appliances is or will be detrimental to its general service.

(Cont'd on Sheet No. 2-10)

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

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**15 16. USE OF ENERGY BY CUSTOMER. (Cont'd)**

No attachment of any kind whatsoever may be made to the Company's lines, poles, cross arms, structures or other facilities without the express written consent of the Company.

All apparatus used by the Customer shall be of such type as to secure the highest practicable commercial efficiency, power factor and the proper balancing of phases. Motors which are frequently started or motors arranged for automatic control must be of a type to give maximum starting torque with minimum current flow, and must be of a type, and equipped with controlling devices, approved by the Company. The Customer agrees to notify the Company of any increase or decrease in his connected load.

The Company will not supply service to Customers who have other sources of electrical energy supply except under tariffs, which specifically provide for same.

The Customer shall not be permitted to operate generating equipment in parallel with the Company's service except with express written consent of the Company.

Resale of energy will be permitted only with express written consent by the Company.

**16. 17. RESIDENTIAL SERVICE.**

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Except as otherwise provided in these tariffs, individual residences shall be served individually with single-phase service under the applicable residential service tariff. Customer may not take service for 2 or more separate residences through a single point of delivery under any tariff. Exclusions may be allowed pursuant to 807 KAR 5:046 (Prohibition of master metering).

The residential service tariff shall cease to apply to that portion of a residence which becomes regularly used for business, professional, institutional or gainful purposes, which requires three phase service or which requires service to motors in excess of 10 HP each. Under these circumstances, Customer shall have the choice of: (1) separating the wiring so that the residential portion of the premises is served through a separate meter under the residential service tariff and the other uses as enumerated above are served through a separate meter or meters under the applicable general service tariff; or (2) taking the entire service under the applicable general service tariff.

Detached building or buildings, actually appurtenant to the residence, such as a garage, stable or barn, may be served by an extension of the Customer's residence wiring through the residence meter and under the applicable residential service tariff.

**17. 18. DENIAL OR DISCONTINUANCE OF SERVICE.**

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The Company reserves the right to refuse or discontinue service to any customer if the customer or any member of the customer's household, is indebted to the Company for any service theretofore rendered at any location; *The Company reserves the right to disconnect service to any customer if the customer, or any member of the customer's household at service location is indebted to the Company for any service theretofore rendered at current service location; provided however, the customer shall be notified in writing in accordance with 807 KAR 5:006, Section 15, before disconnection of service.*

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Any discontinuance of service shall not terminate the contract for electric service between the Company and the applicant or customer nor shall it abrogate any minimum charge, which may be effective.

(Cont'd on Sheet No. 2-11)

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

18. EMPLOYEE DISCOUNT.

~~Regular employees who have been in the Company's employ for 6 months or more may, at the discretion of the Company, receive a reduction in their residence electric bills for the renuses occupied by the employee.~~

19. SPECIAL CHARGES.

A. Reconnection and Disconnect Charges

In cases where the Company has discontinued service as herein provided for, the Company reserves the right to assess a reconnection charge pursuant to 807 KAR 5:006, Section 9 (3)(b), payable in advance, in accordance with the following schedule. However, those Customers qualifying for Winter Hardship Reconnection under 807 KAR 5:006 Section 16 shall be exempt from the reconnect charges.

- 1. Reconnect for nonpayment during regular hours..... \$ 21.00
- 2. Reconnect at the end of the day (No "Call Out" required)..... \$ 30.00
- 3. Reconnect for nonpayment when a "Call Out" is required prior to 10:00 PM  
(A "Call Out" is when an employee must be called in to work on overtime basis to make the reconnect trip. Reconnection for nonpayment will not be made when a "Call Out" after 10:00 p.m. is required)..... \$ 95.00
- 4. Reconnect for nonpayment when double time is required  
(Sunday and Holiday)..... \$ 124.00
- 5. Termination or field trip..... \$ 13.00

The reconnection charge for all Customers where service has been disconnected for fraudulent use of electricity will be the actual cost of the reconnection.

B. Meter Reading Check

Pursuant to 807 KAR 5:006, Section 9 (3) (d) in cases where a customer requests a meter be reread, and the second reading shows the original reading was correct, the Customer will be charged a fee of \$21.00 to cover the handling cost.

C. Returned Check Charge

In cases where a customer pays by check, which is later returned as unpaid by the bank for any reason, the Customer will be charged a fee of \$18.00 to cover the handling costs.

D. Meter Test Charge

Where test of a meter is made upon written request of the Customer pursuant to 807 KAR 5:006, Section 19, the Customer will be charged \$48.00 if such test shows that the meter was not more than two percent (2%) fast.

(Cont'd on Sheet No. 2-12)

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**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**19. SPECIAL CHARGES. Cont'd**

**E. Work performed on Company's Facilities at Customer's Requests**

Whenever, at the request and for the benefit of the Customer, work is performed on the Company's facilities, including the relocation, or replacement of the Company's facilities, the Customer shall pay to the Company in advance of the Company undertaking the work the estimated total cost of such work. This cost shall be itemized by major categories and shall include the Company's overheads and shall be credited with the net value of any salvageable material. The actual cost for the work performed shall be calculated at the completion of the work and the appropriate charge or refund will be made to the Customer.

Reasonable notice of not less than three working days shall be given to the Company for all requested work except for the covering of the Company's lines. Notice of any request for the Company to cover its lines shall be given at least two days in advance. The Company will endeavor to comply with all timely requests, but work may be delayed because of demands on the Company's personnel and equipment.

If the cost, as calculated above, is \$500 or less for covering the Company's distribution facilities no charge will be imposed. All costs in excess of \$500 for covering the Company's distribution facilities shall be paid by the Customer, in advance of the Company undertaking the work. The actual cost for the work performed shall be calculated at the completion of the work and the appropriate charge or refund will be made to the customer.

**20. REFUNDS TO RESIDENTIAL CUSTOMERS.**

The Company may make a refund to residential customers by one of the following means: a credit to the Customers bill, a prepaid card, a check or electronic funds transfer (EFT).

The Company acting through its customer service representative shall fully address and resolve any customer complaints or disputes related to: (a) the accuracy of the names and last known addresses of the customer to receive prepaid cards; (b) the effective delivery and receipt of the prepaid cards; and (c) the amount of any refunds.

(Cont'd on Sheet No. 2-13)

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

21. ALERTS AND SUBSCRIPTIONS.

*Kentucky Power offers an optional Mobile Alert Service for customers through which participating customers can elect to receive notifications from the Company via electronic mail or text message. The Company provides billing and payment alerts and alerts relating to outages. These alerts are supplemental to standard communications from the Company and to the extent any discrepancies exist between the information contained in the mobile alerts and the information contained in standard communications from the Company, the information in the standard communications from the Company shall prevail.*

*Customers interested in receiving mobile alerts from Kentucky Power may sign up for the service through the Company's website at [www.kentuckypower.com](http://www.kentuckypower.com). The full terms and conditions of participating in the Kentucky Power Mobile Alert Service are included on the Company's website.*

*There is no charge from the Company for the Mobile Alert Service; however, message and data rates may apply. Customers are advised to verify message and data rates with their cellular and internet service providers.*

*Information regarding the types of alerts and the Mobile Alert Service in general are provided below.*

Billing and Payment Alerts

*Billing and payment alerts provided through Kentucky Power's Mobile Alert Service are in addition to regular billing statements, payment notifications, disconnect notices, or other standard communications sent by Kentucky Power or its third party partners as required by law, regulation, or tariff filed by Kentucky Power or its subsidiaries. These alerts are not a replacement for any regular billing statement, payment notifications, disconnect notices, or other standard communications. In the event of a discrepancy between the information provided in a billing or payment alert provided through the Mobile Alert Service and the information provided in the Company's standard communication, the information in the standard communication shall prevail.*

*Kentucky Power shall not have any liability for any delay or failure to deliver a billing or payment alert or for any mistakes or errors in any billing or payment alert provided through the Mobile Alerts Service.*

Outage Alerts

*Kentucky Power provides alerts relating to system outages through its Mobile Alert Service. Outage alerts will be sent when the Company has evidence of an outage at a subscribed address. Due to variations in equipment from one area to another, it is possible that the accuracy of outage alerts will vary from one area to another. Recipients shall consider any outage related information as guidance and not as an absolute guarantee. Kentucky Power will send outage related notifications based upon available information and does not guarantee that the notifications will be without error.*

*Planned outages and short-duration outages will normally not generate an outage-related notification. During large-scale outage events, the frequency and timeliness of outage updates may be impacted.*

*Kentucky Power shall not have any liability for any delay or failure to deliver an outage related notification.*

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

21. ALERTS AND SUBSCRIPTIONS (Cont'd).

General

*Kentucky Power does not warrant or guarantee that alerts will be sent or received, and Kentucky Power shall not be responsible for any lost or misdirected messages.*

*Customers electing to participate in Kentucky Power's Mobile Alert Service authorize the Company to contact them via the communication method elected with transactional messages pertaining to the service. Participation in the Mobile Alert Service shall be considered as affirmative consent to receive the related messages should these messages ever be classified as commercial in nature.*

*Kentucky Power shall not have any liability under any theory of recovery, whether in contract or tort, for any loss or damages due to delay or failure to deliver an alert through the Mobile Alert Service. Without limiting the previous sentence, Kentucky Power disclaims any liability, expressed or implied, for indirect or consequential damages arising from a customer's subscription to Kentucky Power's Mobile Alert Service.*

*Customer agrees not to publish, copy, communicate to the public, edit, retransmit, or amend any data received as part of Kentucky Power's Mobile Alert Service. The data communicated via the Mobile Alert Service is provided for the participating customer's personal non-commercial use only and may not be used for any other purpose.*

*Personal information and data ("Personal Data") provided by customers when using Kentucky Power's Mobile Alert Service will only be used by Kentucky Power and its suppliers and contractors for Mobile Alert Service-related purposes. Data other than Personal Data may be aggregated and used by the Company for the purpose of undertaking market research or in facilitating reviews, developments and improvements to Kentucky Power's Mobile Alert Service.*

*Customers participating in the Mobile Alert Service may discontinue a portion or all alerts at any time by modifying their alert subscription or by unsubscribing entirely. Customers wishing to modify or unsubscribe from the Mobile Alert Service may do so at the Company's website: [www.kentuckypower.com](http://www.kentuckypower.com) or by contacting Kentucky Power's Customer Operations Centers at 1-800-572-1113. Kentucky Power will process a request to unsubscribe from the Mobile Alert Service within ten days of receiving the request. Kentucky Power is authorized to send a communication to a customer requesting to unsubscribe from the Mobile Alert Service to confirm the request.*

*The terms and conditions the Company's Mobile Alert Service shall be governed by applicable state law.*

*Customers electing to participate in the Company's Mobile Alert Service agree to the terms and conditions of the service and further agree that the terms and conditions may be updated from time to time. The Company will provide customers participating in the Mobile Alert Service with updated terms and conditions as they become effective. Customers participating in the Mobile Alert Service must take affirmative action to withdraw from the service if the customer does not agree with any new or updated term or condition of service. Failure to withdraw after an updated term and condition is provided by the Company means that the customer accepts the new or updated terms and conditions.*

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

21. ALERTS AND SUBSCRIPTIONS (Cont'd).

Additional Terms and Conditions for E-mail Alerts

Customers wishing to participate in Kentucky Power's Mobile Alert Service and receive alerts via electronic mail should add "communications@kentuckypower-mail.com" to the customer's e-mail address book or spam filter to avoid alert communications from Kentucky Power being directed as spam. Customers are advised to contact their e-mail service provider for instructions on how to add addresses to an address book or spam filter if needed.

E-mail addresses from which alerts are sent through the Mobile Alert Service are used for sending e-mails only. Any e-mails sent to those addresses will not be received by the Company and the Company will not respond. Any communication to the Company should be sent to communications@kentuckypower-mail.com.

If a customer sends an email to Kentucky Power with questions or comments, Kentucky Power may use the customer's e-mail address and other personal information included in the correspondence in order to respond. If a customer provides the Company with an e-mail address in order to receive alerts, Kentucky Power may use that e-mail address to send the customer other types of information.

A customer may unsubscribe from receiving e-mail alerts by clicking the "Unsubscribe" link near the bottom of an e-mail alert.

Additional Terms and Conditions for Text Message Alerts

Customers may elect to receive text alerts through Kentucky Power's Mobile Alert Service. For text alerts, message and data rates may apply consistent with the customer's mobile phone service agreement. Kentucky Power assumes no responsibility for any service charges received from customer's mobile phone service providers for text alerts received through the Mobile Alert Service. Kentucky Power is not responsible for and will not be liable for any breach of the terms of an agreement between a customer electing to receive text alerts through the Mobile Alert System and that customer's mobile phone service provider or for any mistake that may arise in the billing process.

To receive text alerts from the Company through the Mobile Alert Service, the customer must be the owner or legitimate user of the mobile phone registered or have the express consent of the owner or legitimate user. Customers electing to receive text alerts from the Company through the Mobile Alert Service are responsible for providing and maintaining a mobile phone and ensuring connection to a mobile network capable of receiving the text alerts.

Customers electing to receive text alerts through the Mobile Alert Service acknowledge that the text alerts may, at any time, be adversely affected by problems with the mobile phone network including, without limitation, interference to the network coverage. Kentucky Power shall not be responsible or liable for any loss, damage, or expense incurred directly or indirectly by customers electing to receive text alerts through the Mobile Alert Service as a result of any difficulties experienced by any cellular phone service provider.

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

21. ALERTS AND SUBSCRIPTIONS (Cont'd).

*In the event a customer electing to receive text alerts through the Mobile Alert Service changes mobile phone service providers or their telephone number, that customer is required to subscribe again to receive text alerts. If no alerts are sent or received for eighteen months, a customer's opt-in to that offering will expire. A customer must opt-in again to the program in order to receive alerts.*

*Kentucky Power may discontinue text alerts at any time. Customers electing to receive text alerts through the Mobile Alert Service will receive text alerts from 23711. Customers may unsubscribe from text alerts by texting STOP to 23711 and may obtain assistance via text by texting HELP to 23711.*

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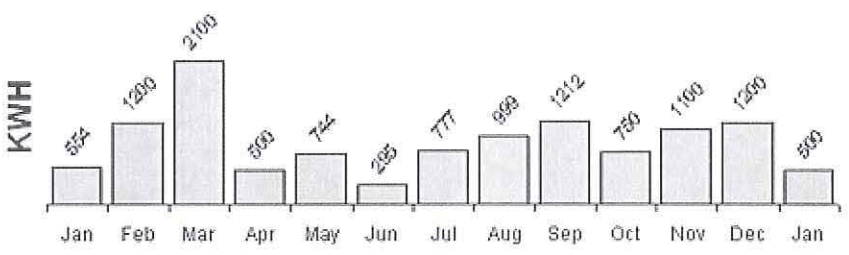
**TERMS AND CONDITIONS OF SERVICE (Cont'd)**

**Residential Bill Form Page 2**

Homeserve USA is optional. Homeserve USA is not the same as KPCO and is not regulated by the KY Public Service Commission. A customer does not have to buy the Warranty Service in order to continue to receive quality regulated service from KPCO.  
 www.kyelectricalprotectionplan.com  
 Visit us at www.KentuckyPower.com  
 Rates available on request  
 See other side for Important Information

Meter Number	Service Period		Meter Reading Detail			
999999999	From	To	Previous	Code	Current	Code
	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier X.XXXX			Metered Usage X,XXX KWH			
Next scheduled read date should be between MM/DD and MM/DD						

**13 Month Usage History** **Total KWH for Past 12 Months is XX,XXX**



Month	Total KWH	Days	KWH Per Day	Cost Per Day	Average Temperature
Current	XXX	XX	X,XXX	\$XXX.XX	66° F
Previous	XXX	XX	X,XXX	\$XXX.XX	66° F
One Year Ago	XXX	XX	X,XXX	\$XXX.XX	48° F
Your Average Monthly Usage: X,XXX KWH					

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

Small Commercial Bill Form – Page 2

Having a phone number for this address can help us serve you better, especially when storms cause service interruptions.

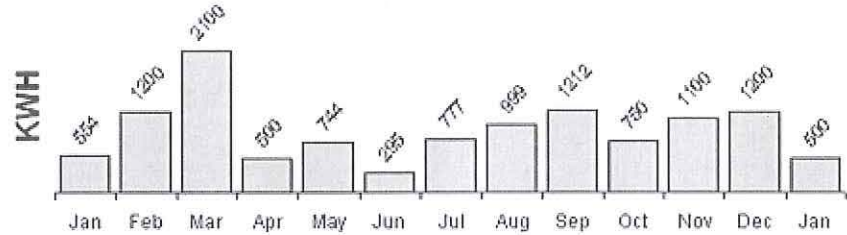
Visit us at [www.KentuckyPower.com](http://www.KentuckyPower.com)  
 Rates available on request  
 See other side for Important Information



Meter	Service Period		Meter Reading Detail			
Number	From	To	Previous	Code	Current	Code
999999999	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier X.XXXX			Metered Usage X,XXX KWH			
Next scheduled read date should be between MM/DD and MM/DD						

13 Month Usage History

Total KWH for Past 12 Months is XX,XXX



Month	Total KWH	Days	KWH Per Day	Cost Per Day	Average Temperature
Current	XXX	XX	X,XXX	\$XXX.XX	66° F
Previous	XXX	XX	X,XXX	\$XXX.XX	66° F
One Year Ago	XXX	XX	X,XXX	\$XXX.XX	48° F

Your Average Monthly Usage: X,XXX KWH

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TERMS AND CONDITIONS OF SERVICE (Cont'd)

Large Commercial and Industrial Bill Form – Page 2

Having a phone number for this address can help us serve you better, especially when storms cause service interruptions.

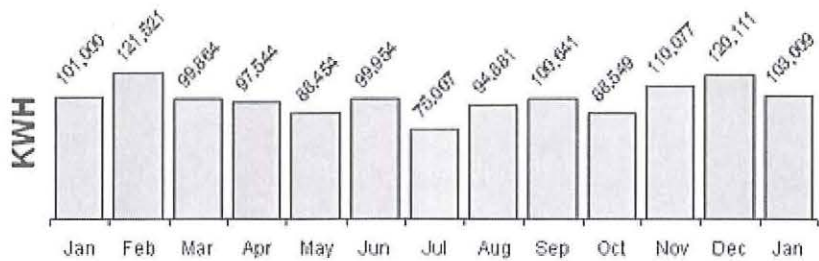
Visit us at [www.KentuckyPower.com](http://www.KentuckyPower.com)  
 Rates available on request  
 See other side for Important Information



Meter Number	Service Period		Meter Reading Detail			
	From	To	Previous	Code	Current	Code
999999999	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier XXX.XXXX			Metered Usage XXX,XXX KWH			
999999999	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier XXX.XXXX			Metered Usage XXX.XXX KW			
999999999	MM/DD	MM/DD	XXXXX	Actual	XXXXX	Actual
Multiplier XXX.XXXX			Metered Usage XXX,XXX KVARH			
Next Scheduled read date should be between MM/DD and MM/DD						

13 Month Usage History

Total KWH for Past 12 Months is X,XXX,XXX



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**CAPACITY AND ENERGY CONTROL PROGRAM****INTRODUCTION**

*Kentucky Power Company's Capacity and Energy Control Program outlines the procedures the Company will follow in the event of an emergency that threatens the continued reliable operation of bulk power supply system. Notwithstanding any provisions of this Capacity and Energy Control Program, the Company shall have the right to take whatever steps, with or without notice and without liability on Company's part, that Company believes necessary, in whatever order consistent with good utility practices and not on an unduly discriminatory basis, to preserve system integrity and to prevent the collapse of Company's electric system or interconnected electric network or to restore service following an outage. Such actions will be taken giving priority to maintaining service to Company's retail and full requirements customers relative to other sale whenever feasible and as allowed by law. The Company's Capacity and Energy Control Program consists of three sets of procedures:*

- I. Procedures During Abnormal System Frequency
- II. Capacity Deficiency Program
- III. Energy Emergency Control Program

*A copy of Specific details regarding the Company's Capacity and Energy Control Program are included in the Company's Emergency Operating Plan was filed ("EOP"). A copy of the Company's current EOP is on file with the Kentucky Public Service Commission on May 1, 2014-2016 in Administrative Case No. 345 in compliance with the Commission's Order dated May 18, 1993. Where this tariff diverts from the Company's EOP, the EOP Plan shall govern.*

**I. AEP/PJM PROCEDURES DURING ABNORMAL SYSTEM FREQUENCY (EOP Section IV)****A. INTRODUCTION/PURPOSE**

Precautionary procedures are required to meet emergency conditions such as system separation and operation at subnormal frequency. In addition, the coordination of these emergency procedures with neighboring companies is essential. The AEP/PJM program, which is in accordance with ECAR Document 3, is noted below. *described below, provides procedures for reducing the consumption of electric energy on the Company's system in the event of a period of abnormal system frequency.*

**B. AEP/PJM PROCEDURES AEP/PJM**

~~1.~~ From 59.8 – 60.2 Hz, to the extent practicable, *the Company will utilize all operating and emergency reserves. The manner of utilization of these reserves will depend greatly depends on the behavior of the System during the emergency.*

For rapid frequency decline, ~~only that~~ *the Company will utilize capacity that is on-line and automatically responsive to frequency (spinning reserve); and such items measures as interconnection assistance and automatic load reductions by automatic means are of assistance in arresting to arrest the decline in frequency.*

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**CAPACITY AND ENERGY CONTROL PROGRAM(cont'd)**

B. AEP/PJM PROCEDURES AEP/PJM(cont'd)

If the frequency decline is gradual, the Generation/Production Optimization Group, particularly in the deficient area, ~~should~~*will* invoke non-automatic procedures involving operating and emergency reserves. These efforts ~~should~~*will* continue until the frequency decline is arrested or until automatic load-shedding devices operate at subnormal frequencies. *A deficient Balancing Authority shall only use the assistance provided by the Interconnection's frequency bias for the time needed to implement corrective actions. The Balancing Authority shall not unilaterally adjust generation in an attempt to return Interconnection frequency to normal beyond that supplied through frequency bias action and Interchange Schedule changes. Such unilateral adjustment may overload transmission facilities. At 59.75 Hz, the Company will suspend Automatic Generation Control (AGC) and notify Interruptible Customers to drop load.*

2. ~~At 59.75 Hz~~

a. ~~Suspend Automatic Generation Control (AGC)~~

b. ~~Notify Interruptible Customers to drop load~~

3. ~~At 59.5 Hz automatically shed 5% of System internal load, excluding interruptibles, by relay action. (25 cycle, .42 sec. delay)~~

4. ~~At 59.4 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action. (25 cycle, .42 sec. delay)~~

5. ~~At 59.3 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action. (25 cycle, .42 sec. delay)~~

6. ~~At 59.1 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action. (25 cycle, .42 sec. delay)~~

7. ~~At 59.0 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action. (25 cycle, .42 sec. delay)~~

8. ~~At 58.9 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action. (25 cycle, .42 sec. delay)~~

**PROCEDURES DURING ABNORMAL SYSTEM FREQUENCY (cont'd)**

9. ~~At 58.2 Hz automatically trip the D.C. Cook Nuclear Units 1 and 2.~~

10. ~~At 58.0 Hz or at generator minimum turbine off frequency value, isolate generating unit without time delay.~~

If at any time ~~in the above procedure~~ the decline in area frequency is arrested below 59.0 Hz, ~~that part of the System in the low frequency~~*59.5 Hz, the Company will evaluate whether the area should manually shed an additional ±0.5% of its initial load. If, after five minutes, this action shedding 5% of load has not returned the area frequency to 59.0-59.5 Hz or above, that part of the System area shall manually shed an additional ±0.5% of its remaining load and continue to repeat in five-minute intervals until 59.0-59.5 Hz is reached. These steps must be completed within the time constraints imposed upon the operation of generating units that are discussed in the EOP subsection titled, "Isolation of Coal-fired Generating Units."*

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**

B. AEP/PJM PROCEDURES AEP/PJM(cont'd)

*Automatic Load Shedding Program details are located in Section IV of the Company's EOP.*

**II. CAPACITY DEFICIENCY PROGRAM (EOP Section III)**

A. PURPOSE

~~To~~*The purpose of the Capacity Deficiency Program is to provide a plan for full utilization of emergency capacity resources and for orderly reduction in the aggregate customer demand on the American Electric Power (AEP) East/PJM Eastern System in the event of a capacity deficiency. A capacity deficiency is a shortage of generation versus load and can be caused by generating unit outages and/or extreme internal load requirements.*

~~B. CRITERIA~~*The goals of AEP are to safely and reliably operate the interconnected network in order to avoid widespread system outages as a consequence of a major disturbance. Precautionary procedures including maintaining Daily Operating Reserves, as specified in ECAR document 2, and PJM Manual M13, will assist in avoiding serious emergency conditions such as system separation and operation at abnormal frequency. However, adequate Daily Operating Reserves cannot always be maintained, so the use of additional emergency measures may be required. A Capacity Deficiency is a shortage of generation versus load and can be caused by generating unit outages and/or extreme internal load requirements.*

B. C. — AEP EAST/PJM PROCEDURES

~~(note: the following section contains excerpts from PJM Manual M13)~~

OVERVIEW

~~PJM is responsible for determining and declaring that an Emergency is expected to exist, exists, or has ceased to exist in any part of the PJM RTO or in any other Control Area that is inter-connected directly or indirectly with the PJM RTO. PJM directs the operations of the PJM Members as necessary to manage, allocate, or alleviate an emergency.~~

- ~~• PJM RTO Reserve Deficiencies — If PJM determines that PJM-scheduled resources available for an Operating Day in combination with Capacity Resources operating on a self-scheduled basis are not sufficient to maintain appropriate reserve levels for the PJM RTO, PJM performs the following actions:~~
- ~~• Recalls energy from Capacity Resources that otherwise deliver to loads outside the Control Area and dispatches that energy to serve load in the Control Area.~~
- ~~• Purchases capacity or energy from resources outside the Control Area. PJM uses its best efforts to purchase capacity or energy at the lowest prices available at the time such capacity or energy is needed. The price of any such capacity or energy is not considered in determining Locational Marginal Prices in the PJM Energy Market. The cost of capacity or energy is allocated among the Market Buyers as described in the PJM Manual for Operating Agreement Accounting (M-28)~~

~~The AEP System Control Center will be referred to as SCC and the AEP Production Optimization Group will be referred to as POG.~~

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CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)AEP EAST/PJM PROCEDURES (cont'd)CAPACITY SHORTAGES

PJM is responsible for monitoring the operation of the PJM RTO, for declaring the existence of an Emergency, and for directing the operations of the PJM Member as necessary to manage, alleviate, or end an Emergency. PJM also is responsible for transferring energy on the PJM Members behalf to meet an Emergency. PJM is also responsible for agreements with other Control Areas interconnected with the PJM RTO for the mutual provision of service to meet an Emergency.

Exhibit 1 illustrates that there ~~There~~ are three general levels of emergency actions for capacity shortages: ~~deficiencies~~:

- ~~—~~ alerts
- ~~—~~ warnings
- ~~—~~ actions

ALERTS

The intent of the alerts is to keep all affected system personnel aware of the forecast and/or actual status of the PJM RTO. All alerts and cancellation thereof are broadcast on the "ALL CALL" system and posted to selected PJM web sites to assure that all members receive the same information.

- ~~Alerts are issued in advance of a scheduled load period to allow sufficient time for members to prepare for anticipated initial capacity shortages. issued in advance of the operating day for elevated awareness and to give time for advanced preparations.~~
- ~~Warnings – issued real time, typically preceding, and with an estimated time/window for a potential future ACTION.~~
- ~~Actions – issued real time and requires PJM and/or Member response. PJM actions are consistent with NERC and RFC EOP standards.~~

~~The Company may also issue an Advisory, one or more days in advance of the operating day during which a capacity deficiency may occur, that are general in nature and are for elevated awareness only. No preparations or actions are required in response to an Advisory.~~

AlertsVoluntary Customer Load Curtailment Alert

The purpose of the Voluntary Customer Load Curtailment Alert is to alert members of the probable future need to implement a voluntary customer load curtailment. It is implemented whenever the estimated operating reserve capacity indicates a probable future need for voluntary customer load curtailment.

Maximum Emergency Generation Alert

~~The purpose of the Maximum Emergency Generation Alert is to provide an early alert that system conditions may require the use of the PJM emergency procedures. It is implemented when Maximum Emergency Generation is called into the operating capacity.~~

Primary Reserve Alert

~~The purpose of the Primary Reserve Alert is to alert members of the anticipated shortage of operating reserve capacity for a future critical period. It is implemented when estimated operating reserve capacity is less than the forecast primary reserve requirement.~~

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**AEP EAST/PJM PROCEDURES (cont'd)Voltage Reduction Alert

The purpose of the Voltage Reduction Alert is to alert members that a voltage reduction may be required during a future critical period. It is implemented when the estimated operating reserve capacity is less than the forecast spinning reserve requirement.

**Real Time Emergency Procedures (Warnings and Actions)**Warnings

Warnings are issued during present operations to inform members of actual capacity shortages or contingencies that may jeopardize the reliable operation of the PJM RTO. *Generally, a warning precedes an associated action.* The intent of warnings is to keep all affected system personnel aware of the forecast and/or actual status of the PJM RTO. All warnings and cancellations are broadcasted on the "ALL-CALL" system and posted to selected PJM web sites to assure that all members receive the same information.

Primary Reserve Warning

The purpose of the Primary Reserve Warning is to warn members that the available primary reserve is less than required and present operations are becoming critical. It is implemented when available primary reserve capacity is less than the primary reserve requirement, but greater than the spinning reserve requirement, after all available secondary reserve capacity (except restricted maximum emergency capacity) is brought to a primary reserve status and emergency operating capacity is scheduled from adjacent systems.

Voltage Reduction Warning & Reduction of Non-Critical Plant Load

The purpose of the Voltage Reduction Warning & Reduction of Non-Critical Plant Load is to warn members that the available spinning reserve is less than the Spinning Reserve Requirement and that present operations have deteriorated such that a voltage reduction may be required. It is implemented when the available spinning reserve capacity is less than the spinning reserve requirement, after all available secondary and primary reserve capacity (except restricted maximum emergency capacity) is brought to a spinning reserve status and emergency operating capacity is scheduled from adjacent systems.

Manual Load Dump Warning

The purpose of the Manual Load Dump Warning is to warn members of the increasingly critical condition of present operations that may require manually dumping load. It is issued when available primary reserve capacity is less than the largest operating generator or the loss of a transmission facility jeopardizes reliable operations after all other possible measures are taken to increase reserve. The amount of load and the location of areas(s) are specified.

Actions

The PJM RTO is normally loaded according to bid prices; however, during periods of reserve deficiencies, other measures must be taken to maintain system reliability. These measures involve:

- Loading generation that is restricted for reasons other than cost
- Recalling non-capacity backed off-system sales
- Purchasing emergency energy from participants / surrounding pools
- Load relief measures

(Cont'd on Sheet No. 3-6)

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CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)AEP EAST/PJM PROCEDURES (cont'd)Manual Load Dump Warning (cont'd)

The Company's EOP includes a nine step warning and action procedure during capacity deficiency conditions. procedures to be used under these circumstances are described in the general order in which they are applied. Due to system conditions and the time required to obtain results, PJM dispatcher may find it necessary to vary the order of application to achieve the best overall system reliability. Issuance and cancellation of emergency procedures are broadcast over the "ALL-CALL" and posted to selected PJM web sites. Only affected systems take action. PJM dispatcher broadcasts the current and projected PJM RTO status periodically using the "ALL-CALL" during the extent of the implementation of the emergency procedures.

Maximum Emergency Generation

The purpose of the Maximum Emergency Generation is to increase the PJM RTO generation above the maximum economic level. It is implemented whenever generation is needed that is greater than the highest incremental cost level.

C. PRIORITY LEVELS

For the purpose of these capacity deficiency procedures, the following Priority Levels for loads have been established:

- I. *Essential Health and Safety Uses – to be given special consideration in these procedures shall, insofar as the situation permits, include the following types of use:*
  - a. *Hospitals, which shall be limited to institutions providing medical care to patients.*
  - b. *Life Support Equipment, which shall be limited to kidney machines, respirators, and similar equipment used to sustain the life of a person.*
  - c. *Police Stations and Government Detention Institutions, which shall be limited to essential uses required for police activities and the operation of facilities used for the detention of persons.*
  - d. *Fire Stations, which shall be limited to facilities housing mobile fire-fighting apparatus.*
  - e. *Communication Services, which shall be limited to essential uses required for telephone, telegraph, television, radio and newspaper operations, and operation of state and local emergency services.*
  - f. *Water and Sewage Services, which shall be limited to essential uses required for the supply of water to a community, flood pumping and sewage disposal.*
  - g. *Transportation and Defense-related Services, which shall be limited to essential uses required for the operation, guidance control and navigation of air, rail and mass transit systems, including those uses essential to the nation defense and operation of state and local emergency services. These uses shall include essential services such as street, highway and signal-lighting.*

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**

**C. PRIORITY LEVELS(cont'd)**

*Although, when practical, these types of uses will be given special consideration when implementing the manual load-shedding provisions of this program, any customer may be affected by rotating or unplanned outages and should install emergency generation equipment if continuity of service is essential. Where the emergency is system-wide in nature, consideration will be given to the use of rotating outages as operationally practicable. In case of customers supplied from two utility sources, only one source will be given special consideration. Also, any other customers who, in their opinion, have critical equipment should install emergency generation equipment. Company maintains lists of customers with life support equipment and other critical needs for the purpose of curtailments and service restorations. Company, lacking knowledge of changes that may occur at any time in Customer's equipment, operation, and backup resources, does not assume the responsibility of identifying customers with priority needs. It shall, therefore, be Customer's responsibility to notify Company if Customer has critical needs.*

- II. Critical Commercial and Industrial Uses – Except as described in Section C.III below, these uses shall include commercial or industrial operations requiring regimented shutdowns to prevent conditions hazardous to the general population, and to energy utilities and their support facilities critical to the production, transportation, and distribution of service to the general population. Company shall maintain a list of such customers for the purpose of curtailments and service restoration.*
- III. Residential Use – Residential use during certain weather conditions (for example severe winter weather) will receive precedence over critical commercial and industrial uses. The availability of Company service personnel and the circumstances associated with the outage will also be considered in the restoration of service.*
- IV. Non-critical commercial and industrial uses.*
- V. Nonessential Uses – The following and similar types of uses of electric energy shall be considered nonessential for all customers:*
- a. Outdoor flood and advertising lighting, except for the minimum level to protect life and property, and a single illuminated sign identifying commercial facilities when operating after dark.*
  - b. General interior lighting levels greater than minimum functional levels.*
  - c. Show-window and display lighting.*
  - d. Parking lot lighting above minimum functional levels.*
  - e. Energy use to lower the temperature below 78 degrees during operation of cooling equipment and above 65 degrees during operation of heating equipment.*
  - f. Elevator and escalator use in excess of the minimum necessary for non-peak hours of use.*

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**

**C. PRIORITY LEVELS(cont'd)**

- g. *Energy use greater than that which is the minimum required for lighting, heating, or cooling of commercial or industrial facilities for maintenance cleaning or business-related activities during non-business hours.*

*Non-jurisdictional customers will be treated in a manner consistent with the curtailment procedures contained in the service agreement between the parties or the applicable tariff.*

**D. CURTAILMENT PROCEDURES**

*In the event Company's load exceeds internal generation, transmission, or distribution capacity, or other system disturbances exist, and internal efforts have failed to alleviate the problem, including emergency energy purchases, the following steps may be taken, individually or in combination, in the order necessary as time permits:*

- 1. Customers having their own internal generation capacity will be curtailed, and customers on interruptible contracts will be curtailed for the maximum hours and load allowable under their contract. Nothing in this procedure shall limit Company's rights under the Contract Service – Interruptible Power Tariff or the Alternate Feed Service Rider.*
- 2. Power output will be maximized at Company's generating units.*
- 3. Company use of energy at its generating stations will be reduced to a minimum.*
- 4. Company's use of electric energy in the operation of its offices and other facilities will be reduced to a minimum.*
- 5. The Kentucky Public Service Commission will be advised of the situation.*
- 6. An appeal will be made to customers through the news media and/or personal contact to voluntarily curtail as much load as possible. The appeal will emphasize the defined priority levels as set forth above.*
- 7. Customers will be advised through the use of the news media and personal contact that load interruption is imminent.*
- 8. Implement procedures for interruption of selected distribution circuits.*

**E. SERVICE RESTORATION PROCEDURES**

*Where practical, priority uses will be considered in restoring service and service will be restored in the order I through IV as defined under Priority Levels described above. However, because of the varieties of unpredictable circumstances which may exist or precipitate outages, it may be necessary to balance specific individual needs with infrastructure needs that affect a larger population. When practical, Company will attempt to provide estimates of repair times on its website to aid customers in assessing the need for alternative power sources and temporary relocations.*

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**E. SERVICE RESTORATION PROCEDURES(cont'd)Load Management Curtailments (ALM)Steps 1 and 2 (PJM Control)

The purpose of the Load Management Curtailments, Steps 1 and 2, is to provide additional load relief by using PJM controllable load management programs. Steps 1 and 2 are differentiated only by the expected time to implement. Load relief is required after initiating Maximum Emergency Generation.

Step 1: Short Time Frame to Implement (1 Hour or Less)

- PJM dispatcher requests members to implement Load Management Curtailment, Step 1.

Step 2: Long Time Frame To Implement (Greater Than 1 Hour)

- PJM dispatcher requests members to implement Load Management Curtailment, Step 2.

Steps 3 and 4 (SCC Control)

The purpose of the Local Control Center Programs of Load Management Curtailments, Steps 3 and 4, is to provide additional load relief by requesting use of Local Control Center load management programs.

Actions (cont'd)Load Reduction Program

The purpose of the Load Reduction Action is to request end-use customers to reduce load during emergency conditions.

Voltage Reduction

The purpose of Voltage Reduction during capacity deficient conditions is to reduce load to provide a sufficient amount of reserve to maintain tie flow schedules and preserve limited energy sources. A curtailment of non-essential building load is implemented prior to or at this same time as a Voltage Reduction Action. It is implemented when load relief is still needed to maintain tie schedules.

**Note:** Voltage reductions can also be implemented to increase transmission system voltage.

**Note:** Curtailment of non-essential building load may be implemented prior to, but not later than, the same time as a voltage reduction.

Curtailment of Non-Essential Building Load

The purpose of the Curtailment of Non-Essential Building Load is to provide additional load relief, to be expedited prior to, but no later than the same time as a voltage reduction.

Voluntary Customer Load Curtailment

The purpose of the Voluntary Customer Load Curtailment (VCLC) is to provide further load relief. It is implemented when the estimated peak load minus the relief expected from curtailment of non-essential building load and a 2.5%–5% voltage reduction is greater than operating capacity.

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**

E. SERVICE RESTORATION PROCEDURES(cont'd)

PJM/SCC—Public Appeal to conserve electricity usage

Manual Load Dump

The purpose of the Manual Load Dump is to provide load relief when all other possible means of supplying internal PJM RTO load have been used to prevent a catastrophe within the PJM RTO or to maintain tie schedules so as not to jeopardize the reliability of the other interconnected regions. It is implemented when the PJM RTO cannot provide adequate capacity to meet the PJM RTO's load or critically overloaded transmission lines or equipment cannot be relieved in any other way and/or low frequency operation occurs in the PJM RTO, parts of the PJM RTO, or PJM RTO and adjacent Control Areas that may be separated as an island.

Addendum to Manual Load Dump Procedures

AEP understands that PJM intends to implement these curtailment protocols consistent with the agreements that PJM entered into in Kentucky and Virginia, in Stipulations approved by the Kentucky Public Service Commission and Virginia State Corporation Commission (with modifications) in Case No. 2002-00475 and Case No. PUE-2000-00550, respectively.

Capacity Deficiency Summary

A summary of the emergency alerts, warning and actions, together with the typical sequence and the method of communication, are presented in the following Table III-2 on Tariff Sheet No. 3-6.

		Communications	Description	
Alert	Maximum Emergency Generation	PJM-POG via All-Call PJM-SCC via All-Call SCC-TDC	SCC/POG review scheduled or actual maintenance affecting capacity or critical transmission to determine if it can be deferred or cancelled	EEA 1
	Primary Reserve	PJM-POG via All-Call PJM-SCC via All-Call SCC-TDC	(Same as above)	
	Voltage Reduction	PJM-SCC via All-Call SCC-TDC	SCC/TDC to identify stations for Voltage Reduction	
	Voluntary Customer Load Curtailment	PJM-POG via All-Call PJM-SCC via All-Call	Not Applicable	
Warning	Primary Reserve	PJM-POG via All-Call PJM-SCC via All-Call SCC-TDC	SCC/POG ensure that all deferrable maintenance or testing affecting capacity or critical transmission is halted.	
	Voltage Reduction & Reduction of Non-Critical Plant Load	PJM-POG via All-Call PJM-SCC via All-Call SCC-TDC	SCC to inform TDC to man Voltage Reduction Stations & prepare for Voltage Reduction	POG to reduce plant load (See Table III-4)
	Manual Load Dump	PJM-SCC via All-Call SCC-POG Environmental Services SCC-TDC-DDC	Lifting of Environmental Restrictions (See Table III-5)	Manual & Automatic Load Shedding
		Make preparations for a Public Appeal if one becomes necessary.	Obtain permission to exceed opacity limits Obtain permission to exceed heat input limits Obtain permission to exceed river temperature limits	SCC/TDC will review local computer procedures and man manual load shedding stations

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



Action	Maximum Emergency Generation	PJM-POG via All-Call PJM-SCC via All-Call	Supplemental Oil & Gas Firing; Operate Generator Peakers; Emergency Hydro; Extra Load Capability	See Table III-3 Page 37 of 205
	Load Management Curtailment (ALM)	PJM-SCC via All-Call SCC-POG	Step 3 - 1267 Mws - 1 hr, 249 Mws - 2 hr	EEA-2 (DOE Report)
	Load Reduction Program	PJM-SCC via All-Call	Not Applicable	
	Voltage Reduction	PJM-SCC via All-Call SCC-TDC & SCC-POG	Initiate Voltage Reduction - AEP/PJM - 64 Mws	
	Curtailment of Non-Essential Building Load	PJM-POG via All-Call PJM-SCC via All-Call SCC-Building Services	Initiate curtailment of AEP building load - 4.4 Mws	Issued approx. same time as Voltage Reduction
	Voluntary Customer Load Curtailment	PJM-POG via All-Call PJM-SCC via All-Call	Not Applicable	EEA 3 (DOE Report)
	Public Appeal (may be issued at any stage of the Action items)	SCC - Corporate Communications	Radio and TV alert to general public	2% of AEP Internal Load
		SCC - Customer Services SCC - POG	Call to Industrial and Commercial Customers	1276 Mws - 1 hr + 320 Mws - 2 hr
		SCC - TDC	Municipal and REMC Customers	7% of Cust. Load
	Manual Load Dump	PJM-SCC via All-Call SCC-POG-Environmental Services SCC-TDC-DDC	PJM Allocation based on deficient zones	
		Lift Environmental Restrictions on units	(regains curtailed generation)	
		Selected distribution customers (manual load curtailment)	Execute MLD	

**Energy Emergency Alert Levels (reference NERC Appendix 5C)**

9. Alert 1 - All available resources in use.  
Circumstances:

- Control Area, Reserve Sharing Group, or Load Serving Entity foresees or is experiencing conditions where all available resources are committed to meet firm load, firm transactions, and reserve commitments, and is concerned about sustaining its required Operating Reserves, and
- Non-firm wholesale energy sales (other than those that are recallable to meet reserve requirements) have been curtailed.

10. Alert 2 - Load management procedures in effect.  
Circumstances:

- Control Area, Reserve Sharing Group, or Load Serving Entity is no longer able to provide its customers' expected energy requirements, and is designated an Energy Deficient Entity.
- Energy Deficient Entity foresees or has implemented procedures up to, but excluding, interruption of firm load commitments. When time permits, these procedures may include, but are not limited to:
  - Voltage reduction
  - Emergency Curtailable Service
  - Public appeals to reduce demand
  - Interruption of non-firm end use loads in accordance with applicable contracts, for emergency, not economic reasons
  - Demand-side management

(Cont'd on Sheet No. 3-12)

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CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)

Energy Emergency Alert Levels (reference NERC Appendix 5C)(Cont'd)

10. Alert 2 - Load management procedures in effect.  
Circumstances (Cont'd)

- Utility load conservation measures
- During Alert 2, The Reliability Coordinators, Control Areas, and Energy Deficient Entities and AEP have the following responsibilities:
  - 2.1 Notifying other Control Areas and Market Participants.
  - 2.2 Declaration Period. The Energy Deficient Entity shall update the Reliability Coordinator of the situation at a minimum of every hour until the Alert 2 is terminated.
  - 2.3 Share information on resource availability.
  - 2.4 Evaluating and mitigating transmission limitations:
    - 2.4.1 Notification of ATC adjustments.
    - 2.4.2 Availability of generation redispatch options.
    - 2.4.3 Evaluating impact of current Transmission Loading Relief events.
    - 2.4.4 Initiating inquiries on reevaluating Operating Security Limits.
  - 2.5 Coordination of emergency responses. The Reliability Coordinator shall communicate and coordinate the implementation of emergency operating responses.
  - 2.6 Energy Deficient Entity actions. Before declaring an Alert 3, the Energy Deficient Entity must make use of available resources. This includes but is not limited to:
    - 2.6.1 All available generation units are on line. All generation capable of being on line in the time frame of the emergency is on line including quick start and peaking units, regardless of cost.
    - 2.6.2 Purchases made regardless of cost. All firm and non-firm purchases have been made regardless of cost.
    - 2.6.2 Non-firm sales recalled and contractually interruptible loads and DSM curtailed. All non-firm sales have been recalled, contractually interruptible retail loads curtailed, and Demand-side Management activated within provisions of the agreements.
    - 2.6.3 Operating Reserves. Operating reserves are being utilized such that the Energy Deficient Entity AEP is carrying reserves below the required minimum or has initiated emergency assistance through its operating reserve sharing program.

1. Alert 3 - Firm load interruption imminent or in progress.  
Circumstances:

- Control Area or Load-Serving Entity foresees or has implemented firm load obligation interruption. The available energy to the Energy Deficient Entity, as determined from Alert 2, is only accessible with actions taken to increase transmission transfer capabilities.
- 3.1 Continue actions from Alert 2.

(Cont'd on Sheet No. 3-13)

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**CAPACITY AND ENERGY CONTROL PROGRAM (Cont'd)**

**Energy Emergency Alert Levels (reference NERC Appendix 5C)(Cont'd)**

1. ~~Alert 3 – Firm load interruption imminent or in progress.  
Circumstances:~~

2. ~~Alert 3 – Firm load interruption imminent or in progress.  
Circumstances:~~

~~3.2 Declaration Period. The Energy Deficient Entity shall update the Reliability Coordinator of the situation at a minimum of every hour until the Alert 3 is terminated.~~

~~3.3 Use of Transmission short-time limits.~~

~~3.4 Reevaluating and revising Operating Security Limits.~~

~~3.4.1 AEP Energy Deficient Entity obligations. The deficient Control Area or Load Serving Entity must agree that, upon notification from its Reliability Coordinator of the situation, it will immediately take whatever actions are necessary to mitigate any undue risk to the Interconnection. These actions may include load shedding.~~

~~3.4.2 Mitigation of cascading failures. The Reliability Coordinator shall use his best efforts to ensure that revising Operating Security Limits would not result in any cascading failures within the Interconnection.~~

~~3.5 Returning to pre-emergency Operating Security Limits. Whenever energy is made available to an Energy Deficient Entity such that the transmission systems can be returned to their pre-emergency Operating Security Limits, the Control Area Coordinator Energy Deficient Entity shall notify its respective Reliability Coordinator and downgrade the Alert.~~

~~3.5.1 Notification of other parties. Notifications will be made via Oasis and the RCIS.~~

~~3.6 Reporting. Any time an Alert 3 is declared, the Control Area Coordinator Energy Deficient Entity shall complete the report listed in NERC Appendix 9B, Section C and submit this report to its respective Reliability Coordinator within two business days of downgrading or termination of the Alert. Upon receiving the report, the Reliability Coordinator shall review it for completeness and immediately forward it to the NERC staff for posting on the NERC web site. The Reliability Coordinator shall present this report to the appropriate NERC Sub-committee Reliability Coordinator Working Group at its next scheduled meeting.~~

~~4. Alert 0 – Termination. When the Energy Deficient Entity believes it will be able to supply its customers' energy requirements, it shall request of his Reliability Coordinator that the EEA be terminated.~~

~~4.1 Notification.~~

**III. ENERGY EMERGENCY CONTROL PROGRAM (EOP Section V)**

**A. INTRODUCTION**

The purpose of this plan is to provide for the reduction of the consumption of electric energy on the American Electric Power Company System in the event of a severe coal fuel shortage, such as might result from a general strike, or severe weather.

(Cont'd on Sheet No. 3-14)

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CAPACITY AND ENERGY CONTROL PROGRAM(Cont'd)

III. ENERGY EMERGENCY CONTROL PROGRAM (EOP Section V)(Cont'd)

B. PROCEDURES

In the event of a potential severe coal shortage, such as one resulting from a general coal strike, the following steps will be implemented. These steps will be carried out to the extent permitted by contractual commitments or by order of the regulatory authorities having jurisdiction. *For further information, see EOP Section V.*

A. ~~To be initiated when system fuel supplies are decreased to 70% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:~~

- ~~1. Optimize the use of non-coal-fired generation to the extent possible.~~
- ~~2. For individual plants significantly under 750% of normal minimum target days' supply, review the prudence of modifying economic dispatching procedures to conserve coal.~~
- ~~3. If necessary discontinue all economy sales to neighboring utilities.~~
- ~~4. Curtail the use of energy in company offices, plants, etc., over and above the reductions already achieved by current in-house conservation measures.~~

B. ~~To be initiated when system fuel supplies are decreased to 60% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:~~

- ~~1. Substitute the use of oil for coal, as permitted by plant design, oil storage facilities, and oil availability.~~
- ~~2. Discontinue all economy and short-term sales to neighboring utilities.~~
- ~~3. Limit emergency deliveries to neighboring utilities to situations where regular customers of such utilities would otherwise be dropped or where the receiving utility agrees to return like quantities of energy within 14 days.~~
- ~~4. Curtail electric energy consumption by customers on Interruptible contracts to a maximum of 132 hours of use at contract demand per week.~~
- ~~5. Purchase energy from neighboring systems to the extent practicable.~~
- ~~6. Purchase energy from industrial customers with generation facilities to the extent practicable.~~
- ~~7. Through the use of news media and direct consumer contact, appeal to all customers (retail as well as wholesale) to reduce their nonessential use of electric energy as much as possible, in any case by at least 25%.~~
- ~~8. Reduce voltage around the clock to the extent feasible.~~
- ~~9. The Company will advise customers of the nature of the mandatory program to be introduced in C below, through direct contact and mass media, and establish an effective means of answering specific customer inquiries concerning the impact of the mandatory program on electricity availability.~~

(Cont'd on Sheet No. 3-15)

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CAPACITY AND ENERGY CONTROL PROGRAM(Cont'd)

~~III. ENERGY EMERGENCY CONTROL PROGRAM(Cont'd)~~

~~B. PROCEDURES (Cont'd)~~

~~C. To be initiated -- in the order indicated below -- when system fuel supplies are decreased to 50% of normal target days' operation of coal-fired generation plants and a continued downward trend in coal stocks is anticipated:~~

- ~~1. Discontinue emergency deliveries to neighboring utilities unless the receiving utility agrees to return like quantities of energy within seven days.~~
- ~~2. Request all customers, retail as well as wholesale, to reduce their nonessential use of electric energy by 100%.~~
- ~~3. Request, through mass communication media, curtailment by all other customers a minimum of 15% of their electric use. These uses include lighting, air conditioning, heating, manufacturing processes, cooking, refrigeration, clothes washing and drying and any other loads that can be curtailed.~~
- ~~4. All customers will be advised of the mandatory program specified below in D.~~

~~D. To be initiated when system fuel supplies are decreased to 40% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:~~

- ~~1. Implement procedures for curtailment of service to all customers to a minimum service level that is not greater than that required for protection of human life and safety, protection of physical plant facilities and employees' security. This step asks for curtailment of the maximum load possible without endangering life, safety and physical facilities.~~
- ~~2. All customers will be advised of the mandatory program specified below in E.~~

~~E. To be initiated when system fuel supplies are decreased to 30% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:~~

~~Implement procedures for interruption of selected distribution circuits on a rotational basis, while minimizing -- to the extent practicable -- interruption to facilities that are essential to the public health and safety. (See Section II, Step 14.)~~

~~F. The Energy Emergency Control Program will be terminated when:~~

- ~~1. The AEP System's remaining days of operation of coal-fired generation is at least 40% of normal target days' operation; and~~
- ~~2. Coal deliveries have been resumed, and~~
- ~~3. There is reasonable assurance that the AEP System's coal stocks are being restored to adequate levels.~~

~~With regard to mandatory curtailments identified in Items C, D, and E above, the Company proposes to monitor compliance after the fact. A customer exceeding his electric allotment would be warned to curtail his usage or face, upon continuing noncompliance and upon one day's actual written notice, disconnection of electric service for the duration of the energy emergency.~~

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 4- 1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 4- 1

### STANDARD NOMINAL VOLTAGES

The voltage available to any individual customer shall depend upon the voltage of the Company's lines serving the area in which customer is provided service.

Electric service provided under the Company's rate schedules will be 60 hertz alternating current delivered from various load centers at nominal voltages and phases as available in a given location as follows:

#### SECONDARY DISTRIBUTION VOLTAGES.

Residential Service

Single phase 120/240 volts three wire or 120/208 volts three wire on network system.

General Service - All Except Residential

Single-phase 120/240 volts three wire or 120/208 volts three wire on network system. Three-phase 120/208 volts four wire on network system, 120/240 volts four wire, 240 volts three wire, 480 volts three wire and 277/480 volts four wire, *Single-phase 480 volts two wire, and Single-phase 240/480 volts three wire.*

#### PRIMARY DISTRIBUTION VOLTAGES.

The Company's primary distribution voltage levels at load centers are 2,400; 4,160Y; 7,200; 12,470Y, 19,900 and 34,500Y.

#### SUBTRANSMISSION LINE VOLTAGES.

The Company's sub transmission voltage levels are 19,900; 34,500; 46,000; and 69,000.

#### TRANSMISSION LINE VOLTAGES.

The Company's transmission voltage levels are 138,000; 161,000; 345,000; and 765,000.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 5-1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 5-1

**TARIFF F.A.C.**  
**(Fuel Adjustment Clause)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., Experimental R.S.T.O.D. 2, R.S.-L.M.-T.O.D., R.S.-T.O.D., G.S., S.G.S., S.G.S.-T.O.D., M.G.S., M.G.S.-T.O.D., L.G.S., L.G.S. - T.O.D., Pilot K-42 School, L.G.S., C.S.-I.R.P., M.W., and S.L.

**RATE.**

1. The fuel clause shall provide for periodic adjustment per kwh of sales equal to the difference between the fuel costs per kwh of sales in the base period and in the current period according to the following formula:

$$\text{Adjustment Factor} = \frac{F(m)}{S(m)} - \frac{F(b)}{S(b)}$$

Where F is the expense of fossil fuel in the base (b) and current (m) periods; and S is sales in the base (b) and current (m) periods, all as defined below:

2. F(b)/S(b) shall be so determined that on the effective date of the Commission's approval of the utility's application of the formula, the resultant adjustment will be equal to zero (0).
3. Fuel costs (F) shall be the most recent actual monthly cost of:
  - a. Fossil fuel consumed in the utility's own plants, and the utility's share of fossil and nuclear fuel consumed in jointly owned or leased plants, plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of the fuel related substitute generation, plus
  - b. The actual identifiable fossil and nuclear fuel costs [if not known—the month used to calculate fuel (F), shall be deemed to be the same as the actual unit cost of the Company generation in the month said calculations are made. When actual costs become known, the difference, if any, between fuel costs (F) as calculated using such actual unit costs and the fuel costs (F) used in that month shall be accounted for in the current month's calculation of fuel costs (F)] associated with energy purchased for reasons other than identified in paragraph (c) below, but excluding the cost of fuel related to purchases to substitute the forced outages, plus
  - c. The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein may be such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy; and less
  - d. The cost of fossil fuel recovered through intersystem sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
  - e. *The fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, and 2930.*
  - f. All fuel costs shall be based on weighted average inventory costing.

(Cont'd on Sheet No. 5-2)

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**TARIFF F.A.C. (Cont'd)**  
**(Fuel Adjustment Clause)**

4. Forced outages are all nonscheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacturer, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection or acts of the public enemy, then the utility may, upon proper showing, with the approval of the Commission, include the fuel costs of substitute energy in the adjustment. Until such approval is obtained, in making the calculations of fuel costs (F) in subsection (3)(a) and (b) above, the forced outage costs to be subtracted shall be no less than the fuel cost related to the lost generation.
5. Sales (S) shall be all kwh's sold, excluding intersystem sales. Where, for any reason billed system sales cannot be coordinated with the fuel costs for the billing period, sales may be equated to the sum of (i) generation, (ii) purchases, (iii) interchange in, less (iv) energy associated with pumped storage operations, less (v) intersystem sales referred to in subsection (3)(d) above, less (vi) total system loss. Utility used energy shall not be excluded in the determination of sales (S).
6. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of the fuel itself and necessary charges for transportation of the fuel from the point of acquisition to the unloading point, as listed in Account 151 of FERC Uniform System of Accounts or Public Utilities and Licenses.
7. At the time the fuel clause is initially filed, the utility shall submit copies of each fossil fuel purchase contract not otherwise on file with the Commission and all other agreements, options or similar such documents, and all amendments and modifications thereof related to the procurement of fuel supply and purchased power. Incorporation by reference is permissible. Any changes in the documents, including price escalations, or any new agreements entered into after the initial submission, shall be submitted at the time they are entered into. Where fuel is purchased from utility-owned or controlled sources, or the contract contains a price escalation clause, those facts shall be noted and the utility shall explain and justify them in writing. Fuel charges, which are unreasonable, shall be disallowed and may result in the suspension of the fuel adjustment clause. The Commission on its own motion may investigate any aspect of fuel purchasing activities covered by this regulation.
8. Any tariff filing which contains a fuel clause shall conform that clause with this regulation within three (3) months of the effective date of this regulation. The tariff filing shall contain a description of the fuel clause with detailed cost support.
9. The monthly fuel adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
10. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
11. At six (6) month intervals, the Commission will conduct public hearings on a utility's past fuel adjustments. The Commission will order a utility to charge off and amortize, by means of a temporary decrease of rates, any adjustment it finds unjustified due to improper calculation or application of the charges or improper fuel procurement practice.
12. Every two (2) years following the initial effective date of each utility fuel clause, the Commission in a public hearing will review and evaluate past operations of the clause, disallow improper expenses, and to the extent appropriate, reestablish the fuel clause charge in accordance with Subsection 2.
13. Resulting cost per kilowatt-hour in October 2014 to be used as the base cost in Standard Fuel Adjustment Clause is:

Fuel-	October 2014	÷	\$12,504,307	=	\$0.02725/kwh
Sales	October 2014		458,919,000		

This, as used in the Fuel Adjustment Clause, is 2.725¢ per kilowatt-hour.

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In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-1

**TARIFF R.S.  
(Residential Service)**

**AVAILABILITY OF SERVICE.**

Available for full domestic electric service through 1 (one) meter to individual residential customers including rural residential customers engaged principally in agricultural pursuits.

**RATE.** (Tariff Codes 015, 017, 022)

Service Charge.....	\$11.00 17.50 per month
Energy Charge: .....	8.79¢ 10.85¢ per KWH

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Home Energy Assistance Program	Sheet No. 25
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule.

(Cont'd on Sheet No. 6-2)

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TARIFF R.S. (Cont'd)  
(Residential Service)

ASSET TRANSFER RIDER.

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

BIG SANDY RETIREMENT RIDER.

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.

BIG SANDY I OPERATION RIDER.

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

PURCHASE POWER ADJUSTMENT.

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

ENVIRONMENTAL SURCHARGE.

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of the Tariff Schedule.

CAPACITY CHARGE.

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 28-1 through 28-2 of this Tariff Schedule.

KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15-\$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

HOME ENERGY ASSISTANCE PROGRAM (HEAP) CHARGE.

Applicable to all residential customers. Bills computed according to the rates set forth herein shall be increased by a HEAP charge of 15¢-20¢ per meter per month and shall be shown on the residential customers bill as a separate line item. The Home Energy Assistance Program charge will be applied to all residential electric bills rendered during the billing cycles commencing July 2010 and continue until otherwise directed by the Public Service Commission.

(Cont'd on Sheet No. 6-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-3

**TARIFF R.S.(Cont'd)  
(Residential Service)**

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**VOLUNTEER FIRE DEPARTMENTS** (Tariff Code 024)

Volunteer Fire Departments may qualify pursuant to KRS 278.172 for this tariff but will be required to provide a completed Form 990 and update it annually.

**STORAGE WATER HEATING PROVISION.**

This provision is withdrawn except for the present installations of current customers receiving service hereunder at premises served prior to April 1, 1997.

If the customer installs a Company approved storage water heating system which consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

Tariff Code

- 012 (a) For Minimum Capacity of 80 gallons, the last 300 KWH of use in any month shall be billed at ~~5.090¢~~ 6.418¢ per KWH.
- 013 (b) For Minimum Capacity of 100 gallons, the last 400 KWH of use in any month shall be billed at ~~5.094¢~~ 6.418¢ per KWH.
- 014 (c) For Minimum Capacity of 120 gallons or greater, the last 500 KWH of use in any month shall be billed at ~~5.094¢~~ 6.418¢ per KWH.

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These provisions, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purpose of this provision, the on-peak billing period is defined as 7:00A.M. to 9:00P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00PM to 7:00AM for all weekdays and all hours of Saturday and Sunday.

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the storage water heater provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the Customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge, and the adjustment clauses ~~the Fuel Adjustment Clause, the System Sales Clause, the Demand Side Management Clause, the Asset Transfer Rider, Big Sandy Retirement Rider, Big Sandy I Operation Rider, the Purchase Power Adjustment, the Environmental Surcharge, the Capacity Charge, the Kentucky Economic Development Surcharge, and the Residential HEAP Charge,~~ factors as stated in the above monthly rate Adjustment Clauses section.

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(Cont'd. on Sheet No. 6-4)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-4  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-4

**TARIFF R.S.**  
**(Residential Service)**

**LOAD MANAGEMENT WATER-HEATING PROVISION.** (Tariff Code 011)

For residential customers who install a load management water-heating system which consumes electrical energy during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at ~~5.209¢~~ 6.418¢ per KWH.

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

The Company reserves the right to inspect at all reasonable times the load management water-heating system(s) and devices which qualify the residence for service under the Load Management Water-Heating Provision. If the Company finds that, in its sole judgment, the availability conditions of this provision are being violated; it may discontinue billing the Customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge, and the adjustment clauses ~~the Fuel Adjustment Clause, the System Sales Clause, the Demand Side Management Clause, the Asset Transfer Rider, Big Sandy Retirement Rider, Big Sandy 1 Operation Rider, the Purchase Power Adjustment, the Environmental Surcharges, the Capacity Charge, the Kentucky Economic Development Surcharges and the Residential HEAP Charge factors as stated in the above monthly rate Adjustment Clauses section.~~

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This service is available to rural domestic customers engaged principally in agricultural pursuits where service is taken through one meter for residential purposes as well as for the usual farm uses outside the home, but it is not extended to operations of a commercial nature or operations such as processing, preparing or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

The Company shall have the option of reading meters monthly or bimonthly and rendering bills accordingly. When bills are rendered bimonthly, the minimum charge and the quantity of KWH in each block of the rates shall be multiplied by two.

Pursuant to 807 KAR 5:041, Section 11, paragraph (1), of Public Service Commission Regulations, the Company will make an extension of 1,000 feet or less to its existing distribution line without charge for a prospective permanent residential customer served under this R.S. Tariff. Pursuant to 807 KAR 5:041 Section 12 extensions of up to 150 feet for a mobile home are provided without charge.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement.

(Cont'd on Sheet No. 6-5)

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KENTUCKY POWER COMPANY

S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-5  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-5

**TARIFF R.S.-L.M.-T.O.D.**  
**(Residential Service Load Management Time-of-Day)**

**AVAILABILITY OF SERVICE.**

Available to customers eligible for Tariff R.S. (Residential Service) who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours.

Households eligible to be served under this tariff shall be metered through a multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods.

**RATE.** (Tariff Codes 028, 030, 032, 034)

Service Charge.....	\$ 13.60 20.00 per month
Energy Charge:	
All KWH used during on-peak billing period.....	13.394¢ 16.553¢ per KWH
All KWH used during off-peak billing period.....	5.094¢ 6.418¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**CONSERVATION AND LOAD MANAGEMENT CREDIT.**

For the combination of an approved electric thermal storage space heating system and water heater, both of which are designed to consume electrical energy only between the hours of 9:00P.M. and 7:00A.M. for all days of the week, each residence will be credited 0.745¢ per KWH for all energy used during the off-peak billing period, for a total of 60 monthly billing periods following the installation and use of these devices in such residence.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule.

(Cont'd. on Sheet 6-6)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-6  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-6

**TARIFF R.S.-L.M.-T.O.D. (Cont'd)**  
**(Residential Service Load Management Time-of-Day)**

**ADJUSTMENT CLAUSES.**

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Home Energy Assistance Program</i>	<i>Sheet No. 25</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

**ASSET TRANSFER RIDER**

~~Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.~~

**BIG SANDY RETIREMENT RIDER.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 thru 38-2 of this Tariff Schedule.~~

**BIG SANDY 1 OPERATION RIDER.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.~~

**PURCHASE POWER ADJUSTMENT.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.~~

**ENVIRONMENTAL SURCHARGE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 thru 29-7 of this Tariff Schedule.~~

(Cont'd on Sheet No. 6-7)

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In Case No. 2017-00179 Dated XXXXXXX.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-7  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-7

**TARIFF R.S.-L.M.-T.O.D. (Cont'd)**  
**(Residential Service Load Management Time-of-Day)**

**CAPACITY CHARGE.**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWII calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 and 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15-\$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

**HOME ENERGY ASSISTANCE PROGRAM (HEAP) CHARGE.**

Applicable to all residential customers. Bills computed according to the rates set forth herein shall be increased by a HEAP charge of 15¢-0.20¢ per meter per month and shall be shown on the residential customers' bill as a separate line item. The Home Energy Assistance Program charge will be applied to all residential electric bills rendered during the billing cycles commencing July 2010 and continue until otherwise directed by the Public Service Commission.

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**SEPARATE METERING PROVISION.**

Customers who use electric thermal storage space heating and water heaters which consume energy only during off-peak hours specified by the Company, or other automatically controlled load management devices such as space and/or water heating equipment that use energy only during off-peak hours specified by the Company, shall have the option of having these approved load management devices separately metered. The service charge for the separate meter shall be \$3.75 per month.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

The Company reserves the right to inspect at all reasonable times the energy storage and load management devices which qualify the residence for service and for conservation and load management credits under this tariff, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds, that in its sole judgment, the availability conditions of this tariff are being violated; it may discontinue billing the Customer under this tariff and commence billing under the appropriate Residential Service Tariff.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

(Cont'd on Sheet 6-8)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-8  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-8

**TARIFF R.S. - T.O.D.**  
**(Residential Service Time-of-Day)**

AVAILABILITY OF SERVICE.

Available for residential electric service through a multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers, including residential customers engaged principally in agricultural pursuits. Availability is limited to the first 1,000 customers applying for service under this tariff.

RATE. (Tariff Code 036)

Service Charge.....	\$ 13.60 20.00 per month
Energy Charge:	
All KWH used during on-peak billing period.....	13.394¢ 16.553¢ per KWH
All KWH used during off-peak billing period.....	5.094¢ 6.418¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00A.M. to 9:00P.M. for all weekdays, Monday through Friday. The off-peak period is defined as 9:00P.M. to 7:00A.M. for all weekdays and all hours of Saturday and Sunday.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

ADJUSTMENT CLAUSES.

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Home Energy Assistance Program</i>	<i>Sheet No. 25</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

FUEL ADJUSTMENT CLAUSE.

~~Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.~~

SYSTEM SALES CLAUSE.

~~Bill computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.~~

(Cont'd on Sheet No. 6-9)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-9  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-9

**TARIFF R.S. - T.O.D.  
(Residential Service Time-of-Day)**

**DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE**

Bills computed according to the rates set forth herein will be increased or decreased by an Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule.

**ASSET TRANSFER RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet No. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 thru 38-2 of this Tariff Schedule.

**BIG SANDY 1 OPERATION RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

**CAPACITY CHARGE**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 thru 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 \$ 0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

(Cont'd on Sheet No. 6-10)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-10  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-10

**TARIFF R.S. - T.O.D. (Cont'd)**  
**(Residential Service Time-of-Day)**

**HOME ENERGY ASSISTANCE PROGRAM (HEAP) CHARGE.**

Applicable to all residential customers. Bills computed according to the rates set forth herein shall be increased by a HEAP charge of ~~15¢~~ 0.20¢ per meter per month and shall be shown on the residential customers' bill as a separate line item. The Home Energy Assistance Program charge will be applied to all residential electric bills rendered during the billing cycles commencing July 2010 and continue until otherwise directed by the Public Service Commission.

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

(Cont'd on Sheet No. 6-11)

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KENTUCKY POWER COMPANY

P.S.C. KY, NO. 11 ORIGINAL SHEET NO. 6-11  
 CANCELLING P.S.C. KY, NO. 11 SHEET NO. 6-11

**TARIFF R.S. – T.O.D.2**

(Experimental Residential Service Time-of-Day 2)

**AVAILABILITY OF SERVICE.**

Available on a voluntary, experimental basis to individual residential customers for residential electric service through a multi-register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is limited to the first 500 customers applying for service under this tariff.

**RATE.** (Tariff Code 027)

Service Charge .....	\$13.60	20.00	per month
Energy Charge:			
All KWH used during Summer on-peak billing period .....	<del>10.718¢</del>	20.258¢	per KWH
All KWH used during Winter on-peak billing period .....	<del>11.894¢</del>	17.395¢	per KWH
All KWH used during off-peak billing period .....	<del>7.895¢</del>	8.902¢	per KWH

For the purpose of this tariff, the on-peak and off-peak billing periods shall be defined as follows:

<u>Months</u>	<u>On-Peak</u>	<u>Off-Peak</u>
Approximate Percent (%) Of Annual Hours	16%	84%
<u>Winter Period:</u>		
November 1 to March 31	7:00 A.M. to 11:00 A.M. 6:00 P.M. to 10:00 P.M.	11:00 AM. to 6:00 P.M. 10:00 P.M. to 7:00 A.M.
<u>Summer Period:</u>		
May 15 to September 15	Noon to 6:00 P.M.	6:00 P.M. to Noon
<u>All Other Calendar Periods</u>	None	Midnight to Midnight

NOTE: All KWH consumed during Saturday and Sunday are billed at the off-peak level.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

(Cont'd on Sheet No. 6-12)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF R.S.-T.O.D.2 (Cont'd)**  
**(Experimental Residential Service Time-of-Day 2)**

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Home Energy Assistance Program	Sheet No. 25
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**ASSET TRANSFER RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet No. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY I OPERATION RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT.**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of the Tariff Schedule.

(Cont'd on Sheet No. 6-13)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6- 13  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6- 13

**TARIFF R.S.-T.O.D.2 (Cont'd)**  
**(Experimental Residential Service Time-of-Day 2)**

**CAPACITY CHARGE.**

~~Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 through 28-2 of this Tariff Schedule.~~

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

~~Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 \$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.~~

**HOME ENERGY ASSISTANCE PROGRAM (HEAP) CHARGE.**

~~Applicable to all residential customers. Bills computed according to the rates set forth herein shall be increased by a HEAP charge of 15¢ - 0.20¢ per meter per month and shall be shown on the residential customers bill as a separate line item. The Home Energy Assistance Program charge will be applied to all residential electric bills rendered during the billing cycles commencing July 2010 and continue until otherwise directed by the Public Service Commission.~~

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power productions facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

(Cont'd on Sheet No. 6-14)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-14  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-14

**TARIFF R. S. D.**  
*(Residential Demand-Metered Electric Service)*

**AVAILABILITY OF SERVICE.**

Available for residential electric service through one single-phase multiple-register demand meter. Availability is limited to the first 1,000 customers applying for service under this tariff.

**MONTHLY RATE.**

*Service Charge* ..... \$ 17.50 per customer

*Energy Charge*

All KWH used during on-peak billing period.....13.747¢ per KWH

All KWH used during off-peak billing period..... 7.418¢ per KWH

*Demand Charge* ..... \$4.44 for each KW of monthly billing demand

For the purpose of this tariff, the on-peak billing period is defined as follows:

Months of October – May.....7:00A.M. to 11:00A.M for all weekdays

Months of June – September .....4:00P.M to 9:00P.M for all weekdays

The off-peak billing period is defined as all weekday hours not defined above as on-peak hours and all hours of Saturday and Sunday.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Home Energy Assistance Program</i>	<i>Sheet No. 24</i>
<i>Kentucky Economic Development Program</i>	<i>Sheet No. 25</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

**MONTHLY BILLING DEMAND.**

Customer's demand will be taken monthly to be the highest registration of a 15 minute integrating demand meter or indicator during the on-peak period.

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, and additional charge of 5% of the unpaid portion will be made.

*(Cont'd on Sheet No. 6-15)*

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 6-15  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 6-15

**TARIFF R. S.D. (Cont'd)**  
*(Residential Demand-Metered Electric Service)*

**SPECIAL TERMS AND CONDITIONS.**

*This Rider is subject to the Company's Terms and Conditions of Service and all provisions of the tariff under which the customer takes service, including all payment provisions. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.*

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DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 7- 1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 7- 1

**TARIFF S.G.S.  
(Small General Service)**

D

AVAILABILITY OF SERVICE:

Available for general service to customers with average monthly demands less than 10 KW and maximum monthly demands of less than 15 KW (excluding the demand served by the Load Management Time of Day provisions). Service will be provided at Secondary voltage metering only.

Customers not meeting the requirements for availability under this tariff will only be permitted to continue service under this tariff at the premise occupied for continuous service beginning no later than June 30, 2015.

RATE: (Tariff Codes 211, 212)

Service Charge.....	\$17.50 per month
Energy Charge:	
First 500 KWH per month.....	11.711 ¢ per KWH
All Over 500 KWH per month.....	7.267 ¢ per KWH

MINIMUM CHARGE:

This tariff is subject to a minimum monthly charge equal to the Service Charge.

FUEL ADJUSTMENT CLAUSE:

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

SYSTEM SALES CLAUSE:

Bills computed according to the rate set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE:

Bills computed according to the rates set forth herein will be increased or decreased by an Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

ASSET TRANSFER RIDER:

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

BIG SANDY RETIREMENT RIDER:

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.

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(Cont'd on Sheet No. 7-2)

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By Authority Of an Order of the Public Service Commission  
In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 7-2  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 7-2

**TARIFF S.G.S. (Cont'd.)  
(Small General Service)**

**BIG SANDY 1 OPERATION RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT.**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

**CAPACITY CHARGE.**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 through 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd. on Sheet 7-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

**TARIFF S.G.S. (Cont'd.)  
(Small General Service)**

**LOAD MANAGEMENT TIME-OF-DAY PROVISION:**

~~Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements.~~

~~Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.~~

**RATE** (Tariff Code 225)

Service Charge.....	\$17.50 per month
Energy Charge:	
All KWH used during on-peak billing period.....	14.360 ¢ per KWH
All KWH used during off-peak billing period.....	5.100 ¢ per KWH

**OPTIONAL UNMETERED SERVICE PROVISION:**

~~Available to customers who qualify for Tariff SGS and use the Company's service for commercial purposes consisting of small fixed electric loads such as traffic signals and signboards which can be served by a standard service drop from the Company's existing secondary distribution system. This service will be furnished at the option of the Company.~~

~~Each separate service delivery point shall be considered a contract location and shall be separately billed under the service contract. In the event one Customer has several accounts for like service, the Company may meter one account to determine the appropriate kilowatt-hour usage applicable for each of the accounts.~~

~~The Customer shall furnish switching equipment satisfactory to the Company. The Customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the contract location thereafter under this provision, and shall be entitled to bill the customer retroactively on the basis of the increased load for the full period such load was connected or the earliest date allowed by Kentucky statute whichever is applicable.~~

~~Calculated energy use per month shall be equal to the contract capacity specified at the contract location times the number of days in the billing period times the specified hours of operation. Such calculated energy shall then be billed at the following rates:~~

**RATE** (Tariff Codes 204 (Metered), 213 (Unmetered))

Customer Charge.....	\$13.50 per month
Energy Charge:	
First 500 KWH per month.....	11.711 ¢ per KWH
All Over 500 KWH per month.....	7.267 ¢ per KWH

**TERM OF CONTRACT:**

~~The Company shall have the right to require contracts for a period of one (1) year or longer.~~

**SPECIAL TERMS AND CONDITIONS:**

~~This tariff is subject to the Company's Terms and Conditions of Service.~~

~~Customer with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP-1 or by special agreement with the Company.~~

(Cont'd on Sheet No. 7-4)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

**TARIFF G.S.  
 (General Service)**

**AVAILABILITY OF SERVICE.**

Available for general service customers. Customers may continue to qualify for service under this tariff until their normal maximum demand exceeds 100 kW. (excluding the demand served by the Load Management Time-of-Day provision).

Existing customers not meeting the above criteria will be permitted to continue service under present conditions only for continuous service at the premises occupied on or prior to December 5, 1984.

**RATE.**

Tariff Code	Service Voltage	Demand Charge (\$/kW)	First 4,450 kWh (¢/kWh)	Over 4,450 kWh (¢/kWh)	Monthly Service Charge (\$)
211.212, 215, 216, 218	Secondary	7.84	10.483	10.355	22.50
217, 220	Primary	7.08	9.379	9.254	75.00
236	Subtransmission	5.75	7.667	7.544	364.00

The Demand Charge shall apply to all monthly billing demand in excess of 10 kW.

**MINIMUM CHARGE.**

This tariff is subject to a minimum charge equal to the sum of the service charge plus the demand charge multiplied by the monthly billing demand in excess of 10 kW.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet No. 7-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF G.S.**  
**(General Service)**

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**METERED VOLTAGE.**

*The rates set forth in this tariff are based upon the delivery and measurements of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:*

- (1) Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.*
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.*

**MONTHLY BILLING DEMAND.**

*Energy supplied hereunder will be delivered through not more than one single phase and/or polyphase meter. Customer's demand will be taken monthly to be the highest registration of a 15-minute integrating demand meter or indicator, or the highest registration of a thermal type demand meter. The monthly billing demand shall be the greater of: (1) Customer's metered kW demand, (2) 60% of the Customer's contract capacity in excess of 100 kW, or (3) 60% of the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.*

*The Company reserves the right to install a demand meter on any customer receiving service under this tariff. A demand meter will be installed by the Company for customers with monthly kWh usage of 4,450 kWh or greater.*

**RECREATIONAL LIGHTING SERVICE PROVISION.**

*Available for service to customers with demands of 5 KW or greater and who own and maintain outdoor lighting facilities and associated equipment utilized at baseball diamonds, football stadiums, parks and other similar recreational areas. This service is available only during the hours between sunset and sunrise. Daytime use of energy under this rate is strictly forbidden except for the sole purpose of testing and maintaining the lighting system. All Terms and Conditions of Service applicable to Tariff G.S. customers will also apply to recreational lighting customers except for the Availability of Service.*

**RATE.** (Tariff Code 214)

Service Charge .....	\$22.50 per month
Energy Charge .....	11.081¢ per KWH

(Cont'd on Sheet No. 7-3)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF G.S.**  
**(General Service) (Cont'd)**

**LOAD MANAGEMENT TIME-OF-DAY PROVISION.** (Tariff Code 223 and 225)

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.

**RATE.**

Service Charge.....	\$22.50 per month
Energy Charge:	
All KWH used during on-peak billing period.....	17.364¢ per KWH
All KWH used during off-peak billing period.....	6.418¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**OPTIONAL UNMETERED SERVICE PROVISION.**

Available to customers who qualify for Tariff SGS and use the Company's service for commercial purposes consisting of small fixed electric loads such as traffic signals and signboards which can be served by a standard service drop from the Company's existing secondary distribution system. This service will be furnished at the option of the Company.

Each separate service delivery point shall be considered a contract location and shall be separately billed under the service contract. In the event one Customer has several accounts for like service, the Company may meter one account to determine the appropriate kilowatt-hour usage applicable for each of the accounts.

The Customer shall furnish switching equipment satisfactory to the Company. The Customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the contract location thereafter under this provision, and shall be entitled to bill the customer retroactively on the basis of the increased load for the full period such load was connected or the earliest date allowed by Kentucky statute whichever is applicable.

Calculated energy use per month shall be equal to the contract capacity specified at the contract location times the number of days in the billing period times the specified hours of operation. Such calculated energy shall then be billed at the following rates:

**RATE.** (Tariff Codes 204 (Metered), 213 (Unmetered))

Customer Charge.....	\$13.50 per month
Energy Charge:	
First 500 KWH per month.....	10.483¢ per KWH
All Over 500 KWH per month.....	10.355¢ per KWH

(Cont'd on Sheet No. 7-4)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

**TARIFF G.S.**  
**(General Service) (Cont'd)**

**TERM OF CONTRACT.**

*Contracts under this tariff may be required of customers. Contracts under this tariff will be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for periods of longer than 1 (one) year.*

**SPECIAL TERMS AND CONDITIONS.**

*This tariff is subject to the Company's Terms and Conditions of Service.*

*This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum demand in KW which the Company might be required to furnish, but no less than 10 KW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.*

*This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point of both their power and camp requirements.*

*Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.*

*(Cont'd on Sheet No. 7-5)*

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF S.G.S. -- T.O.D.**  
**( Small General Service Time-of-Day Service)**

**AVAILABILITY OF SERVICE.**

Available on a voluntary, basis for general service to customers being served at secondary distribution voltage with one single-phase, multi-register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is limited to the first 500 customers applying for service under this tariff.

Customers not meeting the requirements for availability under this tariff will only be permitted to continue service under this tariff at the premise occupied for continuous service beginning no later than June 30, 2015.

**RATE.** (Tariff Code 227)

Service Charge .....	\$17.50	22.50 per month
Energy Charge:		
All KWH used during Summer on-peak billing period .....	<del>44.395¢</del>	20.636¢ per KWH
All KWH used during Winter on-peak billing period .....	<del>42.315¢</del>	16.911¢ per KWH
All KWH used during off-peak billing period .....	<del>8.667¢</del>	8.617¢ per KWH

For the purpose of this tariff, the on-peak and off-peak billing periods shall be defined as follows:

<u>Months</u>	On-Peak	Off-Peak
Approximate Percent (%) Of Annual Hours	16%	84%
<u>Winter Period:</u> November 1 to March 31	7:00 A.M. to 11:00 A.M. 6:00 P.M. to 10:00 P.M.	11:00 A.M. to 6:00 P.M. 10:00 P.M. to 7:00 A.M.
<u>Summer Period:</u> May 15 to September 15	Noon to 6:00 P.M.	6:00 P.M. to Noon
<u>All Other Calendar Periods</u>	None	Midnight to Midnight

NOTE: All KWH consumed during weekends are billed at the off-peak level.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

(Cont'd on Sheet No. 7-6)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF S.G.S.-T.O.D. (Cont'd)**  
**(Small General Service Time-of-Day)**

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased by a Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ASSET TRANSFER RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 and 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

(Cont'd on Sheet No. 7-7)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 7-7  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 7-7

**TARIFF S.G.S.-T.O.D. (Cont'd)**  
**(Small General Service Time-of-Day)**

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service. Existing customers may initially choose to take service under this tariff without satisfying any requirements to remain on their current tariff for at least 12 months.

Customers with PURPA Section 210 qualifying cogeneration and/or small power productions facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 8-1  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 8-1

**TARIFF M.G.S.**  
**(Medium-General Service)**

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**AVAILABILITY OF SERVICE:**

Available for general service to customers with average monthly demands greater than 10 KW or maximum monthly demands greater than 15 KW, but not more than 100 KW (excluding the demand served by the Load Management Time-of-Day provision). Except as provided below, customers receiving service on or before June 30, 2015 at a secondary voltage and with average monthly demand below 10 KW may be served under the S.G.S. tariff.

Existing customers not meeting the above criteria will be permitted to continue service under present conditions only for continuous service at the premises occupied on or prior to December 5, 1984.

RATE	Service Voltage		
	Secondary	Primary	Subtransmission
Tariff Code	215, 216, 218	217, 220	236
Service Charge per Month	\$ 17.50	\$ 50.00	\$ 364.00
Demand Charge per KW	\$ 1.91	\$ 1.87	\$ 1.83
Energy Charge:			
KWH equal to 200 times KW of monthly billing demand	10.198 ¢	9.357 ¢	8.634 ¢
KWH in excess of 200 times KW of monthly billing demand	8.736 ¢	8.360 ¢	8.103 ¢

**MINIMUM CHARGE:**

This tariff is subject to a minimum charge equal to the sum of the service charge plus the demand charge multiplied by 6 KW. The minimum monthly charge for industrial and coal mining customers contracting for 3 phase service after October 1, 1959 shall be \$ 7.95 per KW of monthly billing demand.

**RECREATIONAL LIGHTING SERVICE PROVISION:**

Available for service to customers with demands of 5 KW or greater and who own and maintain outdoor lighting facilities and associated equipment utilized at baseball diamonds, football stadiums, parks and other similar recreational areas. This service is available only during the hours between sunset and sunrise. Daytime use of energy under this rate is strictly forbidden except for the sole purpose of testing and maintaining the lighting system. All Terms and Conditions of Service applicable to Tariff M.G.S. customers will also apply to recreational lighting customers except for the Availability of Service.

**RATE:** (Tariff Code 214)

Service Charge	\$ 17.50 per month
Energy Charge	9.266 ¢ per KWH

**FUEL ADJUSTMENT CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule.

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(Cont'd on Sheet No. 8-2)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission  
 In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF M.G.S. (Cont'd.)  
(Medium General Service)**

D

**ASSET TRANSFER RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY 1 OPERATION RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT.**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

**CAPACITY CHARGE.**

Bills computed according to the rate set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 through 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

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(Cont'd on Sheet No. 8-3)

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 8-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 8-3

**TARIFF M.G.S (Cont'd)**  
**(Medium-Generat Service)**

D

**DELAYED PAYMENT CHARGE:**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

**METERED VOLTAGE:**

The rates set forth in this tariff are based upon the delivery and measurements of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high side of a Company-owned transformer will be multiplied by 0.98.

**MONTHLY BILLING DEMAND:**

Energy supplied hereunder will be delivered through not more than one single phase and/or polyphase meter. Customer's demand will be taken monthly to be the highest registration of a 15-minute integrating demand meter or indicator, or the highest registration of a thermal type demand meter. The minimum monthly billing demand shall not be less than (a) the minimum billing demand of 6 KW, or (b) 60% of the greater of (1) the customer's contract capacity in excess of 100 KW or (2) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

(Cont'd on Sheet No. 8-4)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF M.G.S (Cont'd)  
(Medium-General Service)**

**LOAD MANAGEMENT TIME OF DAY PROVISION.** (Tariff Code 223)

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.

**RATE.**

Service Charge .....	\$ 3.75 per month
Energy Charge:	
All KWH used during on-peak billing period .....	15.955 ¢ per KWH
All KWH used during off-peak billing period .....	5.341 ¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**TERM OF CONTRACT.**

Contracts under this tariff may be required of customers. Contracts under this tariff will be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for periods of longer than 1 (one) year.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to Customers having other source of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum demand in KW which the Company might be required to furnish, but no less than 10 KW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point of both their power and camp requirements.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.

(Cont'd on Sheet No. 8-5)

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

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**TARIFF M.G.S.-T.O.D.**  
**(Medium General Service Time-of-Day)**

**AVAILABILITY OF SERVICE.**

Available for general service to customers with normal maximum demands greater than 10 KW but not more than 100 KW. Availability is limited to the first 500 customers applying for service under this tariff.

**RATE.** (Tariff Code 229)

Service Charge .....	\$ 17.50 22.50 per month
Energy Charge: All KWH used during on-peak billing period .....	<del>15.95</del> 18.25 per KWH
All KWH used during off-peak billing period .....	<del>5.34</del> 6.40 per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday.

The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the Service Charge.

**ADJUSTMENT CLAUSES.**

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

**FUEL ADJUSTMENT CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.~~

**SYSTEM SALES CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.~~

(Cont'd on Sheet No. 8-6)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 8-6  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 8-6

**TARIFF M.G.S.-T.O.D. (Cont'd)**  
**(Medium General Service Time-of-Day)**

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE:**

Bills computed according to the rates set forth herein will be increased by a Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ASSET TRANSFER RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY I OPERATION RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT:**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE:**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of the Tariff Schedule.

**CAPACITY CHARGE:**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 through 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE:**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

(Cont'd Sheet No. 8-7)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 8-7  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 8-7

**TARIFF M.G.S.-T.O.D. (Cont'd)**  
**(Medium General Service Time-of-Day)**

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

**METERED VOLTAGE.**

*The rates set forth in this tariff are based upon the delivery and measurements of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:*

- (1) *Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.*
- (2) *Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.*

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service. Existing customers may initially choose to take service under this tariff without satisfying any requirements to remain on their current tariff for at least 12 months.

Customers with PURPA Section 210 qualifying cogeneration and/or small power productions facilities shall take service under Tariff COGEN/SPP I or by special agreement with the Company.

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF L.G.S.  
 (Large General Service)**

**AVAILABILITY OF SERVICE.**

Available for general service to customers with normal maximum demands greater than 100 KW but not more than 1,000 KW (excluding the demand served by the Load Management Time-of-Day provision).

Existing customers not meeting the above criteria will be permitted to continue service under present conditions only for continuous service at the premises occupied on or prior to December 5, 1984.

**RATE.**

Tariff Code	Service Voltage			
	Secondary 240, 242, 260	Primary 244, 246, 264	Subtransmission 248, 268	Transmission 250, 270
Service Charge per Month	\$ 85.00	\$ 127.50	\$ 628.50 679.00	\$ 628.50 679.00
Demand Charge per KW	\$ 4.67 7.84	\$ 4.53 7.08	\$ 4.48 5.75	\$ 4.41 5.61
Excess Reactive Charge per KVA	\$ 3.46	\$ 3.46	\$ 3.46	\$ 3.46
Energy Charge per KWH	7.966 8.611¢	6.809 7.580¢	4.791 5.892¢	4.699 5.778¢

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**MINIMUM CHARGE.**

Bills computed under the above rate are subject to a monthly minimum charge comprised of the sum of the service charge and the minimum demand charge. The minimum demand charge is the product of the demand charge per KW and the monthly billing demand.

**ADJUSTMENT CLAUSES.**

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

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**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

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**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

(Cont'd. On Sheet No. 9-2)

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TITLE: Director Regulatory Services

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-2  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 9-2

**TARIFF L.G.S. (Cont'd.)**  
**(Large General Service)**

**BIG SANDY RETIREMENT RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY 1 OPERATION RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT.**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

**CAPACITY CHARGE.**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 through 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 \$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

(Cont'd on Sheet No. 9-3)

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF L.G.S. (Cont'd)  
(Large General Service)**

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**MONTHLY BILLING DEMAND.**

Billing demand in KW shall be taken each month as the highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator, or at the Company's option as the highest registration of a thermal type demand meter or indicator. The monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contract capacity or (b) the customer's highest previously established monthly billing demand during the past 11 months.

**DETERMINATION OF EXCESS KILOVOLT-AMPERE (KVA) DEMAND.**

The maximum KVA demand shall be determined by the use of a multiplier equal to the reciprocal of the average power factor recorded during the billing month, leading or lagging, applied to the metered demand. The excess KVA demand, if any, shall be the amount by which the maximum KVA demand established during the billing period exceeds 115% of the kilowatts of metered demand.

**LOAD MANAGEMENT TIME-OF-DAY PROVISION.**

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.

**RATE.** (Tariff Code 251)

Service Charge .....	\$ 85.00 per month
Energy Charge:	
All KWH used during on-peak billing period .....	<del>13.136¢</del> 15.656¢ per KWH
All KWH used during off-peak billing period .....	<del>5.325¢</del> 6.419¢ per KWH

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

(Cont'd on Sheet No. 9-4)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF L.G.S. (Cont'd)  
(Large General Service)**

**TERM OF CONTRACT.**

Contracts under this tariff will be made for customers requiring a normal maximum monthly demand between 500 KW and 1,000 KW and be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts or periods greater than 1 (one) year. For customers with demands less than 500 KW, a contract may, at the Company's option, be required.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

**CONTRACT CAPACITY.**

The Customer shall set forth the amount of capacity contracted for (the "contract capacity") in an amount up to 1,000 KW. Contracts will be made in multiples of 25 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 100 KW nor more than 1,000 KW. The Company shall not be obligated to supply demands in excess of the contract capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billings periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the customer purchases power at a single point for both his power and camp requirements.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.

(Cont'd on Sheet No. 9-5)

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL  
 CANCELLING P.S.C. KY. NO. 11

**TARIFF L.G.S. – T.O.D.**  
**(Large General Service – Time of Day)**

**AVAILABILITY OF SERVICE.**

Available for general service customers with normal maximum demands of 100 KW or greater. Customers may continue to qualify for service under this tariff until their 12-month average demand exceeds 1,000 KW. Availability is limited to the first 500 customers applying for service under this tariff.

**RATE.**

Tariff Code	Service Voltage			
	Secondary	Primary	Subtransmission	Transmission
	256	257	258	259
Service Charge per Month	\$ 85.00	\$ 127.50	\$ <del>628.50</del> 679.00	\$ <del>628.50</del> 679.00
Demand Charge per KW	\$ <del>9.55</del> 10.21	\$ <del>6.85</del> 7.47	\$ <del>1.06</del> 1.58	\$ <del>1.05</del> 1.55
Excessive Reactive Charge per KVA	\$ 3.46	\$ 3.46	\$ 3.46	\$ 3.46
On-Peak Energy Charge per KWH	<del>8.542¢</del> 11.538¢	<del>8.241¢</del> 11.096¢	<del>8.150¢</del> 10.950¢	<del>8.052¢</del> 10.798¢
Off-Peak Energy Charge per KWH	<del>4.387¢</del> 4.438¢	<del>4.266¢</del> 4.306¢	<del>4.229¢</del> 4.262¢	<del>4.190¢</del> 4.217¢

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M., for all weekdays Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

**MINIMUM CHARGE.**

Bills computed under the above rate are subject to a monthly minimum charge comprised of the sum of the service charge and the minimum demand charge. The minimum demand charge is the product of the demand charge per KW and the monthly billing demand.

**ADJUSTMENT CLAUSES.**

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

(Cont'd on Sheet No. 9-6)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-6 Page 82 of 205  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 9-6

**TARIFF L.G.S. - T.O.D. (Cont'd.)**  
**(Large General Service - Time of Day)**

**FUEL ADJUSTMENT CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by an Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ASSET TRANSFER RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY I OPERATION RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT:**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE:**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

(Cont'd on Sheet 9-7)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-7 Page 83 of 205  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 9-7

**TARIFF L.G.S. – T.O.D. (Cont'd)**  
**(Large General Service – Time of Day)**

**CAPACITY CHARGE.**

~~Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 through 28-2 of this Tariff Schedule.~~

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

~~Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 \$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.~~

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional Charge of 5% of the unpaid balance will be made.

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

**MONTHLY BILLING DEMAND.**

Billing demand in KW shall be taken each month as the highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator, or at the Company's option as the highest registration of a thermal type demand meter or indicator. The monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contract capacity or (b) the customer's highest previously established monthly billing demand during the past 11 months.

**DETERMINATION OF EXCESS KILOVOLT-AMPERE (KVA) DEMAND.**

The maximum KVA demand shall be determined by the use of a multiplier equal to the reciprocal of the average power factor recorded during the billing month, leading or lagging, applied to the metered demand. The excess KVA demand, if any, shall be the amount by which the maximum KVA demand established during the billing period exceeds 115% of the kilowatts of metered demand.

(Cont'd on Sheet No. 9-8)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-8  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 9-8

**TARIFF L.G.S. – T.O.D. (Cont'd)**  
**(Large General Service – Time of Day)**

**TERM OF CONTRACT.**

Contracts under this tariff will be made for customers requiring a normal maximum monthly demand between 500 KW and 1,000 KW and be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts or periods greater than 1 (one) year. For customers with demands less than 500 KW, a contract may, at the Company's option, be required.

Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

**CONTRACT CAPACITY.**

The Customer shall set forth the amount of capacity contracted for (the "contract capacity") in an amount up to 1,000 KW. Contracts will be made in multiples of 25 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 100 KW nor more than 1,000 KW. The Company shall not be obligated to supply demands in excess of the contract capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billings periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the customer purchases power at a single point for both his power and camp requirements.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9- 9  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 9- 9

**PILOT TARIFF K-12 SCHOOL  
 (Public School)**

**AVAILABILITY OF SERVICE:**

Available for general service to Pilot K-12 School customers subject to KRS 160.325 with normal maximum demands greater than 100 KW but not more than 1,000 KW.

**RATE:**

Tariff Code	Service Voltage			
	Secondary	Primary	Subtransmission	Transmission
	260	264	268	270
Service Charge per Month	\$ 85.00	\$ 127.50	\$ 628.50	\$ 628.50
Demand Charge per KW	\$ 4.67	\$ 4.53	\$ 4.48	\$ 4.41
Excess Reactive Charge per KVA	\$ 3.46	\$ 3.46	\$ 3.46	\$ 3.46
Energy Charge per KWH	7.577¢	6.420¢	4.402¢	4.310¢

**MINIMUM CHARGE:**

Bills computed under the above rate are subject to a monthly minimum charge comprised of the sum of the service charge and the minimum demand charge. The minimum demand charge is the product of the demand charge per KW and the monthly billing demand.

**FUEL ADJUSTMENT CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by an Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ASSET TRANSFER RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet No. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

(Cont'd on Sheet No. 9-10)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-10  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 9-10

**PILOT TARIFF K-12 SCHOOL (Cont'd)**  
**(Public School)**

**BIG SANDY RETIREMENT RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet No. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY I OPERATION RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

**CAPACITY CHARGE**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per kWh calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 28-1 through 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

(Cont'd on Sheet No. 9-11)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-11 Page 87 of 205  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 9-11

**PILOT TARIFF K-12 SCHOOL (Cont'd)**  
**(Public School)**

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

**METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) — Measurements taken at the low side of a customer owned transformer will be multiplied by 1.01.
- (2) — Measurements taken at the high side of a Company owned transformer will be multiplied by 0.98.

**MONTHLY BILLING DEMAND.**

Billing demand in KW shall be taken each month as the highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator, or at the Company's option as the highest registration of a thermal type demand meter or indicator. The monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contract capacity or (b) the customer's highest previously established monthly billing demand during the past 11 months.

**DETERMINATION OF EXCESS KILOVOLT AMPERE (KVA) DEMAND.**

The maximum KVA demand shall be determined by the use of a multiplier equal to the reciprocal of the average power factor recorded during the billing month, leading or lagging, applied to the metered demand. The excess KVA demand, if any, shall be the amount by which the maximum KVA demand established during the billing period exceeds 115% of the kilowatts of metered demand.

(Cont'd on Sheet No. 9-12)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 9-12  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 9-12

**PILOT TARIFF K-12 SCHOOL (Cont'd)**  
**(Public School)**

**TERM OF CONTRACT.**

~~Contracts under this tariff will be made for customers requiring a normal maximum monthly demand between 500 KW and 1,000 KW and be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts or periods greater than 1 (one) year. For customers with demands less than 500 KW, a contract may, at the Company's option, be required.~~

~~Where new Company facilities are required, the Company reserves the right to require initial contracts for periods greater than one year for all customers served under this tariff.~~

~~A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.~~

**CONTRACT CAPACITY.**

~~The Customer shall set forth the amount of capacity contracted for (the "contract capacity") in an amount up to 1,000 KW. Contracts will be made in multiples of 25 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.~~

**SPECIAL TERMS AND CONDITIONS.**

~~This tariff is subject to the Company's Terms and Conditions of Service.~~

~~This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back up electric service from the Company. Where such conditions exist the customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 100 KW nor more than 1,000 KW. The Company shall not be obligated to supply demands in excess of the contract capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.~~

~~Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.~~

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF I.G.S.  
 (Industrial General Service)**

**AVAILABILITY OF SERVICE.**

Available for commercial and industrial customers with contract demands of at least 1,000 KW. Customers shall contract for a definite amount of electrical capacity in kilowatts, which shall be sufficient to meet normal maximum requirements.

**RATE.**

	<u>Secondary</u>	<u>Primary</u>	<u>Service Voltage Subtransmission</u>	<u>Transmission</u>	
Tariff Code	356	358/370	359/371	360/372	TTT
Service Charge per month	\$ 276.00	\$ 276.00	\$ 794.00	\$ 1,353.00	
Demand Charge per KW					
Of monthly on-peak billing demand	<del>\$ 18.23</del> 25.35	<del>\$ 15.21</del> 22.02	<del>\$ 10.02</del> 15.56	<del>\$ 9.75</del> 15.12	III
Of monthly off-peak billing demand	<del>\$ 1.10</del> 1.66	<del>\$ 1.07</del> 1.61	<del>\$ 1.05</del> 1.58	<del>\$ 1.04</del> 1.55	III
Energy Charge per KWH	<del>3.242¢</del> 3.075¢	<del>3.126¢</del> 2.959¢	<del>3.090¢</del> 2.918¢	<del>3.052¢</del> 2.878¢	RRRR

Reactive Demand Charge for each kilovar of maximum leading or lagging reactive demand in excess of 50 percent of the KW of monthly metered demand ..... \$0.69/ KVAR

For the purpose of this tariff, the on-peak billing period is defined as 7:00 AM to 9:00 PM for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays and all hours of Saturday and Sunday.

**MINIMUM DEMAND CHARGE.**

The minimum demand charge shall be equal to the minimum billing demand times the following minimum demand rates:

<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	<u>Transmission</u>	
<del>\$19.59</del> 27.10/KW	<del>\$16.53</del> 23.72 /KW	<del>\$11.32</del> 17.23/KW	<del>\$11.03</del> 16.76/KW	III

The minimum billing demand shall be the greater of 60% of the contract capacity set forth on the contract for electric service or 60% of the highest billing demand, on-peak or off-peak, recorded during the previous eleven months.

**MINIMUM CHARGE.**

This tariff is subject to a minimum charge equal to the Service Charge plus the Minimum Demand Charge.

(Cont'd. on Sheet No. 10-2)

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 10-2  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 10-2

**TARIFF I.G.S.**  
**(Industrial General Service)**

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Kentucky Economic Development Surcharge	Sheet No. 24
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ASSET TRANSFER RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet No. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet No. 38-1 through 38-2 of this Tariff Schedule.

(Cont'd on Sheet No. 10-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 10-3  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 10-3

**TARIFF I.G.S.  
(Industrial General Service)**

**BIG SANDY 1 OPERATION RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT:**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE:**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of the Tariff Schedule.

**CAPACITY CHARGE:**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 28-1 through 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE:**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEEDS charge of \$0.15 \$ 0.25 per month and shall be shown on the customers' bills as a separate line item. The KEEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

**DELAYED PAYMENT CHARGE:**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**METERED VOLTAGE:**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KVA values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

(Cont'd on Sheet No. 10-4)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 10-4  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 10-4

**TARIFF I.G.S.  
(Industrial General Service)**

**MONTHLY BILLING DEMAND.**

The monthly on-peak and off-peak billing demands in KW shall be taken each month as the highest single 15-minute integrated peak in KW as registered by a demand meter during the on-peak and off-peak billing periods, respectively.

The reactive demand in KVARs shall be taken each month as the highest single 15-minute integrated peak in KVARs as registered during the month by a demand meter or indicator.

**TERM OF CONTRACT.**

Contracts under this tariff will be made for an initial period of not less than two years and shall remain in effect thereafter until either party shall give at least 12 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than two years.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

**CONTRACT CAPACITY**

The Customer shall set forth the amount of capacity contracted for ("the contract capacity") in an amount equal to or greater than 1,000 KW in multiples of 100 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for resale service to mining and industrial Customers who furnish service to Customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point for both the power and camp requirements.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum amount of demand in KW which the Company might be required to furnish, but not less than 1,000 KW. The Company shall not be obligated to supply demands in excess of that contracted capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

Customer with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP II or by special agreement with the Company.

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In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 11  
Canceling P.S.C. KY. NO. 11

**TARIFF C.S.-COAL**  
**(Contract Service – Coal Power)**

**AVAILABILITY OF SERVICE.**

Available for service to customers engaged in the extraction or processing of coal. This tariff is available for new customers and for load expansions of existing customers who contract for service with the Company. The Company reserves the right to limit the total contract capacity for all customers served under this Tariff to 60,000 kW.

**CONDITIONS OF SERVICE.**

The Company will offer eligible customers the option to receive service pursuant to a contract agreed to by the Company and the Customer. Any such contract will be filed with the Commission and is subject to approval by the Commission. The Company will work with the Customer to provide limited exceptions to tariff provisions in areas of, but not limited to, demand charges and hours or days of operation.

Upon receipt of a request from the Customer for new or additional service, the Company will provide the Customer with a written offer containing the rates and related terms and conditions of service under which such service will be provided by the Company. If the parties reach an agreement based upon the offer provided to the Customer by the Company, such written contract will be filed with the Commission. The contract shall provide full disclosure of all rates, terms and conditions of service under this Tariff, and any and all agreements related thereto, subject to the designation of the terms and conditions of the contract as confidential, as set forth herein. The contract will become effective only upon approval by the Commission.

The Customer shall contract for capacity sufficient to meet normal maximum power requirements, but in no event will the amount contracted for be less than 1,000 KW at any delivery point.

**RATE.**

Charges for service under this Tariff will be set forth in the written agreement between the Company and the Customer.

**ADJUSTMENT CLAUSES.**

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

**FUEL ADJUSTMENT CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.~~

(Cont'd. On Sheet No. 11-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

Canceling P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 11-2  
P.S.C. KY. NO. 11 SHEET NO. 11-2

**TARIFF C.S.-COAL**  
**(Contract Service – Coal Power)**

**SYSTEM SALES CLAUSE**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE**

Bills computed according to the rates set forth herein will be increased or decreased by a Demand-Side-Management-Adjustment Clause Factor per KWH calculated in compliance with the Demand-Side-Management-Adjustment Clause contained in Sheet Nos. 22-1 through and 22-18 of this Tariff Schedule, unless the Customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**BIG SANDY RETIREMENT RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet No. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY I OPERATION RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

**CAPACITY CHARGE**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 28-1 through 28-2 of this Tariff Schedule.

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE**

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 \$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

(Cont'd, On Sheet No. 11-3)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 11-3  
Canceling P.S.C. KY. NO. 11 SHEET NO. 11-3

**TARIFF C.S.-COAL**  
**(Contract Service – Coal Power)**

**DELAYED PAYMENT CHARGE.**

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

**TERM OF CONTRACT.**

The length of the agreement and the terms and conditions of service will be stated in the agreement between the Company and the Customer.

**CONFIDENTIALITY.**

All terms and conditions of any written contract under this Tariff shall be protected from disclosure as confidential, proprietary trade secrets, if either the Customer or the Company requests a Commission determination of confidentiality pursuant to 807KAR 5:001, Section 7 and the request is granted.

**SPECIAL TERMS AND CONDITIONS.**

Except as otherwise provided in the written agreement, this Tariff is subject to the Company's Terms and Conditions of Service.

Should a new or additional deposit be required pursuant to the Company's Terms and Conditions of Service, Customers receiving service under this Tariff have the option to pay such deposit by making twelve equally monthly payments of one-twelfth of the deposit during the first year of service under this Tariff.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist, the Customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 1,000 KW.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP II or by special agreement with the Company.

Tariff C.S.-Coal shall expire on December 31, 2017.

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 12-1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 12-1

**TARIFF C.S.-I.R.P.**  
(Contract Service - Interruptible Power)

**AVAILABILITY OF SERVICE.**

Available for service to customers who contract for service under one of the Company's interruptible service options. *Industrial General Service (I.G.S.) tariff.* The Company reserves the right to limit the total contract capacity for all customers served under this Tariff to 75,000kW.

Loads of new customers locating within the Company's service area or load expansions by existing customers may be offered interruptible service as part of an economic development incentive. Such interruptible service shall not be counted toward the limitation on total interruptible power contract capacity, as specified above, and will not result in a change to the limitation on total interruptible power contract capacity.

**CONDITIONS OF SERVICE.**

The Company will offer eligible customers the option to receive interruptible power service. This interruptible service will be consistent with PJM's Limited Demand Response, Emergency - Capacity Only Program, subject to any limitations on the availability of that Program by PJM. If insufficient MWs are available for PJM enrollment by Kentucky Power, the Company shall offer to substitute one of the other PJM Emergency Demand Response Programs that is available. To be eligible for the credit, customers must be able to provide interruptible load (not including behind the meter diesel generation) of at least one (1) MW at a single site and commit to a minimum four (4) year contract term. The contract shall provide that 90 days prior to each contract anniversary date, the customer shall re-nominate the amount of interruptible load for the upcoming contract year, except that the cumulative reductions over the life of the contract shall not exceed 20% of the original interruptible load nominated under the contract. If no re-nomination is received at least 90 days prior to the contract anniversary date, the prior year's interruptible load shall apply for the forthcoming contract year.

Upon receipt of a request from the Customer for interruptible service, the Company will provide the Customer with a written offer containing the rates and related terms and conditions of service under which such service will be provided by the Company. If the parties reach an agreement based upon the offer provided to the Customer by the Company, such written contract will be filed with the Commission. The contract shall provide full disclosure of all rates, terms and conditions of service under this Tariff, and any and all agreements related thereto, subject to the designation of the terms and conditions of the contract as confidential, as set forth herein.

The Customer shall provide reasonable evidence to the Company that the Customer's electric service can be interrupted in accordance with the provisions of the written agreement including, but not limited to, the specific steps to be taken and equipment to be curtailed upon a request for interruption.

The Customer shall contract for capacity sufficient to meet normal maximum interruptible power requirements, but in no event will the interruptible amount contracted for be less than 1,000 KW at any delivery point.

**SPECIAL PROVISIONS FOR COAL MINING CUSTOMERS**

Notwithstanding other provisions of this Tariff, customers engaged in the extraction or processing of coal must be able to provide interruptible load (not including behind the meter diesel generation) of at least one (1) MW at a single site and commit to a minimum two (2) year contract term. Following the permanent cessation of coal extraction or processing activity, or both as applicable, for a continuous period of six (6) months, the contract may be terminated by the Customer upon written notice to the Company. The minimum period for the Customer to give written notice of termination following the permanent cessation of coal extraction or processing activity, or both as applicable, for a continuous period of six (6) months shall be the lesser of: (a) the remaining term of the contract; or (b) two months.

This Special Provision for Customers Engaged in Coal Extraction or Processing Activities shall expire in December 31, 2017.

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DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2017-00179 Dated XXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 12-2  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 12-2

**TARIFF C.S.-I.R.P.  
(Contract Service - Interruptible Power) (Cont'd.)**

**RATE.**

Credits under this tariff of \$3.68/kW/month will be provided for interruptible load that qualifies under PJM's rules as capacity for the purpose of the Company's *Fixed Resource Requirement* (FRR) obligation.

<u>Tariff</u>	<u>Tariff Type</u>	<u>Tariff Code Description</u>	<u>Tariff Description</u>
321	IR	CS-IRP SEC	IRP-IGS SECONDARY
330	IR	CS-IRP PR	IRP-IGS PRIMARY
331	IR	CS-IRP-ST	IRP-IGS SUBTRANSMISSION
332	IR	CS-IRP TR	IRP-IGS TRANSMISSION

Charges for service under this Tariff will be set forth in the written agreement between the Company and the Customer and will reflect the firm service rates otherwise available to the Customer.

**ADJUSTMENT CLAUSES.**

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

**FUEL SALES CLAUSE, FUEL ADJUSTMENT CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.~~

**SYSTEM SALES CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.~~

(Cont'd on Sheet No. 12-3)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 12-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 12-3

**TARIFF C.S.-I.R.P.**  
**(Contract Service - Interruptible Power) (Cont'd.)**

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by an Demand Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-15 of this Tariff Schedule, unless the Customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.~~

**ENVIRONMENTAL SURCHARGE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.~~

**CAPACITY CHARGE.**

~~Bills computed according to the rate set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 23-1 of this Tariff Schedule.~~

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

~~Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 \$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.~~

**DELAYED PAYMENT CHARGE.**

~~This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.~~

**TERM OF CONTRACT.**

~~The length of the agreement and the terms and conditions of service will be stated in the agreement between the Company and the Customer.~~

**CONFIDENTIALITY.**

~~All terms and conditions of any written contract under this Tariff shall be protected from disclosure as confidential, proprietary trade secrets, if either the Customer or the Company requests a Commission determination of confidentiality pursuant to 807 KAR 5:001 Section 7 and the request is granted.~~

(Cont'd on Sheet No. 12-4)

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In Case No. 2017-00179 Dated XXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 12-4  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 12-4

**TARIFF C.S.-I.R.P.  
(Contract Service - Interruptible Power) (Cont'd.)**

**SPECIAL TERMS AND CONDITIONS**

Except as otherwise provided in the written agreement, this Tariff is subject to the Company's Terms and Conditions of Service.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist, the Customer shall contract for the maximum amount of demand in KW, which the Company might be required to furnish, but not less than 1,000 KW.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP II or by special agreement with the Company.

(Cont'd on Sheet No. 12-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXX

**TARIFF M.W.  
(Municipal Waterworks)**

**AVAILABILITY OF SERVICE.**

Available only to incorporated cities and towns and authorized water districts and to utility companies operating under the jurisdiction of Public Service Commission of Kentucky for the supply of electric energy to waterworks systems and sewage disposal systems served under this tariff on September 1, 1982, and only for continuous service at the premises occupied by the Customer on this date. If service hereunder is discontinued, it shall not again be available.

Customer shall contract with the Company for a reservation in capacity in kilovolt-amperes sufficient to meet with the maximum load, which the Company may be required to furnish.

**RATE.** (Tariff Code 540)

Service Charge ..... \$ 22.90 per month  
Energy Charge:  
All KWH Used Per Month ..... 8.515¢ 9.922¢ per KWH

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the sum of the service charge plus ~~\$8.20~~ \$8.89 per KVA as determined from customer's total connected load.

**ADJUSTMENT CLAUSES.**

*The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:*

<i>Fuel Adjustment Clause</i>	<i>Sheet No. 5</i>
<i>System Sales Clause</i>	<i>Sheet No. 19</i>
<i>Franchise Tariff</i>	<i>Sheet No. 20</i>
<i>Demand-Side Management Adjustment Clause</i>	<i>Sheet No. 22</i>
<i>Kentucky Economic Development Surcharge</i>	<i>Sheet No. 24</i>
<i>Capacity Charge</i>	<i>Sheet No. 28</i>
<i>Environmental Surcharge</i>	<i>Sheet No. 29</i>
<i>School Tax</i>	<i>Sheet No. 33</i>
<i>Purchase Power Adjustment</i>	<i>Sheet No. 35</i>
<i>Decommissioning Rider</i>	<i>Sheet No. 38</i>

**FUEL ADJUSTMENT CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.~~

**SYSTEM SALES CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.~~

(Cont'd on Sheet No. 13-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 13-2  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 13-2

**TARIFF M.W. (Cont'd)**  
**(Municipal Waterworks)**

**DEMAND SIDE MANAGEMENT ADJUSTMENT CLAUSE**

Bills computed according to the rates set forth herein will be increased or decreased by an Demand Side Management Adjustment Clause Factor per kWh calculated in compliance with the Demand Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ASSET TRANSFER RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet No. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY I OPERATION RIDER**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of the Tariff Schedule.

**CAPACITY CHARGE**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per kWh calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 and 28-2 of this Tariff Schedule.

(Cont'd on Sheet No. 13-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 13-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 13-3

**TARIFF M.W. (Cont'd)**  
**(Municipal Waterworks)**

**KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.**

~~Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15-\$0.25 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.~~

**PAYMENT.**

Bills will be rendered monthly and will be due and payable on or before the due date stated on the bill.

**TERM OF CONTRACT.**

Contracts under this tariff will be made for not less than (1) one year with self-renewal provisions for successive periods of (1) one year each until either party shall give at least 60 days' written notice to the other of the intention to discontinue at the end of any yearly period. The Company will have the right to require contracts for periods of longer than (1) one year.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is not available to customers having other sources of energy supply.

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 14-1  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 14-1

TARIFF O.L.  
 (Outdoor Lighting)

AVAILABILITY OF SERVICE.

Available for outdoor lighting to individual customers in locations where municipal street lighting is not applicable.

RATE.

A. OVERHEAD LIGHTING SERVICE

Tariff  
 Code

	1.	High Pressure Sodium			
094		100 watts ( 9,500 Lumens) .....	\$ 9.30	9.50	per lamp
113		150 watts ( 16,000 Lumens) .....	\$ 10.58	10.50	per lamp
097		200 watts ( 22,000 Lumens) .....	\$ 12.30	11.85	per lamp
103		250 watts ( 28,000 Lumens) .....	\$ 17.63	15.64	per lamp
098		400 watts ( 50,000 Lumens) .....	\$ 19.04	17.46	per lamp
	2.	Mercury Vapor			
093*		175 watts ( 7,000 Lumens) .....	\$ 10.47	9.59	per lamp
095*		400 watts ( 20,000 Lumens) .....	\$ 18.07	15.59	per lamp

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Company will provide lamp, photo-electric relay control equipment, luminaries and upsweep arm not over six feet in length, and will mount same on an existing pole carrying secondary circuits.

B. POST-TOP LIGHTING SERVICE

Tariff  
 Code

	1.	High Pressure Sodium			
111		100 watts (9,500 Lumens) .....	\$ 14.40	15.20	per lamp
122		150 watts (16,000 Lumens) .....	\$ 23.13	25.10	per lamp
121		100 watts Shoe Box ( 9,500 Lumens) .....	\$ 32.85	30.25	per lamp
120		250 watts Shoe Box ( 28,000 Lumens) .....	\$ 25.83	27.04	per lamp
126		400 watts Shoe Box ( 50,000 Lumens) .....	\$ 42.96	37.36	per lamp
	2.	Mercury Vapor			
099*		175 watts (7,000 Lumens) .....	\$ 12.02	11.29	per lamp

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\*Effective June 29, 2010 and thereafter these lamps are not available for new installations

Company will provide lamp photo-electric relay control equipment, luminaries, post, and installation including underground wiring for a distance of thirty feet from the Company's existing secondary circuits. *Incremental costs of installation beyond thirty feet shall be the responsibility of the customer.*

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(Cont'd on Sheet 14-2)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 14-2 Page 104 of 205  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 14-2

**TARIFF O.L. (Cont'd.)  
 (Outdoor Lighting)**

**RATE. (Cont'd.)**

**C. FLOOD LIGHTING SERVICE**

Tariff  
 Code

	1.	High Pressure Sodium			
107		200 watts (22,000 Lumens).....	\$ 14.40	14.30	per lamp
109		400 watts (50,000 Lumens).....	\$ 20.16	20.49	per lamp
	2.	Metal Halide			
110		250 watts (20,500 Lumens).....	\$ 17.88	17.02	per lamp
116		400 watts (36,000 Lumens).....	\$ 22.57	20.64	per lamp
131		1000 watts (110,000 Lumens) .....	\$ 41.06	35.54	per lamp
130		250 watts Mongoose (19,000 Lumens) .....	\$ 24.63	21.27	per lamp
136		400 watts Mongoose (40,000 Lumens) .....	\$ 29.42	24.54	per lamp

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Company will provide lamp, photoelectric relay control equipment, luminaries, mounting bracket, and mount same on an existing pole carrying secondary circuits.

When new or additional facilities, other than those specified in Paragraphs A, B, and C, are to be installed by the Company, the customer in addition to the monthly charges, shall pay in advance the installation cost (labor and material) of such additional facilities extending from the nearest or most suitable pole of the Company to the point designated by the customer for the installation of said lamp, except that customer may, for the following facilities only, elect, in lieu of such payment of the installation cost to pay:

Wood pole.....	\$ 3.10	3.60	per month
Overhead wire span not over 150 feet.....	\$ 1.80	2.10	per month
Underground wire lateral not over 50 feet.....	\$ 6.75	7.80	per month

(Price includes pole riser and connections)

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**FUEL ADJUSTMENT CLAUSE.**

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Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per \_\_\_\_\_ KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff \_\_\_\_\_ Schedule. The monthly kilowatt-hours for Fuel Adjustment Clause, System Sales Clause and the Capacity Charge \_\_\_\_\_ computations are as follows:

(Cont'd on Sheet No. 14-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 14 Page 105 of 205  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 14.3

**TARIFF O.L. (Cont'd.)  
 (Outdoor Lighting)**

**BASE FUEL RATE.**

Customers receiving service under this tariff will receive bills calculated using per lamp and base fuel charge. The base fuel charge will be calculated each month by multiplying the approved base fuel amount set forth in the Company's Fuel Adjustment Clause tariff by the relevant monthly kWh value set forth in the monthly kWh table included below in the Adjustment Clauses section of this tariff.

**ADJUSTMENT CLAUSES.**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

For adjustments calculated on a per kWh basis, including those calculated under the Fuel Adjustment Clause, System Sales Clause, and the Capacity Charge tariffs, the following kWh values will be used in the calculation:

	<u>METAL HALIDE</u>			<u>MERCURY VAPOR</u>		<u>HIGH PRESSURE SODIUM</u>				
	250 WATTS	400 WATTS	1000 WATTS	175 WATTS	400 WATTS	100 WATTS	150 WATTS	200 WATTS	250 WATTS	400 WATTS
JAN	127	199	477	91	199	51	74	106	130	210
FEB	106	167	400	76	167	43	62	89	109	176
MAR	106	167	400	76	167	43	62	89	109	176
APR	90	142	340	65	142	36	53	76	93	150
MAY	81	127	304	58	127	32	47	68	83	134
JUNE	72	114	272	52	114	29	42	61	74	120
JULY	77	121	291	55	121	31	45	65	79	128
AUG	88	138	331	63	138	35	51	74	90	146
SEPT	96	152	363	69	152	39	57	81	99	160
OCT	113	178	427	81	178	45	66	95	116	188
NOV	119	188	449	86	188	48	70	100	122	198
DEC	129	203	486	92	203	52	75	108	132	214
TOTAL	1204	1896	4540	864	1896	484	704	1012	1236	2000

(Cont'd on Sheet No. 14-4)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 14-4  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 14-4

**TARIFF O.L. (Cont'd.)  
(Outdoor Lighting)**

**SYSTEM SALES CLAUSE:**

~~Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.~~

**ASSET TRANSFER RIDER:**

~~Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.~~

**BIG SANDY RETIREMENT RIDER:**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.~~

**BIG SANDY I OPERATION RIDER:**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.~~

**PURCHASE POWER ADJUSTMENT:**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.~~

**ENVIRONMENTAL SURCHARGE:**

~~Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.~~

**CAPACITY CHARGE:**

~~Bills computed according to the rate set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 28-1 of this Tariff Schedule.~~

**DELAYED PAYMENT CHARGE:**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet No. 14-5)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 14-5  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 14-5

**TARIFF O.L. (Cont'd.)  
(Outdoor Lighting)**

**HOURS OF LIGHTING.**

All lamps shall burn from one-half hour after sunset until one-half hour before sunrise every night and all night, burning approximately 4,000 hours per annum.

**OWNERSHIP OF FACILITIES.**

All facilities necessary for service including fixtures, controls, poles, transformers, secondaries, lamps and other appurtenances shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company.

The Company shall be allowed 3 working days after notification by the customer to replace all burned-out lamps.

**TERM OF INITIAL SERVICE.**

Term of initial service shall be required for a period of one year. If early termination is requested *or service is terminated during the initial 12 month period*, the customer will be billed for the remainder of the 12 month period *on the final bill*.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

The Company shall have the option of rendering monthly or bimonthly bills.

*Customer's account balances must be current prior to installation of new or additional lights.*

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**TARIFF S.L.  
 (Street Lighting)**

**AVAILABILITY OF SERVICE.**

Available for lighting service for all the lighting of public streets, public highways and other public outdoor areas in municipalities, counties, and other governmental subdivisions where such service can be supplied from the existing general distribution systems.

**RATE.** (Tariff Code 528)

A. Overhead Service on Existing Distribution Poles

1. High Pressure Sodium			
100 watts ( 9,500 lumens) .....	\$	7.85	7.55 per lamp
150 watts (16,000 lumens) .....	\$	8.88	8.30 per lamp
200 watts (22,000 lumens) .....	\$	10.70	9.75 per lamp
400 watts (50,000 lumens) .....	\$	15.96	13.21 per lamp

B. Service on New Wood Distribution Poles

1. High Pressure Sodium			
100 watts ( 9,500 lumens) .....	\$	11.05	11.65 per lamp
150 watts (16,000 lumens) .....	\$	12.23	12.55 per lamp
200 watts ( 22,000 lumens) .....	\$	14.15	14.10 per lamp
400 watts (50,000 lumens) .....	\$	19.76	18.36 per lamp

C. Service on New Metal or Concrete Poles\*

1. High Pressure Sodium			
100 watts ( 9,500 lumens) .....	\$	20.40	28.00 per lamp
150 watts (16,000 lumens) .....	\$	21.38	28.80 per lamp
200 watts (22,000 lumens) .....	\$	27.20	28.65 per lamp
400 watts (50,000 lumens) .....	\$	29.46	29.51 per lamp

\*Effective June 29, 2010 and thereafter these lamps are not available for new installations

Lumen rating is based on manufacturer's rated lumen output for new lamps.

**FUEL ADJUSTMENT CLAUSE.**

~~Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule. The monthly kilowatt-hours for Fuel Adjustment Clause, System Sales Clause and the Capacity Charge computations are as follows:~~

(Cont'd on Sheet No. 15-2)

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TITLE: Director Regulatory Services

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 15-2 Page 109 of 205  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 15-2

TARIFF S.L. (Cont'd.)  
 (Street Lighting)

BASE FUEL RATE.

Customers receiving service under this tariff will receive bills calculated using per lamp and base fuel charge. The base fuel charge will be calculated each month by multiplying the approved base fuel amount set forth in the Company's Fuel Adjustment Clause tariff by the relevant monthly kWh value set forth in the monthly kWh table included below in the Adjustment Clauses section of this tariff.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Capacity Charge	Sheet No. 28
Environmental Surcharge	Sheet No. 29
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

For adjustments calculated on a per kWh basis, including those calculated under the Fuel Adjustment Clause, System Sales Clause, and the Capacity Charge tariffs, the following kWh values will be used in the calculation:

FUEL ADJUSTMENT CLAUSE, (Cont'd.)

MONTH	HIGH PRESSURE SODIUM			
	100 WATTS	150 WATTS	200 WATTS	400 WATTS
JAN	51	74	106	210
FEB	43	62	89	176
MAR	43	62	89	176
APR	36	53	76	150
MAY	32	47	68	134
JUNE	29	42	61	120
JULY	31	45	65	128
AUG	35	51	74	146
SEPT	39	57	81	160
OCT	45	66	95	188
NOV	48	70	100	198
DEC	52	75	108	214
TOTAL	484	704	1012	2000

(Cont'd on Sheet No. 15-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 15-3  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 15-3

**TARIFF S.L. (Cont'd)**  
**(Street Lighting)**

**SYSTEM SALES CLAUSE:**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE:**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of this Tariff Schedule.

**ASSET TRANSFER RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet Nos. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro-rata amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

**BIG SANDY RETIREMENT RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet Nos. 38-1 through 38-2 of this Tariff Schedule.

**BIG SANDY I OPERATION RIDER:**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy I Operation Rider Adjustment Factor per kWh calculated in compliance with the Big Sandy I Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

**PURCHASE POWER ADJUSTMENT:**

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

**CAPACITY CHARGE:**

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet Nos. 28-1 through 28-2 of this Tariff Schedule.

**SPECIAL FACILITIES:**

When a customer requests street lighting service which requires special poles or fixtures, underground street lighting, or a line extension of more than one span of approximately 150 feet, the customer will be required to pay, in advance, an aid-to-construction in the amount of the installed cost of such special facilities

(Cont'd on Sheet No. 15-4)

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CANCELLING P.S.C. KY. NO. 11 SHEET NO. 15-4

**TARIFF S.L. (Cont'd.)  
(Street Lighting)**

**PAYMENT.**

Bills are due and payable within ten (10) days of the mailing date.

**HOURS OF LIGHTING.**

All lamps shall burn from one-half hour after sunset until one-half hour before sunrise every night and all night, burning approximately 4,000 hours per annum.

**TERM OF CONTRACT.**

Contracts under this tariff will ordinarily be made for an initial term of one year with self-renewal provisions for successive periods of one year each until either party shall give at least 60 days' notice to the other of the intention to discontinue at the end of the initial term or any yearly period. The Company may have the right to require contracts for periods of longer than one year if new or additional facilities are required.

**SPECIAL TERMS AND CONDITIONS.**

*A customer's account balances must be current prior to installation of new or additional lights.*

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 16-1  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 16-1

**TARIFF C. A. T. V.**  
**(Cable Television Pole Attachment)**

**AVAILABILITY OF SERVICE.**

Available to operators of cable television systems (Operators) furnishing cable television service in the operating area of Kentucky Power Company (Company) for attachments of aerial cables, wires and associated appliances (attachments) to certain distribution poles of Kentucky Power Company.

As used in this Tariff, an "attachment" shall mean the physical connection of (a) a messenger strand supporting the wires, cables or stand-mounted associated facilities and equipment of a cable system or (b) service drops affixed to the pole and located more than one vertical foot away from the point at which the messenger strand is attached to the pole (but not a strand originating or mid-span service drop) or (c) service drops located on a dedicated service, drop or lift pole. An attachment shall consume no more than one foot (1') of vertical space on any distribution pole owned by the Company.

**RATE.**

Charge for attachments on a two-user pole ..... \$ ~~7.21~~ \$11.97 per-attachment per year  
 Charge for attachments on a three-user pole ..... \$ ~~4.47~~ \$ 7.42 per attachment per year

The above rate was calculated in accordance with the following formula:

$$\begin{matrix} \text{Weighted Average} & & \text{Usage} & & \text{Carrying} \\ \text{Bare Pole Cost} & \times & \text{Factor} & \times & \text{Charge} \\ & & & & = \text{Rate Per Pole} \end{matrix}$$

A two-user pole is a pole being used, by actual occupation or reservation, by the Operator and the Company. A three-user pole is a pole being used by actual occupation or reservation, by the Operator, the Company, and a third party.

**DELAYED PAYMENT CHARGE.**

This Tariff is net if account is paid in full within 30 days of date of bill. On all accounts not so paid an additional charge of 5% of the unpaid balance will be made.

**POLE SUBJECT TO ATTACHMENT.**

When an Operator proposes to furnish cable television service within the Company's operating area and desires to make attachments on certain distribution poles of Company, Operator shall make written application, on a form furnished by Company, to install attachments specifying the location of each pole in question, the character of its proposed attachments and the amount and location of space desired, and any other information necessary to calculate the transverse and vertical load placed upon the pole as a result of the proposed attachment and any other facilities attached to the pole. Within forty-five (45) days after receipt of the application, Company shall notify Operator whether and to what extent any special conditions will be required to permit the use by Operator of each such pole. Operator shall reimburse Company for any expenses incurred in reviewing such written applications for attachment. Operator shall have a non-exclusive right to use such poles of Company as may be used or reserved for use by Operator and any other poles of Company when brought hereunder in accordance with the procedure hereinafter provided. Company shall have the right to grant, by contract or otherwise to others rights or privileges to use any poles of the Company and Company shall have the right to continue and extend any such rights or privileges heretofore granted. All poles shall be and remain the property of Company regardless of any payment by Operator toward their cost and Operator shall, except for the rights provided hereunder, acquire no right, title or interest in or to any such pole.

(Cont'd on Sheet No. 16-2)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 16-2  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 16-2

**TARIFF C.A.T.V. (Cont'd.)  
(Cable Television Pole Attachment)**

**STANDARDS FOR INSTALLATION.**

All attachments and associated equipment of Operator (including without limitation, power supplies) shall be installed in a manner satisfactory to Company and so as not to interfere with the present or any future use which Company may desire to make of the poles covered by this Tariff. All such attachments and equipment shall be installed and at all times maintained by Operator so as to comply at least with the minimum requirements of the National Electrical Safety Code and any other applicable regulations or codes promulgated by state, local or other governmental authority having jurisdiction there over. Power supply apparatus having as its largest dimension more than sixteen inches must be placed on a separate pole to be installed by Operator. Operator shall take necessary precautions by the installation of protective equipment or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of Operator's attachments.

**POLE INSTALLATION OR REPLACEMENT; REARRANGEMENTS; GUYING.**

In any case Operator proposes to install attachments on a pole to be erected by Company in a new location, and to provide adequate space or strength to accommodate such attachments (either at the request of Operator to comply with the aforesaid codes and regulations) such pole must, in Company's judgment, be taller and/or stronger than would be necessary to accommodate the facilities of Company and of other persons who have previously indicated that they desire to make attachments on such pole or with whom Company has an agreement providing for joint or share ownership of poles, the cost of such extra height and/or strength shall be paid to Company by Operator. Such cost shall be the difference between the cost in place of the new pole and the current cost in place of a pole considered by Company to be adequate for the facilities of Company and the attachments of such other persons.

Where in Company's judgment a new pole must be erected to replace an existing pole solely to adequately provide for Operator's proposed attachments, Operator agrees to pay Company for the entire cost of the new pole necessary to accommodate the existing facilities on the pole and Operator's proposed attachments, plus the cost of removal of the in-place pole, minus the salvage value, if any, of the removed pole. Title to the new pole shall remain with the Company. Operator shall also pay to Company and to any other owner of existing attachments on the pole the cost of removing each of their respective facilities or attachments from the existing pole and reestablishing the same or like facilities or attachments on the newly-installed pole.

If Operator's desired attachments can be accommodated on existing poles of Company by rearranging facilities of Company thereon or of any other person, or if because of Operator's proposed attachments it is necessary for Company to rearrange its facilities on any pole not owned by it, then in any such case, Operator shall reimburse Company and any such other person for the respective expense incurred in making such rearrangement.

If because of the requirements of its business, Company proposed to replace an existing pole on which Operator has any attachment, or Company proposed to change the arrangements of its facilities on any such pole in such manner as to necessitate a rearrangement of Operator's attachment, or if as a result of any inspection of Operator's attachments Company determines that any such attachments are not in accordance with applicable codes or the provisions of this Tariff or are otherwise hazards Company shall give Operator not less than 48 hours notice of such proposed replacement or change, or any such violation or hazard, unless an emergency requires a shorter period. In such event, Operator shall at its expense relocate, rearrange or modify its attachments at the time specified by Company. If Operator fails to do so, or if any such emergency makes notice impractical, Company shall perform such relocation or rearrangement and Operator shall reimburse Company for the reasonable cost thereof.

Any additional guying or anchors required by reason of the attachments of Operator shall be provided at the expense of Operator and shall meet the requirements of all applicable codes or regulations and Company's generally applicable guying standards.

(Cont'd on Sheet No. 16-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 16-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 16-3

**TARIFF C.A.T.V. (Cont'd.)**  
**(Cable Television Pole Attachment)**

**POLE INSPECTION.**

Company may make periodic inspections, as conditions may warrant, for the purpose of determining compliance with the provisions of this Tariff. Company reserves the right to inspect each new or proposed installation of Operator on Company's poles. In addition, Company's right to make any inspections and any inspection made pursuant to such right shall not relieve Operator of any responsibility, obligation or liability assumed under this Tariff.

**UNAUTHORIZED ATTACHMENTS.**

Operator shall make no attachment to or other use of any pole of Company or any facilities of Company thereon, except as authorized. The company reserves the right to make periodic inspections. Should such unauthorized attachment or use be made, Operator shall pay to the Company on demand two times the charges and fees, including but not limited to, any payable under the headings "RATES" and "POLE INSTALLATION OR REPLACEMENT; REARRANGEMENTS; GUYING" that would have been payable had such attachment been made on the date following the date of the last previous inspection required to be made by Company under applicable regulations of the Kentucky Public Service Commission.

**ABANDONMENT BY OPERATOR.**

Operator may at any time abandon the use of a pole hereunder by removing therefrom all of its attachments and by giving written notice thereof, on a form provided by the Company, and no pole shall be considered abandoned until such notice is received.

**INDEMNITY.**

Operator hereby agrees to indemnify, hold harmless, and defend Company from and against any and all loss, damage, cost or expense which Company may suffer or for which Company may be held liable because of interruption of Operator's service to its subscribers or because of interference with television reception of said subscribers or others, or by reason of bodily injury, including death, to any person, or damage to or destruction of any property, including loss of use thereof, arising out of or in any manner connected with the attachment, operation, and maintenance of the facilities of Operator on the poles of Company under this Tariff, when due to any act, omission or negligence of Operator, or to any such act, omission or negligence of Operator's respective representatives, employees, agents or contractors.

**INSURANCE.**

Operator agrees to obtain and maintain at all times policies of insurance as follows:

- (a) Comprehensive bodily injury liability insurance in an amount not less than \$1,000,000 for any one occurrence
- (b) Comprehensive property damage liability insurance in an amount not less than \$500,000 for any one occurrence.
- (c) Contractual liability insurance in an amount not less than the foregoing minimums to cover the liability assumed by the Operator under the agreement or indemnity set forth above.

Prior to making attachments at Company's poles, Operator shall furnish to Company two copies of a certificate, from an insurance carrier licensed to do business in Kentucky, stating that policies of insurance have been issued by it to Operator providing for the insurance listed above and that such policies are in force. Such certificate shall state that the insurance carrier will give Company thirty (30) days' prior written notice of any cancellation of or material change in such policies.

(Cont'd on Sheet 16-4)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF C.A.T.V. (Cont'd.)  
(Cable Television Pole Attachment)**

**EASEMENTS.**

Operator shall secure any right, license or permit from any governmental body, authority or other person or persons which may be required for the construction or maintenance of attachments of Operator. Company does not convey nor guarantee any easements, rights-of-way or franchises for the construction and maintenance of said attachments. Operator hereby agrees to indemnify and save harmless Company from any and all claims, including the expenses incurred by Company to defend itself against such claims, resulting from or arising out of the failure of Operator to secure such right, license, permit or easement for the construction or maintenance of said attachments on Company's poles.

**CHARGES AND FEES.**

Operator agrees to pay Company an annual charge per attachments set forth on Tariff Sheet No. 16-1 in advance, and such other charges as may be provided for herein, for the use of each of Company's poles, any portion of which is occupied by, or reserved at Operator's request for the attachments of Operator.

Operator agrees to reimburse Company for all reasonable non-recurring expenses caused by or attributable to Operator's initial attachments including without limitation the amounts set forth herein before and the expenses of Company in examining poles used but not owned by Company to which Operator proposes to make attachments.

**FEES FOR ADDITIONAL ATTACHMENTS OR REMOVALS.**

For attachments made or removed which are reported to the Company between billing dates, Operator shall be billed or credited a prorated amount of the annual charge effective with the date of attachment or removal on the Operator's next bill.

**ADVANCE BILLING**

Payment of amounts due hereunder is due on the dates or at the times indicated with respect to each such payment. In the event the time for any payment is not specified, such payment shall be due thirty (30) days from the date of the invoice therefore. In all amounts not so paid an addition charge of five percent (5%) will be assessed. Where the provisions of the Tariff require any payment by Operator to the Company other than for attachment charges, Company may, at its option, require that the estimated amount thereof be paid in advance of permission to use any pole or the performance by company of any work. In such a case, Company shall invoice any deficiency or refund any excess to Operator after the current amount of such payment has been determined.

**DEFAULT OR NON-COMPLIANCE.**

If Operator fails to comply with any of the provisions of this Tariff or defaults in the performance of any of its obligations under this Tariff and fails within thirty (30) days, after written notice from Company to correct such default or non-compliance, Company may, in addition to all other remedies under this tariff forthwith take any one or more of the following actions: terminate the specific permit or permits covering the poles to which such default or non-compliance is applicable; remove, relocate or rearrange attachments of Operator to which such default or non-compliance relates, all at Operator's expense; decline to permit additional attachments hereunder until such default is cured; or in the event of any failure to pay any of the charges, fees or amounts provided in this Tariff or any other substantial default, or of repeated defaults terminate Operator's right of attachment. *Operator shall remove all attachments where Company has terminated the right of attachment herein within 30 days of Company providing notice of termination. If Operator fails to remove such attachments within 30 days, then Company may remove such attachments at Operator's expense. Company shall have no obligation to store or recover any value for such removed attachments.*

No liability shall be incurred by Company because of any or all such actions except for negligent destruction by the Company of CATV equipment in any relocation or removal of such equipment. The remedies provided herein are cumulative and in addition to any other remedies available to Company.

(Cont'd on Sheet No. 16-5)

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By Authority Of an Order of the Public Service Commission  
In Case No. 2017-00179 Dated XXXXXX

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**TARIFF C. A. T. V. (Cont'd)**  
**(Cable Television Pole Attachment)**

**PRIOR AGREEMENTS.**

This Tariff terminates and supersedes any previous agreement, license or joint use affecting Company's poles and Operator's attachments covered herein.

**ASSIGNMENT.**

This Tariff shall be binding upon and inure to the benefits of the parties hereto, their respective successors and/or assigns, but Operator shall not assign, transfer or sublet any of the rights hereby granted without the prior written consent of the Company, which shall not be unreasonably withheld, and any such purported assignment, transfer or subletting without such consent shall be void.

**PERFORMANCE WAIVER.**

Neither party shall be considered in default in the performance of its obligations herein, or any of them, to the extent that performance is delayed or prevented due to causes beyond the control of said party, including but not limited to, Acts of God or the public enemy, war, revolution, civil commotion, blockade or embargo, acts of government, any law, order, proclamation, regulation, ordinance, demand, or requirement of any government, fires, explosions, cyclones, floods, unavoidable casualties, quarantine, restrictions, strikes, labor disputes, lock-outs, and other causes beyond the reasonable control of either of the parties.

**PRESERVATION OF REMEDIES.**

No delay or omission in the exercise of any power or remedy herein provided or otherwise available to the Company shall impair or affect its right thereafter to exercise the same.

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In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 17-Page 117 of 205  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 17-1

**TARIFF COGEN/SPP I**  
**(Cogeneration and/or Small Power Production—100 KW or Less)**

**AVAILABILITY OF SERVICE.**

This tariff is available to customers with cogeneration and/or small power production (COGEN/SPP) facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity of 100 KW or less. Such facilities shall be designed to operate properly in parallel with the Company's system without adversely affecting the operation of equipment and services of the Company and its customers, and without presenting safety hazards to the Company and customer personnel.

The customer has the following options under this tariff, which will affect the determination of energy and capacity and the monthly metering charges:

- Option 1 - The customer does not sell any energy or capacity to the Company, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 2 - The customer sells to the Company the energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities in excess of the customer's total load, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 3 - The customer sells to the Company the total energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities, while simultaneously purchasing from the Company its total load requirements, as determined by appropriate meters located at one delivery point.

**MONTHLY CHARGES FOR DELIVERY FROM THE COMPANY TO THE CUSTOMER.**

Such charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the tariff appropriate for the customer, except that Option 1 and Option 2 customers with cogeneration and/or small power production facilities having a total design capacity of more than 10 KW shall be served under demand-metered tariffs, and except that the monthly billing demand under such tariffs shall be the highest determined for the current and previous two billing periods. The above three-month billing demand provision shall not apply under Option 3.

**ADDITIONAL CHARGES.**

There shall be additional charges to cover the cost of special metering, safety equipment and other local facilities installed by the Company due to COGEN/SPP facilities, as follows:

**Monthly Metering Charge**

The additional monthly charge for special metering facilities shall be as follows:

- Option 1 - Not Applicable.

(Cont'd on Sheet No. 17-2)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF COGEN/SPP I (Cont'd.)**  
**(Cogeneration and/or Small Power Production--100 KW or Less)**

**ADDITIONAL CHARGES. (Cont'd.)**

**Monthly Metering Charge (Cont'd.)**

Options 2 & 3 - Where meters are used to measure the excess or total energy and average on-peak capacity purchased by the Company:

	<u>Single Phase</u>	<u>Polyphase</u>
Standard Measurement	\$ 8.15 \$9.25	\$ 10.65 \$12.10
T.O.D. Measurement	\$ 8.70 \$9.85	\$ 10.95 \$12.40

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Under Option 3, when metering voltage for COGEN/SPP facilities is the same as the Company's delivery voltage, the customer shall, at his option, either route the COGEN/SPP totalized output leads through the metering point, or make available at the metering point for the use of the Company and, as specified by the Company, metering current leads which will enable the Company to measure adequately the total electrical energy and average capacity produced by the qualifying COGEN/SPP facilities, as well as to measure the electrical energy consumption and capacity requirements of the customer's total load. When metering voltage for COGEN/SPP facilities is different from the Company's delivery voltage, metering requirements and charges shall be determined specifically for each use.

**Local Facilities Charge**

Additional charges to cover "interconnection costs" incurred by the Company shall be determined by the Company for each case and collected from the customer. For Options 2 and 3, the cost of metering facilities shall be covered by the Monthly Metering Charge and shall not be included in the Local Facilities Charge. The customer shall make a one-time payment for the Local Facilities Charge at the time of installation of the required additional facilities, or, at his option, up to 12 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company may require a reasonable security deposit.

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES.**

**Energy Credit**

The following credits or payments from the Company to the customer shall apply for the electrical energy delivered to the Company:

Standard Meter - All KWH.....	3.79¢ 3.24¢ KWH
T.O.D. Meter	
On-Peak KWH .....	4.64¢ 3.86¢ KWH
Off-Peak KWH .....	3.18¢ 2.79¢ KWH

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**Capacity Credit**

If the customer contracts to deliver or produce a specified excess or total average capacity during the monthly billing period (monthly contract capacity), or a specified excess or total average capacity during the on-peak monthly billing period (on-peak contract capacity), then the following capacity credits or payment from the Company to the customer shall apply:

(Cont'd on Sheet No. 17-3)

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

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CANCELLING P.S.C. KY. NO. 11 SHEET NO. 17-3

**TARIFF COGEN/SPP I (Cont'd.)**  
**(Cogeneration and/or Small Power Production--100 KW or Less)**

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES. (Cont'd.)**

**Capacity Credit (Cont'd.)**

If standard energy meters are used,

- A. ~~\$3.54~~ \$ 3.11 KW/month, times the lowest of:
- (1) monthly contract capacity, or
  - (2) current month metered average capacity, i.e., KWH delivered to the Company or produced by COGEN/SPP facilities divided by 730, or
  - (3) lowest average capacity metered during the previous two months if less than monthly contract capacity.

If T.O.D. energy meters are used,

- B. ~~\$8.49~~ \$ 7.47 KW/month, times the lowest of:
- (1) on-peak contract capacity, or
  - (2) current month on-peak metered average capacity, i.e., on-peak KWH delivered to the Company or produced by COGEN/SPP facilities divided by 305 or
  - (3) lowest on-peak average capacity metered during the previous two months, if less than on-peak contract capacity.

The above energy and capacity credit rates are subject to revisions from time to time as approved by the Commission.

**ON-PEAK AND OFF-PEAK PERIODS.**

The on-peak period shall be defined as starting at 7:00A.M. and ending at 9:00 P.M., local time, Monday through Friday.

The off-peak period shall be defined as starting at 9:00 P.M. and ending at 7:00A.M. local time, Monday through Friday, and all hours of Saturday and Sunday.

**CHARGES FOR CANCELLATION OR NON PERFORMANCE CONTRACT.**

If the customer should, for a period in excess of six months, discontinue or substantially reduce for any reason the operation of cogeneration and/or small power production facilities which were the basis for the monthly contract capacity or the on-peak contract capacity, the customer shall be liable to the Company for an amount equal to the total difference between the actual payments for capacity paid to the customer and the payments for capacity that would have been paid to the customer pursuant to this Tariff COGEN/SPP I or any successor tariff. The Company shall be entitled to interest on such amount at the rate of the Company's most recent issue of long-term debt at the effective date of the contract.

**TERM OF CONTRACT.**

Contracts under this tariff shall be made for a period not less than one year.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 18-Page 120 of 205  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 18-1

**TARIFF COGEN/SPP II**  
**(Cogeneration and/or Small Power Production--Over 100 KW)**

**AVAILABILITY OF SERVICE.**

This tariff is available to customers with cogeneration and/or small power production (COGEN/SPP) facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity of over 100 KW but less than 20,000 KW. Such facilities shall be designed to operate properly in parallel with the Company's system without adversely affecting the operation of equipment and services of the Company and its customers, and without presenting safety hazards to the Company and customer personnel.

The customer has the following options under this tariff, which will affect the determination of energy and capacity and the monthly metering charges:

- Option 1 - The customer does not sell any energy or capacity to the Company, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 2 - The customer sells to the Company the energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities in excess of the customer's total load, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 3 - The customer sells to the Company the total energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities, while simultaneously purchasing from the Company its total load requirements, as determined by appropriate meters located at one delivery point.

**MONTHLY CHARGES FOR DELIVERY FROM THE COMPANY TO THE CUSTOMER.**

Such charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the tariff appropriate for the customer, except that Option 1 and Option 2 customers shall be served under demand-metered tariffs, and except that the monthly billing demand under such tariffs shall be the highest determined for the current and previous two billing periods. The above three-month billing demand provision shall not apply under Option 3.

**ADDITIONAL CHARGES.**

There shall be additional charges to cover the cost of special metering, safety equipment and other local facilities installed by the Company due to COGEN/SPP facilities, as follows:

Monthly Metering Charge

The additional monthly charge for special metering facilities shall be as follows:

- Option 1 - Not Applicable.

(Cont'd on Sheet No. 18-2)

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**TARIFF COGEN/SPP II (Cont'd.)**  
**(Cogeneration and/or Small Power Production--Over 100 KW)**

**ADDITIONAL CHARGES. (Cont'd.)**

**Monthly Metering Charge (Cont'd)**

Options 2 & 3-	Where meters are used to measure the excess or total energy and average on peak capacity purchased by the Company:		
		<u>Single Phase</u>	<u>Polyphase</u>
	Standard Measurement	\$ 8.15 \$9.25	\$ 40.65 \$12.10
	T.O.D. Measurement	\$ 8.70 \$9.85	\$ 40.95 \$12.40

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Under Option 3, when metering voltage for COGEN/SPP facilities is the same as the Company's delivery voltage, the customer shall, at his option, either route the COGEN/SPP totalized output leads through the metering point, or make available at the metering point for the use of the Company and, as specified by the Company, metering current leads which will enable the Company to measure adequately the total electrical energy and average capacity produced by the qualifying COGEN/SPP facilities, as well as to measure the electrical energy consumption and capacity requirements of the customer's total load. When metering voltage for COGEN/SPP facilities is different from the Company's delivery voltage, metering requirements and charges shall be determined specifically for each case.

**Local Facilities Charge**

Additional charges to cover "interconnection costs" incurred by the Company shall be determined by the Company for each case and collected from the customer. For Options 2 and 3, the cost of metering facilities shall be covered by the Monthly Metering Charge and shall not be included in the Local Facilities Charge. The customer shall make a one-time payment for the Local Facilities Charge at the time of installation of the required additional facilities, or, at his option, up to 12 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company may require a reasonable security deposit.

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES.**

**Energy Credit**

The following credits or payments from the Company to the customer shall apply for the electrical energy delivered to the Company:

Standard Meter - All KWH.....	3.79¢ 3.24¢ KWH
T.O.D. Meter	
On-Peak KWH .....	4.64¢ 3.86¢ KWH
Off-Peak KWH .....	3.18¢ 2.79¢ KWH

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(Cont'd on Sheet No. 18-3)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 18-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 18-3

**TARIFF COGEN/SPP II (Cont'd.)**  
**(Cogeneration and/or Small Power Production--Over 100 KW)**

**MONTHLY CREDITS OR PAYMENTS FOR ENERGY AND CAPACITY DELIVERIES. (Cont'd.)**

**Capacity Credit**

If the customer contracts to deliver or produce a specified excess or total average capacity during the monthly billing period (monthly contract capacity), or a specified excess or total average capacity during the on-peak monthly billing period (on-peak contract capacity), then the following capacity credits or payment from the Company to the customer shall apply:

If standard energy meters are used,

A. ~~\$3.54~~ ~~\$3.11~~/KW/ month, times the lowest of:

- (1) monthly contract capacity, or
- (2) current month metered average capacity, i.e., KWH delivered to the Company or produced by COGEN/SPP facilities divided by 730, or
- (3) lowest average capacity metered during the previous two months if less than monthly contract capacity.

If T.O.D. energy meters are used,

B. ~~\$8.49~~ ~~\$7.47~~/KW/month, times the lowest of:

- (1) on-peak contract capacity, or
- (2) current month on-peak metered average capacity, i.e., on-peak KWH delivered to the Company or produced by COGEN/SPP facilities divided by 305, or
- (3) lowest on-peak average capacity metered during the previous two months, if less than on-peak contract capacity.

The above energy and capacity credit rates are subject to revisions from time to time as approved by the Commission.

**ON-PEAK AND OFF-PEAK PERIODS.**

The on-peak period shall be defined as starting at 7:00 A.M. and ending at 9:00 P.M., local time, Monday through Friday.

The off-peak period shall be defined as starting at 9:00 P.M. and ending at 7:00 A.M., local time, Monday through Friday, and all hours of Saturday and Sunday.

**CHARGES FOR CANCELLATION OR NON PERFORMANCE CONTRACT.**

If the customer should, for a period in excess of six months, discontinue or substantially reduce for any reason the operation of cogeneration and/or small power production facilities which were the basis for the monthly contract capacity or the on-peak contract capacity, the customer shall be liable to the Company for an amount equal to the total difference between the actual payments for capacity paid to the customer and the payments for capacity that would have been paid to the customer pursuant to this Tariff COGEN/SPP II or any successor tariff. The Company shall be entitled to interest on such amount at the rate of the Company's most recent issue of long-term debt at the effective date of the contract.

**TERM OF CONTRACT.**

Contracts under this tariff shall be made for a period not less than one year.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 19-1  
CANCELING P.S.C. KY. NO. 11 SHEET NO. 19-1

TARIFF S. S. C.  
(System Sales Clause)

APPLICABLE.

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, G.S., S.G.S., S.G.S.-T.O.D., M.G.S., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., Pilot-K-12 School, I.G.S., C.S.- I.R.P., M.W., O.L. and S.L.

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RATE.

1. When the *monthly annual* net revenues from system sales are above or below the *monthly annual* base net revenues from system sales, as provided in paragraph 2 below, an additional credit or charge equal to the product of the KWHs and a system sales adjustment factor (A) shall be made, where "A", calculated to the nearest 0.0001 mill per kilowatt-hour, is defined as set forth below.

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$$\text{Annual System Sales Adjustment Factor (A)} = (.75 [(T_{am} - T_b + U/a)] / S_{am})$$

T

In the above formula "T" is Kentucky Power Company's (KPCo) *monthly annual* net revenues from system sales in the current *annual* (m a), base (b) periods, and "S" is the KWH sales in the current *annual* (m a) period, all defined below. "U/a" represents any under-or-over recovery from the prior period.

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2. The net revenue from KPCo's sales to non-associated companies as reported in the FERC Energy Regulatory Commission's Uniform System of Accounts under Account 447, Sales for Resale, shall consist of and be derived as follows:

- a. KPCo's total revenues from system sales as recorded in Account 447, less b. and c. below.
- b. KPCo's total out-of-pocket costs incurred in supplying the power and energy for the sales in a. above.

The out-of-pocket costs include all operating, maintenance, tax, transmission losses and other expenses that would not have been incurred if the power and energy had not been supplied for such sales, including demand and energy charges for power and energy supplied by Third Parties.

- c. KPCo's environmental costs allocated to non-associated utilities in the Company's Environmental Surcharge Report.

(Cont'd on Sheet No. 19-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

TARIFF S. S. C. (Cont'd.)  
 (System Sales Clause)

3. The base ~~monthly~~ *annual* net revenues from system sales are as follows: \$7,163,948.

Billing Month	System Sales (Total Company Basis)
January	\$ 1,651,587
February	1,413,908
March	1,372,664
April	1,219,883
May	1,238,911
June	1,171,190
July	1,399,696
August	1,091,614
September	1,099,550
October	1,151,741
November	1,188,760
December	1,136,496
	<u>\$15,136,000</u>

4. Sales (S) shall be equated to the sum of (a) generation (including energy produced by generating plant during the construction period), (b) purchase, and (c) interchange-in, less (d) energy associated with pumped storage operations, less (e) inter-system sales and less (f) total system losses.
5. The system sales adjustment factor shall be based upon *actual annual* ~~estimated monthly~~ revenues and costs for system sales, subject to subsequent adjustment upon final determination of actual revenues and costs.
6. The ~~monthly~~ *annual* System Sales Clause shall be filed with the Commission *no later than August 15<sup>th</sup> of each year before it is scheduled to go into effect on Cycle 1 of the October billing cycle. The Company shall update the Annual System Sales Adjustment Factor for the period ending June 30, ten (10) days before it is scheduled to go into effect,* along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
7. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

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KENTUCKY POWER COMPANY

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CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 20- 1

**TARIFF F.T.**  
**(Franchise Tariff)**

**AVAILABILITY OF SERVICE.**

Where a city or town within Kentucky Power's service territory requires the Company to pay a percentage of revenues from certain customer classifications collected within such city or town of the right to erect the Company's poles, conductors, or other apparatus along, over, under, or across such city's or town's streets, alleys, or public grounds, the Company shall increase the rates and charges to such customer classifications within such city or town by a like percentage. The aforesaid charge shall be separately stated and identified on each affected customer's bill.

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P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 21- 1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 21- 1

**TARIFF T. S.**  
**(Temporary Service)**

**AVAILABILITY OF SERVICE.**

Where capacity is available, Company will install service for temporary lighting and power service *to customers who have demonstrated to the Company's satisfaction that the requested temporary service will be temporary in nature.* Residential customers will be supplied with 100 amp single phase service. All other customer classes will be supplied at voltage levels applicable to the class of business.

**RATE.** (Tariff Code 019)

Temporary service will be supplied under any published tariff applicable to the class of business of the Customer, when the Company has available unsold capacity of lines, transforming and generating equipment, with an additional charge of the total cost of installation, connection, and disconnection and removal of service

**MINIMUM CHARGES.**

The same minimum charge as provided for in any applicable tariff shall be applicable to such temporary service and for not less than one full monthly minimum.

*Customer's requesting temporary service will be charged a minimum temporary service installation charge, payable in advance, based on the Company's actual cost of installation, connection, disconnection, and removal of the required facilities to provide temporary service.*

**TERMS OF SERVICE.**

~~Variable. Initial period of 180 days.~~ *Temporary Service will be in effect for a period of 180 days from the date of installation. The Company may extend grant for an additional 90-day period, extensions based on customer's demonstration of continued need for temporary service.*

*The Company may discontinue temporary service at the end of the 180 days, or at the end of any extended period of time after the initial 180 days.*

**SPECIAL TERMS AND CONDITIONS.**

A deposit equal to the full estimated amount of the bill and/or construction costs under this tariff may be required.

This tariff is not available to customers permanently located, whose energy requirements are of a seasonal nature.

See Terms and Conditions of Service.

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**TARIFF D.S.M.C.**  
**(Demand-Side Management Adjustment Clause)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D. 2, S.G.S.; G.S., S.G.S.-T.O.D., M.G.S.; M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., Pilot K-12 School; I.G.S., C.S.-I.R.P., and M.W.,

**RATE.**

1. The Demand-Side Management (DSM) clause shall provide for periodic adjustment per KWH of sales equal to the DSM costs per KWH by customer sector according to the following formula:

$$\text{Adjustment Factor} = \frac{\text{DSM (c)}}{\text{S(c)}}$$

Where DSM is the cost by customer sector of demand-side management programs, net lost revenues, incentives, and any over/under recovery balances; (c) is customer sector; and S is the adjusted KWH sales by customer sector.

2. Demand-Side Management (DSM) costs shall be the most recent forecasted cost plus any over/under recovery balances recorded at the end of the previous period.
  - a. Program costs are any costs the Company incurred associated with demand-side management which were approved by the Kentucky Power Company DSM Collaborative. Examples of costs to be included are contract services, allowances, promotion, expenses, evaluation, lease expense, etc. by customer sector.
  - b. Net lost revenues are the calculated net lost revenues by customer sector resulting from the implementation of the DSM programs.
  - c. Incentives are a shared-savings incentive plan consisting of one of the following elements: The efficiency incentive, which is defined as 15 percent of the estimated net savings associated with the programs. Estimated net savings are calculated based on the California Standard Practice Manual's definition of the Total Resources Cost (TRC) test, or the maximizing incentive which is defined as 5 percent of actual program expenditures if program savings cannot be measured.
  - d. Over/ Under recovery balances are the total of the differences between the following:
    - (i) the actual program costs incurred versus the program costs recovered through DSM adjustment clause, and
    - (ii) the calculated net lost revenues realized versus the net lost revenues recovered through the DSM adjustment clause, and
    - (iii) the calculated incentive to be recovered versus the incentive recovered through the DSM adjustment clause.
3. Sales (S) shall be the total ultimate KWH sales by customer sector less non-metered, opt-out and lost revenue impact KWHs by customer sector.
4. The provisions of the Demand-Side Management Adjustment Clause will be effective for the period ending December 31, 2018.

(Cont'd on Sheet No. 22-2)

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KENTUCKY POWER COMPANY

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**TARIFF D.S.M.C.  
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**RATE. (Cont'd.)**

5. The DSM adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
6. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
7. The resulting range for each customer sector per KWH during the three-year Experimental Demand-Side Management Plan is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u> (\$ Per KWH)	<u>COMMERCIAL</u> (\$ Per KWH)	<u>INDUSTRIAL*</u>
Floor Factor =	0.006274	0.002871	- 0 -
Ceiling Factor =	0.009752	0.005540	- 0 -

8. The DSM Adjustment Clause factor (\$ Per KWH) for each customer sector which fall within the range defined in Item 7 above is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL*</u>
DSM (c)	8,725,687	2,673,330	- 0 -
S (c)	1,088,941,320	635,650,224	- 0 -
Adjustment Factor	\$ 0.008013	\$ 0.004206	- 0 -

\* The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.

**PROGRAM DESCRIPTIONS.**

The D.S.M.C. program availability, program, rate, and equipment descriptions follow:

(Cont'd on Sheet No. 22-3)

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KENTUCKY POWER COMPANY

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: TEE – Targeted Energy Efficiency**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers receiving retail electric service from the Company, who have primary electric heat and use an average of 700 kWh per month. Residential customers without primary electric heating may also be eligible for limited efficiency measures if they have electric water heating and use an average of 700 kWh per month from November through March. To qualify, the household's income cannot exceed the designated poverty guidelines as administered by the local community action agency.

**PROGRAM DESCRIPTION**

The Kentucky Power Targeted Energy Efficiency Program (TEE) provides weatherization and energy efficiency services to qualifying residential customers who need help reducing their energy bills. The Company provides funding for this program through the Kentucky Community Action network of not-for-profit community action agencies. The program funding and service is supplemental to the Weatherization Assistance Programs offered by the local community action agency. This program provides energy saving improvements to an existing home. Program services include residential energy audits, the installation of home weatherization/energy conservation items and customer education on home energy efficiency. The home weatherization/energy conservation measures may include, but not limited to:

- High efficiency lighting
- Domestic hot water pipe insulation
- Water heater insulation wrap (electric DHW only)
- Low flow showerhead
- Low flow faucet aerator
- Air and duct sealing (electric heat only)
- Insulation (electric heat only)
- Efficient windows and doors
- Air source heat pump

**RATE**

No rate applies for this program.

**EQUIPMENT**

The Kentucky Community Action network of not-for-profit community action agencies will furnish and install, in the customer's presence, the equipment as provided by this program.

( Cont'd on Sheet No. 22-4)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: MHP – New Manufactured Homes**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers who purchase a new mobile home.

**PROGRAM DESCRIPTION**

The Kentucky Power Manufactured Homes program (MHP) provides incentives to customers that purchase an energy efficient manufactured home on a 2 tiered format.

1. *Energy Efficient Manufactured Home.* To qualify the new home must have Zone 3 insulation levels and a high efficiency air-source heat pump with a SEER (Seasonal Energy Efficiency Rating) rating  $\geq 15$  and an HSPF (Heating Seasonal Performance Factor) rating  $\geq 8.5$ .
2. *ENERGY STAR Manufactured Homes.* Residential customers purchase an ENERGY STAR certified home. ENERGY STAR<sup>®</sup> manufactured homes must be built in compliance with the Manufactured Home Construction and Safety Standards and meet the guidelines for ENERGY STAR<sup>®</sup> certified plant.

**RATE**

An incentive of \$450 is offered to residential customers qualifying for an upgraded manufactured home through the *Energy Efficient Manufactured Home* guideline (Tier 1). The incentive for the *ENERGY STAR Manufactured Homes* is \$1,200. Kentucky Power may modify the incentives for special events and based on market conditions or customer participation.

**EQUIPMENT**

No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase the new mobile home from a manufactured housing dealer participating in the program and who can administer an upgrade for required equipment.

(Cont'd on Sheet No. 22-5)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: EEFS – Energy Education for Students**

**AVAILABILITY OF SERVICE**

All schools within Kentucky Power's service territory are eligible to participate. The program targets middle school students.

**PROGRAM DESCRIPTION**

The Kentucky Power Student Energy Education Program (EEFS) targets middle school students at participating schools within the Kentucky Power Company service territory. The program introduces them to various aspects of responsible energy use and conservation. With this program, students use math and science skills to learn how energy is produced and used, and methods to conserve energy that can easily be applied in their own homes.

The Company partners with an education services provider to implement this program. The program, provided at no cost to participating school systems, includes:

- Professional development for teachers where they will receive classroom curriculum and educational materials on energy, electricity, economics and the environment
- Each Student can receive an energy efficiency kit to help students apply their classroom learning at home
- An opportunity for participating students and their families to make the ENERGY STAR® Pledge

**RATE**

No rate applies for this program.

**EQUIPMENT**

The energy efficiency kit is furnished by the Company and provided to the schools for delivery to students. The energy efficiency items provided to students will not be installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-6)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Community Outreach**

**AVAILABILITY OF SERVICE**

All residential retail customers of Kentucky Power are eligible for the program.

**PROGRAM DESCRIPTION**

Through the Community Outreach Program, Kentucky Power distributes energy conservation measures to customers at company-sponsored community events. The program aims to educate and encourage customers to save money by using energy efficient lighting. The company sponsors community distribution events throughout the year where energy conservation measures are distributed to each qualifying residential customer. Customer energy education is also provided at these events.

**RATE**

No rate applies for this program.

**EQUIPMENT**

The energy conservation measures furnished by the Company are delivered to the community events and provided to customers having an active electric account. The energy conservation measures will not be installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-7)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: REP - Residential Efficient Products**

**AVAILABILITY OF SERVICE**

All Kentucky Power residential customers are eligible to participate.

**PROGRAM DESCRIPTION**

The Kentucky Power Residential Efficient Products Program (REP) offers residential customers rebates on select ENERGY STAR products at participating retail stores across our service territory. The program targets the purchase of products through in-store promotion as well as special sales events. Customer incentives facilitate the increased purchase of high efficiency products while in-store signage, sales associate training and support makes provider participation easier.

A convenient online store where customers can shop for energy efficient lighting products and get immediate discounts is also available.

**RATE**

The program provides incentives for the purchase and installation of efficient lighting and appliances.

- *Lighting Incentives.* Kentucky Power continues to utilize an upstream strategy to provide incentives at participating retailers. Customers receive an instant incentive on qualifying light bulbs at the point-of-purchase. Incentives may vary depending upon the type of light bulb, manufacturer and associated retail cost. Customers may purchase up to 12 bulbs at a time.
- *Appliance Incentives.* Customers submit a mail-in application to receive an incentive for the purchase of an ENERGY STAR® clothes washer, air purifier or dehumidifier, other appliances that may be cost effective may be added.

**EQUIPMENT**

No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment.

(Cont'd on Sheet 22-8)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: New Construction**

**AVAILABILITY OF SERVICE**

All commercial (non-industrial) customers in Kentucky Power's service territory are eligible to participate.

**PROGRAM DESCRIPTION**

The program is designed to encourage applicants in new construction and major renovation projects to incorporate greater energy efficiency into their building design and construction practices. Eligible customers may participate through one of two approaches:

- *Whole Building Approach.* This approach is ideal for projects pursuing integrated building designs and demonstrating high performance goals through energy simulation modeling. Early design intervention and a holistic building design approach can enhance energy savings and optimize building performance. Incentives are only available for projects that are at least 10 percent more energy efficient than a baseline building designed to ASHRAE 90.1-2007 Standards, Appendix G. Applicants must provide an energy simulation model utilizing software programs that estimate annual energy savings.
- *Systems Approach.* This approach encourages designers to optimize individual systems to increase building energy efficiency. This approach offers a flexible solution for less complex projects. Throughout the design phase, simple spreadsheet tools quickly estimate typical energy savings and calculate corresponding incentives. Standardized incentives include, but are not limited to, lighting and HVAC measures.

**RATE**

Incentives are limited to 50 percent of the incremental equipment costs, up to \$20,000 per year per customer account number. Kentucky Power may revise the payback range and/or the maximum incentive per customer account based upon program implementation contractor recommendations and/or overall customer response to the program.

**EQUIPMENT**

The Company, or its authorized agents, will administer the evaluation of customer installed energy measures. The Company, or its authorized agents, may provide support for the installation services through approved program contractors.

**AGREEMENT**

A customer program application agreement is required to participate in this program. The program application and information regarding efficiency design/equipment measures and incentives may be available at [www.kentuckypower.com](http://www.kentuckypower.com).

( Cont'd on Sheet No. 22-9)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Express Install**

**AVAILABILITY OF SERVICE**

All small commercial (non-industrial) customers in Kentucky Power's service territory having peak bill demand less than 100 kW are eligible to participate.

**PROGRAM DESCRIPTION**

The program offers small commercial customers an energy assessment that includes information on potential energy savings and anticipated payback as well as incentives that cover up to 70% percent of the equipment and installation costs. Eligible measures include, but are not limited to, lighting and refrigeration measures. The program incorporates the following components:

- *Walk-Through Audits.* Trained auditors complete a walk-through examination of the business using standard audit software, identifying specific energy saving opportunities at no addition cost to the customer. The auditor reviews the anticipated costs and savings of the measures, along with information on financial resources available to help defray costs. Customers are provided with a report and check list of recommendations from the audit.
- *Direct Installation of Measures.* Upon customer approval of a job scope, the implementation contractor installs pertinent measures identified during the audit on the same day as the audit, if possible.
- *Customer Education.* Customers are educated on energy efficient equipment and KPCO's full suite of DSM programs. Particular attention is paid to the areas identified in the audit.

A complete list of the eligible equipment and incentive amounts can be found in the Program Application located at [KentuckyPower.com/save/programs](http://KentuckyPower.com/save/programs).

**RATE**

Incentives cover up to 70% percent of the equipment and installation costs. Incentives for program may be modified to reflect market conditions.

**EQUIPMENT**

The Company, or its authorized agents, will administer the evaluation of customer installed energy measures. The Company, or its authorized agents, may provide support for the installation services through approved program contractors.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

( Cont'd on Sheet No. 22-10)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: School Energy Manager**

**AVAILABILITY OF SERVICE**

All school districts located within Kentucky Power's service territory are eligible to participate.

**PROGRAM DESCRIPTION**

The program is a partnership between Kentucky Power and the Kentucky School Boards Association (KSBA) to support the School Energy Managers Project to maintain a major presence within schools in eastern Kentucky. The project employs school energy manager(s) to work with eligible school districts to identify behavioral changes and better utilize automation equipment to improve energy efficiency.

**RATE**

Funds for this program are utilized for energy manager labor and/or installed energy conservation measures.

**EQUIPMENT**

No equipment is required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment by a properly licensed installer.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

( Cont'd on Sheet No. 22-11)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**RESERVED FUTURE USE**

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Retro-Commissioning**

**AVAILABILITY OF SERVICE**

All commercial customers in Kentucky Power's service territory are eligible to participate. Customers must have a functioning building automation system.

**PROGRAM DESCRIPTION**

The program provides a study to optimize customer's building automation systems. Eligible customers receive one of the following fully funded studies depending upon their building size and based on their agreement to spend the minimum agreed toward qualified improvements:

- RCx Lite: Buildings with 50,000 and 150,000 square feet and 150 < 500 kW peak demand. A program affiliated dealer completes a targeted assessment and recommend improvements. Customers agree to spend a minimum of \$5,000 towards improvements with ≤18 month payback identified through the study.
- RCx Standard: Facilities larger than 150,000 square feet and with ≥ 500 kW peak demand receives a comprehensive study and verification report with pre- and post-results. Customers agree to spend a minimum of \$15,000 towards improvements with ≤18 month payback identified through the study.

To qualify for the program, customers meet the minimum building sizes outlined above.

**RATE**

Incentives will be paid based on qualified measures identified from the study and having been verified as installed or implemented at customer's facility. Incentives are initially set at \$0.12 per first year kWh saved for RCx Lite participants and \$0.08 per first year kWh saved for RCx Standard participants may vary based on market conditions. Rebates per year are limited to \$50,000 per customer account. Kentucky Power may modify the incentive based upon market conditions.

**EQUIPMENT**

No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment by a qualified installer.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

(Cont'd on Sheet No. 22-13)

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**TARIFF D.S.M.C.**  
**(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**  
**PROGRAM: CIP – Commercial Incentive Prescriptive Custom Program**

**AVAILABILITY OF SERVICE**

All commercial (non-industrial) customers in Kentucky Power's service territory are eligible to participate.

**PROGRAM DESCRIPTION**

The Kentucky Power Commercial Incentive Program (CIP) offers customers a convenient way to receive funding for common energy efficiency projects. The Commercial Incentive Prescriptive Custom Program provides financial incentives to business customers who implement qualified energy-efficient improvements and technologies.

Incentives are available for a variety of energy-saving technologies in existing buildings. Customers may choose from a menu of prescriptive measures with standardized incentives. Custom measures are also offered and are evaluated on a case by case basis. The program is designed to help commercial customers save energy through a broad range of energy efficiency options that address all major end uses and processes

- *Prescriptive Rebates.* Participants select energy efficient equipment from a pre-qualified list. Rebates are issued to the customer upon completion of the project and submission of the rebate application. Proven qualifying technologies for which incentives are provided include lighting, HVAC equipment and motors, and are readily available with known performance characteristics.
- *Custom Rebates.* Equipment that does not qualify for a prescriptive rebate may be eligible for a custom rebate. Applications must be pre-approved by the implementation contractor before the equipment is purchased and installed and projects must have a Total Resource Cost Test benefit-cost ratio of at least 1.0.

A complete list of the eligible equipment and incentive amounts can be found in the Program Application located at [KentuckyPower.com/save/programs](http://KentuckyPower.com/save/programs).

**RATE**

For commercial customers that qualify the maximum rebate payout is \$20,000 annually per customer account. KPCCo may revise the payback range and/or the maximum incentive per customer account based upon program implementation contractor recommendations and/or overall customer response to the program. The custom rebate is set up to a maximum of \$0.10 per kWh saved in the first year, but may vary based on market conditions.

**EQUIPMENT**

The Company, or its authorized agents, will administer the evaluation of customer installed energy measures. The Company, or its authorized agents, may provide support for the installation services through approved program contractors.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

(Cont'd on Sheet 22-14)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-14  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 22-14

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM:** Residential Home Performance

**AVAILABILITY OF SERVICE**

Kentucky Power single family residential homes are selected to participate. Selected customers may voluntarily opt out of the program.

**PROGRAM DESCRIPTION**

The Kentucky Power Residential Home Performance offers selected residential customers a "Home Energy Report" (HER) that is received separately from their normal utility bills. The reports are delivered to participating customer homes by mail and email. The HER is designed to assist residential participants reduce their electricity usage by encouraging them to alter their electricity consumption habits and providing detailed information on residential energy consumption. Customers are selected for participation based on level of energy consumption. Higher energy users will be selected earlier in the process for program participation. A control group will be maintained by the program implementation contractor to evaluate the estimated energy savings from the participant group.

Access to participant information, home energy calculator, and more relevant tips will be available to participating customers through an Internet web portal.

**RATE**

No rate applies for this program.

**EQUIPMENT**

It is the customer's responsibility to purchase and install the required equipment. No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-15)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-15  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 22-15

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Appliance Recycling**

**AVAILABILITY OF SERVICE**

Kentucky Power residential customers and small (non-industrial) commercial customers having peak bill demand less than 100 kW who have a second operational refrigerator or freezer between 10-30 cubic feet, are eligible to participate.

**PROGRAM DESCRIPTION**

The Appliance Recycling Program is designed to produce long-term electric energy savings by permanently removing operable secondary refrigerators and freezers between 10-30 cubic feet, from the power grid and recycling them in an environmentally safe manner.

The program targets customers that possess more than one refrigerator and/or freezer and offers an incentive for removing these units from service. This program provides the benefit of lowering energy bills by reducing energy consumption, keeping the appliances out of the used market, and uses environmentally-sound technologies and procedures to recycle the old appliances.

**RATE**

The incentive range will be established by the Company. The current range is \$50 to \$70 depending on customer participation. KPCO may offer special promotions to increase program participation.

**EQUIPMENT**

No equipment will be furnished or installed by the Company, or its authorized agents.

*(Cont'd on Sheet No. 22-16)*

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-16  
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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: WHE – Whole House Efficiency**

**AVAILABILITY OF SERVICE**

Available to residential customers that receive electric service from Kentucky Power Company and have an electric central cooling system (i.e. central air conditioner or heat pump). Customers living in Single Family, Multi-Family, and mobile homes are eligible. Multi-family customers include any residential unit that is not considered single family (i.e. apartment, condominium, townhome, etc.).

**PROGRAM DESCRIPTION**

The Whole House Efficiency Program consists of 3 options:

*Home Energy Audit.* The customer receives at no additional cost an in-home energy audit and direct installation of energy conservation measures. A professional energy auditor performs a home energy audit, identifying key areas of the home that are wasting energy and provide recommendations to make the home more energy efficient. Participants are eligible to receive installation of select energy conservation measures. Eligible measures may include but, not limited to:

- High efficiency lighting
- Domestic hot water pipe insulation (only customers with electric DHW)
- Water heater insulation wrap (only customers with electric DHW)
- Low flow showerhead (only customers with electric DHW)
- Low flow faucet aerator (only customers with electric DHW)
- Weatherstripping / caulking of doors and windows / door sweep
- Duct sealing

*Weatherization Measures.* Customers with electric heating are eligible to receive incentives for the purchase and installation of air sealing, duct sealing and insulation (attic, wall, basement sidewall and crawlspace). Customers may self-install insulation measures, except for attic insulation. Air and duct sealing must be performed by a participating dealer and a blower door test conducted to verify energy and demand savings.

*HVAC Equipment.* Customers are eligible to receive incentives for qualifying HVAC equipment installed by a participating dealer. Qualifying measures include heat pump ductless mini splits, heat pumps and smart programmable thermostats.

(Cont'd on Sheet No. 22-17)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-17  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 22-17

**TARIFF D.S.M.C.  
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: WHE – Whole House Efficiency**

**RATE**

Rebates will vary depending on the measures installed and the efficiency rating of measures installed (i.e. weatherization versus heat pumps). The measures may be modified by the implementation contractor and Kentucky Power to reflect market conditions. The Home Energy Audit is provided at no cost to customers.

(Cont'd on Sheet No. 22- )

*Weatherization Measures and Incentives*

	Minimum	Maximum
Duct Sealing 10%	\$150	\$250
Air Sealing 20% ACH Reduction	\$200	\$300
Air Sealing 20% ACH Reduction & Attic Insulation R-38 <sup>[1]</sup>	\$400	\$500
Wall Insulation R-13 <sup>[2]</sup>	\$0.30 per sq. ft., up to \$250	\$0.35 per sq. ft., up to \$300
Basement Sidewall Insulation R-13	\$0.30 per sq. ft., up to \$200	\$0.35 per sq. ft., up to \$250
Crawlspace Insulation R-19	\$0.30 per sq. ft., up to \$200	\$0.35 per sq. ft., up to \$250

<sup>[1]</sup> Existing attic insulation must be no more than R-19.

<sup>[2]</sup> Existing wall insulation must be no more than R-5.

(Cont'd on Sheet No. 22-18)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 22-18  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 22-18

**TARIFF D.S.M.C.  
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: WHE – Whole House Efficiency**

**RATE (cont'd)**

*HVAC Equipment and Incentives*

		Minimum	Maximum
Heat Pump (SEER 15, EER 12.5, HSPF 8.5)	per Unit	\$300	\$350
Heat Pump (SEER 16, EER 13, HSPF 9)	per Unit	\$450	\$500
Heat Pump (SEER 14.5 Replace Resistance Heat w/CAC)	per Unit	\$300	\$400
Heat Pump (SEER 15 Replace Resistance Heat w/CAC)	per Unit	\$600	\$700
Heat Pump (SEER 16 Replace Resistance Heat w/CAC)	per Unit	\$900	\$1,000
Heat Pump Ductless Mini Split (Replace Resistance Heat)	per Unit	\$400	\$450
Smart Programmable Thermostat w/ Heat Pump	per Unit	\$45	\$50

**EQUIPMENT**

The Company, or its authorized agents, will furnish and install, in the customer's presence, the energy conservation measures as provided in the Home Energy Audit. It is the customer's responsibility to meet the program requirements and purchase and install the weatherization and HVAC measures by a qualified dealer participating as required with the program.

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KENTUCKY POWER COMPANY

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CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 23- 1

RESERVED FOR FUTURE USE

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 24-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 24-1

***Tariff K.E.D.S***  
***(Kentucky Economic Development Surcharge)***

*Proceeds of the surcharge and matching Company contributions will be used to fund economic development programs and activities as determined by the Company within the 20 counties comprising Kentucky Power's certified territory.*

**Applicable.**

*To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D2., R.S.-T.O.D., S.G.S. - T.O.D., G.S, M.G.S. - T.O.D., L.G.S., L.G.S. - T.O.D., I.G.S., C.S. - Coal, C.S. - I.R.P., M.W.*

**Rate.**

*\$0.15 \$ .025 per month per account.*

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 25- 1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 25- 1

**Tariff H.E.A.P.**  
**(Home Energy Assistance Program)**

*Proceeds of the charge and matching Company contributions will be used to provide financial assistance to low-income residential customers for electric bills during peak heating (December, January, February, and March) and cooling (July, August, and September) months.*

**Applicable.**

*To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D2., R.S.-T.O.D.*

**Rate.**

*\$0.15 \$0.20 per month per residential account*

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 26-1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 26-1**TARIFF N.U.G.  
(Non-Utility Generator)****AVAILABILITY OF SERVICE.**

This tariff is applicable to customers with generation facilities which have a total design capacity of over 1,000 kW that intends to schedule, deliver and sell the net electric output of the facility at wholesale, and who require Commissioning Power, Startup Power and/or Station Power service from the Company.

Service to any load that is electrically isolated from the Customer's generator shall be separately metered and provided in accordance with the generally available demand-metered tariff appropriate for such service to the Customer.

This tariff is not available for standby, backup, maintenance, or supplemental service for wholesale or retail loads served by customer's generator.

**DEFINITIONS.**

1. **Commissioning Power** - The electrical energy and capacity supplied to the customer prior to the commercial operation of the customer's generator, including initial construction and testing phases.
2. **Station Power** - The electrical energy and capacity supplied to the customer to serve the auxiliary loads at the customer's generation facilities, usually when the customer's generator is not operating. Station Power does not include Startup Power.
3. **Startup Power** - The electrical energy and capacity supplied to the customer following a planned or forced outage of the customer's generator for the purpose of returning the customer's generator to synchronous operation.

**COMMISSIONING POWER SERVICE.**

Customers requiring Commissioning Power shall take service under Tariff T.S. or by special agreement with the Company.

The Customer shall coordinate its construction and testing with the Company to ensure that the customer's operations do not cause any undue interference with the Company's obligations to provide service to its other customers or impose a burden on the Company's system or any system interconnected with the Company.

**STATION POWER SERVICE.**

Customers requiring Station Power shall take service under the generally available demand-metered tariff appropriate for the customer's Station Power requirements.

**Station Contract Capacity** -- The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Station Power requirements that the Company is expected to supply under the generally available demand-metered tariff appropriate for the customer.

**STARTUP POWER SERVICE.**

Customers requiring Startup Power have the option of contracting for such service under the terms of this tariff or under the generally available demand-metered tariff appropriate for the customer's Startup Power requirements.

**Startup Contract Capacity** -- The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Startup Power requirements that the Company is expected to supply.

**Startup Duration** -- The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power.

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CANCELLING P.S.C. KY. NO. 11 SHEET NO. 26-2

**TARIFF N.U.G. (Cont'd)**  
**(Non-Utility Generator)**

**STARTUP POWER SERVICE. (cont'd)**

**Startup Duration** – The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power.

**Startup Frequency** – The Customer shall contract for a definite number of startup events sufficient to meet the maximum number of times per year that the Company is expected to supply Startup Power.

**Other Startup Characteristics** – The customer shall provide to the Company other information regarding the customer's Startup Power requirements, including, but not limited to, anticipated time-of-use and seasonal characteristics.

**Notification Requirement** - Whenever Startup Power is needed, the Customer shall provide advance notice to the Company.

Upon receipt of a request from the Customer for Startup Power Service under the terms of this tariff, the Company will provide the Customer a written offer containing the Notification Requirement, generation, transmission and distribution rates (including demand and energy charges) and related terms and conditions of service under which service will be provided by the Company. Such offer shall be based upon the Startup Contract Capacity, Startup Duration, Startup Frequency, and Other Startup Characteristics as specified by the customer. In no event shall the rates be less than the sum of the Tariff I.G.S. Energy Charge, the Fuel Adjustment Clause, the System Sales Clause, the Demand-Side Management Adjustment Clause, ~~Asset Transfer Rider~~, ~~Big Sandy Decommissioning Retirement Rider~~, ~~Big Sandy 1 Operation Rider~~, Purchase Power Adjustment, KY Economic Development Surcharge, Environmental Surcharge, and the Capacity Charge.

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If the parties reach an agreement based upon the offer provided to the customer by the Company, a contract shall be executed that provides full disclosure of all rates, terms and conditions of service under this tariff, and any and all agreements related thereto.

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 26-3  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 26-3

**TARIFF N.U.G. (Cont'd)**  
**(Non-Utility Generator)**

**MONTHLY BILLING DEMAND.**

The monthly billing demand in kW shall be taken each month as the highest single 15-minute integrated peak in kW as registered by a demand meter or indicator, less the Station Contract Capacity. The monthly billing demand so established shall in no event be less than the greater of (a) the Startup Contract Capacity or b) the customer's highest previously established monthly billing demand during the past 11 months.

**MONTHLY BILLING ENERGY.**

Interval billing energy shall be measured each 15-minute interval of the month as the total KWH registered by an energy meter or meters less the quotient of the Station Contract Capacity and four (4). In no event shall the interval billing energy be less than zero (0). Monthly billing energy shall be the sum of the interval billing energy for all intervals of the billing month.

**TRANSMISSION SERVICE.**

**Transmission Provider** – The entity providing transmission service to customers in the Company's service territory. Such entity may be the Company or a regional transmission entity.

Prior to taking service under this tariff, the Customer must have a fully executed Interconnection and Operation Agreement with the Company and/or the Transmission Provider or an unexecuted agreement filed with the Federal Energy Regulatory Commission under applicable procedures.

~~Should the Transmission Provider implement charges for Transmission Congestion, the Company shall provide 30 days written notice to the customer. Upon the expiration of such notice period, should the customer's use of Startup Power result in any charges for Transmission Congestion from the Transmission Provider, such charges, including any applicable taxes or assessments, shall be paid by or passed through to the customer without markup. Transmission Congestion is the condition that exists when market participants seek to dispatch in a pattern that would result in power flows that cannot be physically accommodated by the system.~~

**TERM OF CONTRACT.**

Contracts under this tariff will be made for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than one year.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

The Company may not be required to supply capacity in excess of that contracted for except by mutual agreement. Contracts will be made in multiples of 100 kW.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff shall not obligate the Company to purchase or pay for any capacity or energy produced by the Customer's generator.

Customers desiring to provide Startup and Station Power from ~~commonly-owned~~ other generation facilities, *owned by the same individual business entity* that are not located on the site of the customer's generator (remote self-supply), shall take service under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission.

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**TARIFF N.M.S.**  
**(Net Metering Service)**

**AVAILABILITY OF SERVICE.**

Net Metering is available to eligible customer-generators in the Company's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of one percent (1%) of the Company's single hour peak load in Kentucky during the previous year. If the cumulative generating capacity of net metering systems reaches 1% of the Company's single hour peak load during the previous year, upon Commission approval, the Company's obligation to offer net metering to a new customer-generator may be limited. An eligible customer-generator shall mean a retail electric customer of the Company with a generating facility that:

- (1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro energy;
- (2) Has a rated capacity of not greater than thirty (30) kilowatts;
- (3) Is located on the customer's premises;
- (4) Is owned and operated by the customer;
- (5) Is connected in parallel with the Company's electric distribution system; and
- (6) Has the primary purpose of supplying all or part of the customer's own electricity requirements.

At its sole discretion, the Company may provide Net Metering to other customer-generators not meeting all the conditions listed above on a case-by-case basis.

The term "Customer" hereinafter shall refer to any customer requesting or receiving Net Metering services under this tariff.

**METERING.**

Net energy metering shall be accomplished using a standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions. If the existing electrical meter installed at the customer's facility is not capable of measuring the flow of electricity in two directions, the Company will provide the customer with the appropriate metering at no additional cost to the customer. If the customer requests any additional meter or meters or if distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.

**BILLING/MONTHLY CHARGES.**

Monthly charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the Company's standard service tariff under which the customer would otherwise be served, absent the customer's electric generating facility. Energy charges under the customer's standard tariff shall be applied to the customer's net energy for the billing period to the extent that the net energy exceeds zero. If the customer's net energy is zero or negative during the billing period, the customer shall pay only the non-energy charge portions of the standard tariff bill. If the customer's net energy is negative during a billing period, the customer shall be credited in the next billing period for the kWh difference. If time-of-day metering is used, energy flows in both directions shall be netted and accounted for at the specific time-of-use in accordance with the provisions of the customer's standard tariff and this Net Metering Service Tariff. When the customer elects to no longer take service under this Net Metering Service Tariff, any unused credit shall revert to the Company. Excess electricity credits are not transferable between customers or locations.

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**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**APPLICATION AND APPROVAL PROCESS.**

The Customer shall submit an Application for Interconnection and Net Metering ("Application") and receive approval from the Company prior to connecting the generator facility to the Company's system.

Applications will be submitted by the Customer and reviewed and processed by the Company according to either Level 1 or Level 2 processes defined below.

The Company may reject an Application for violations of any code, standard, or regulation related to reliability or safety; however, the Company will work with the Customer to resolve those issues to the extent practicable.

Customers may contact the Company to check on the status of an Application or with questions prior to submitting an Application. Company contact information can be found on Kentucky Power Company's Application Form or on the Company's website.

**LEVEL 1 AND LEVEL 2 DEFINITIONS.**

**LEVEL 1**

A Level 1 Application shall be used if the generating facility is inverter-based and is certified by a nationally recognized testing laboratory to meet the requirements of Underwriters Laboratories Standard 1741 "Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources" (UL 1741).

The Company will approve the Level 1 Application if the generating facility also meets all of the following conditions:

- (1) For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed generating facility, will not exceed 15% of the Line Section's most recent annual one hour peak load. A line section is the smallest part of the primary distribution system the generating facility could remain connected to after operation of any sectionalizing devices.
- (2) If the proposed generating facility is to be interconnected on a single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed generating facility, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- (3) If the proposed generating facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.
- (4) If the generating facility is to be connected to three-phase, three wire primary Company distribution lines, the generator shall appear as a phase-to-phase connection at the primary Company distribution line.
- (5) If the generating facility is to be connected to three-phase, four wire primary Company distribution lines, the generator shall appear to the primary Company distribution line as an effectively grounded source.
- (6) The interconnection will not be on an area or spot network.
- (7) The Company does not identify any violations of any applicable provisions of IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems."
- (8) No construction of facilities by the Company on its own system will be required to accommodate the generating facility.

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**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**LEVEL 1, continued**

If the generating facility does not meet all of the above listed criteria, the Company, in its sole discretion, may either: 1) approve the generating facility under the Level 1 Application if the Company determines that the generating facility can be safely and reliably connected to the Company's system; or 2) deny the Application as submitted under the Level 1 Application.

The Company shall notify the customer within 20 business days whether the Application is approved or denied, based on the criteria provided in this section.

If the Application lacks complete information, the Company shall notify the customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the time to process the Application.

When approved, the Company will indicate by signing the approval line on the Level 1 Application Form and returning it to the customer. The approval will be subject to successful completion of an initial installation inspection and witness test if required by the Company. The Company's approval section of the Application will indicate if an inspection and witness test are required. If so, the customer shall notify the Company within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within 10 business days of completion of the generator facility installation or as otherwise agreed to by the Company and the customer. The customer may not operate the generating facility until successful completion of such inspection and witness test, unless the Company expressly permits operational testing not to exceed two hours. If the installation fails the inspection or witness test due to noncompliance with any provision in the Application and Company approval, the customer shall not operate the generating facility until any and all noncompliance is corrected and re-inspected by the Company.

If the Application is denied, the Company will supply the customer with reasons for denial. The customer may resubmit under Level 2 if appropriate.

**LEVEL 2**

A Level 2 Application is required under any of the following:

- (1) The generating facility is not inverter based;
- (2) The generating facility uses equipment that is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741; or
- (3) The generating facility does not meet one or more of the additional conditions under Level 1.

The Company will approve the Level 2 Application if the generating facility meets the Company's technical interconnection requirements, which are based on IEEE 1547. The Company shall make its technical interconnection requirements available online and upon request.

(Cont'd on Sheet No. 27-4)

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**LEVEL 2, continued**

The Company will process the Level 2 Application within 30 business days of receipt of a complete Application. Within that time the Company will respond in one of the following ways:

- (1) The Application is approved and the Company will provide the customer with an Interconnection Agreement to sign.
- (2) If construction or other changes to the Company's distribution system are required, the cost will be the responsibility of the customer. The Company will give notice to the customer and offer to meet to discuss estimated costs and construction timeframe. Should the customer agree to pay for costs and proceed, the Company will provide the customer with an Interconnection Agreement to sign within a reasonable time.
- (3) The Application is denied. The Company will supply the customer with reasons for denial and offer to meet to discuss possible changes that would result in Company approval. Customer may resubmit Application with changes.

If the Application lacks complete information, the Company shall notify the customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the 30-business-day target to process the Application.

The Interconnection Agreement will contain all the terms and conditions for interconnection consistent with those specified in this tariff, inspection and witness test requirements, description of and cost of construction or other changes to the Company's distribution system required to accommodate the generating facility, and detailed documentation of the generating facilities which may include single line diagrams, relay settings, and a description of operation.

The customer may not operate the generating facility until an Interconnection Agreement is signed by the customer and Company and all necessary conditions stipulated in the agreement are met.

**APPLICATION, INSPECTION AND PROCESSING FEES.**

No application fee or other review, study, or inspection or witness test fees will be charged by the company for Level I application.

The Company will require each customer to submit with each Level 2 Application a non-refundable application, inspection and processing fee of \$50. In the event the Company determines an impact study is necessary with respect to a Level 2 Application, the customer shall be responsible for any reasonable costs up to \$1,000 for the initial impact study. The Company shall provide documentation of the actual cost of the impact study. Any other studies requested by the customer shall be at the customer's sole expense.

(Cont'd on Sheet No. 27-5)

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By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S. (Cont'd)**  
**(Net Metering Service)**

**TERMS AND CONDITIONS FOR INTERCONNECTION.**

To interconnect to the Company's distribution system, the customer's generating facility shall comply with the following terms and conditions:

- (1) The Company shall provide the customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.
- (2) The customer shall install, operate, and maintain, at customer's sole cost and expense, any control, protective, or other equipment on the customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from the Company, the customer shall demonstrate generating facility compliance.
- (3) The generating facility shall comply with, and the customer shall represent and warrant its compliance with:  
(a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Company's rules, regulations, and Company's Terms and Conditions of Service as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- (4) Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- (5) Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.

(Cont'd on Sheet No. 27-6)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR INTERCONNECTION, continued**

- (6) Customer shall be responsible for protecting, at customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.
- (7) After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 Application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance, and operation of the generating facility comply with the requirements of this tariff.
- (8) For Level 1 and 2 generating facilities, where required by the Company, an eligible customer shall furnish and install on customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the customer's energy generating equipment from Company's electric service under the full rated conditions of the customer's generating facility. The external disconnect switch (EDS) shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the customer shall be responsible for ensuring that the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times. The Company may waive the requirement for an EDS for a generating facility at its sole discretion, and on a case-by-case basis, upon review of the generating facility operating parameters and if permitted under the Company's safety and operating protocols.

The Company shall establish a training protocol for line workers on the location and use of the EDS, and shall require that the EDS be used when appropriate, and that the switch be turned back on once the disconnection is no longer necessary.

- (9) Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or customer's electric system; (b) the generating facility is not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability, or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give customer notice of noncompliance including a description of the specific noncompliance condition and allow customer a reasonable time to cure the noncompliance prior to isolating the generating facilities. In emergency situations, when the Company is unable to immediately isolate or cause the customer to isolate only the generating facility, the Company may isolate the customer's entire facility.

(Cont'd on Sheet No. 27-7)

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In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR INTERCONNECTION, continued**

- (10) Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.
- (11) To the extent permitted by law, the customer shall protect, indemnify, and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the customer or the customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining, or operating the customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives, or contractors.
- The liability of the Company to the customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the customer is taking service.
- (12) The customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy) for both Level 1 and Level 2 generating facilities. Customer shall, upon request, provide Company with proof of such insurance at the time that application is made for net metering.
- (13) By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- (14) A customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer, or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the customer in writing and list what must be done to place the facility in compliance.
- (15) The customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

(Cont'd on Sheet No. 27-8)

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By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 27-8  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 27-8

**TARIFF N.M.S.  
(Net Metering Service)**

**TERM OF CONTRACT.**

Any contract required under this tariff shall become effective when executed by both parties and shall continue in effect until terminated. The contract may be terminated as follows: (a) Customer may terminate the contract at any time by giving the Company at least sixty (60) days' written notice; (b) Company may terminate upon failure by the customer to continue ongoing operation of the generating facility; (c) either party may terminate 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 the contract or the rules or any rate schedule, tariff, regulation, contract, or policy of the Company, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) the Company may terminate by giving the customer at least thirty (30) days notice in the event that there is a material change in an applicable law, regulation or statute affecting this Agreement or which renders the system out of compliance with the new law or statute.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service and all provisions of the standard service tariff under which the customer takes service. This tariff is also subject to the applicable provisions of the Company's Technical Requirements for Interconnection.

(Cont'd on Sheet No. 27-9)

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TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 27-9  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 27-9

**TARIFF N.M.S.  
(Net Metering Service)**

# Application For Interconnection And Net Metering – Level 1

*Use this Application only for: 1.) a generating facility that is inverter based and certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, 2.) less than or equal to 30 kW generation capacity and 3.) connecting to Kentucky Power distribution system.*

Submit this Application to:

**D.G. Coordinator  
American Electric Power  
1 Riverside Plaza  
Columbus, Ohio 43215-2373  
614-716-4020 Office / 614-716-1414 Fax  
dgcoordinator@aep.com**

**(Contact person listed is subject to change.  
Please visit our website for up-to-date  
information <http://www.kentuckypower.com>)**

**Applicant**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

E-mail address: \_\_\_\_\_

**Service Location**

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Electric Service Account Number: \_\_\_\_\_

**Alternate Contacts**

*Provide names and contact information for other contractors, installers, or engineering firms involved in the design and installation of the generating facilities:*

<u>Name</u>	<u>Company</u>	<u>Telephone/Email</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Cont'd on Sheet No. 27-10)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

***APPLICATION FOR INTERCONNECTION AND NET METERING,  
LEVEL 1 – CONTINUED***

**Equipment Qualifications**

Energy Source: ( ) Solar ( ) Wind ( ) Hydro ( ) Biogas ( ) Biomass

Inverter Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

Inverter Power Rating: \_\_\_\_\_ Voltage Rating: \_\_\_\_\_

Power Rating of Energy Source (i.e., solar panels, wind turbine): \_\_\_\_\_

Battery Storage: ( ) Yes ( ) No If Yes, Battery Power Rating: \_\_\_\_\_

*Attach documentation showing that inverter is certified by a nationally recognize testing laboratory to meet the requirements of UL 1741.*

*Attach site drawing or sketch showing locations of Kentucky Power Company meter, energy source, accessible disconnect switch and inverter.*

*Attach single line drawing showing all electrical equipment from the metering location to the energy source including switches, fuses, breakers, panels, transformers, inverters, energy source, wire size, equipment ratings, and transformer connections.*

**Expected Start-up Date:** \_\_\_\_\_

(Cont'd on Sheet No. 27-11)

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 27-11  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 27-11

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1:**

- 1 Kentucky Power Company (Company) shall provide customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.
- 2 Customer shall install, operate, and maintain, at customer's sole cost and expense, any control, protective, or other equipment on the customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient, and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance, and safe operation of the generating facility. Upon reasonable request from the Company, customer shall demonstrate generating facility compliance.
- 3 The generating facility shall comply with, and the customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by the Institute of Electrical and Electronics Engineers (IEEE) and accredited testing laboratories such as Underwriters Laboratories (UL); (b) the National Electrical Code (NEC) as may be revised from time to time; (c) Company's rules, regulations, and Company's Terms and Conditions of Service as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- 4 Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- 5 Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics, or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
- 6 Customer shall be responsible for protecting, at customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.

(Cont'd on Sheet No. 27-12)

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By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1, continued**

- 7 After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 Application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this tariff.
- 8 For Level 1 generating facilities, where required by the Company, an eligible customer shall furnish and install on customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the customer's energy generating equipment from Company's electric service under the full rated conditions of the customer's generating facility. The external disconnect switch (EDS) shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times. The Company may waive the requirement for an EDS for a generating facility at its sole discretion, and on a case-by-case basis, upon review of the generating facility operating parameters and if permitted under the Company's safety and operating protocols.
- The Company shall establish a training protocol for line workers on the location and use of the EDS, and shall require that the EDS be used when appropriate, and that the switch be turned back on once the disconnection is no longer necessary.
- 9 Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or customer's electric system; (b) the generating facility is not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give customer notice of noncompliance including a description of the specific noncompliance condition and allow customer a reasonable time to cure the noncompliance prior to isolating the generating facilities. In emergency situations, when the Company is unable to immediately isolate or cause the customer to isolate only the generating facility, the Company may isolate the customer's entire facility.
- 10 Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level I facilities and not resulting in increases in generating facility capacity is allowed without approval.

(Cont'd on Sheet No. 27-13)

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By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1, continued**

- 11 To the extent permitted by law, the customer shall protect, indemnify, and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the customer or the customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives, or contractors.  
  
The liability of the Company to the customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the customer is taking service.
- 12 The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy) for Level I generating facilities. Customer shall, upon request, provide Company with proof of such insurance at the time that application is made for net metering.
- 13 By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- 14 Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer, or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the Customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the customer in writing and list what must be done to place the facility in compliance.
- 15 The customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

(Cont'd on Sheet No. 27-14)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 27-14  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 27-14

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 1, continued**

**Effective Term and Termination Rights**

This Agreement becomes effective when executed by both parties and shall continue in effect until terminated. This Agreement may be terminated as follows: (a) Customer may terminate this Agreement at any time by giving the Company at least sixty (60) days' written notice; (b) Company may terminate upon failure by the Customer to continue ongoing operation of the generating facility; (c) either party may terminate 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 the Agreement or the Rules or any rate schedule, tariff, regulation, contract, or policy of the Company, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) the Company may terminate by giving the Customer at least thirty (30) days notice in the event that there is a material change in an applicable law, regulation or statute affecting this Agreement or which renders the system out of compliance with the new law or statute. I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true, and I agree to abide by all the Terms and Conditions included in this Application for Interconnection and Net Metering and Company's Net Metering Tariff.

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**COMPANY APPROVAL SECTION**

When signed below by a Company representative, Application for Interconnection and Net Metering is approved subject to the provisions contained in this Application and as indicated below.

**Company inspection and witness test:  Required  Waived**

If Company inspection and witness test is required, Customer shall notify the Company within three (3) business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within ten (10) business days of completion of the generating facility installation or as otherwise agreed to by the Company and the Customer. Unless indicated below, the Customer may not operate the generating facility until such inspection and witness test is successfully completed. Additionally, the Customer may not operate the generating facility until all other terms and conditions in the Application have been met.

Call: \_\_\_\_\_ to schedule an inspection and witness test.

**Pre-Inspection operational testing not to exceed two (2) hours:  Allowed  Not Allowed**

If Company inspection and witness test is waived, operation of the generating facility may begin when installation is complete, and all other terms and conditions in the Application have been met.

Additions, Changes, or Clarifications to Application Information:  None  As specified here:

\_\_\_\_\_

**Approved by:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_ **Title:** \_\_\_\_\_

(Cont'd on Sheet No. 27-15)

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TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF N.M.S.  
(Net Metering Service)**

**Application for Interconnection and Net Metering – Level 2**

*Use this Application form for connecting to the Kentucky Power distribution system and: 1.) the generating facility is not inverter based or is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741 or 2.) does not meet any of the additional conditions under a Level 1 Application (inverter based and less than or equal to 30kW generation).*

*Submit this Application (along with the application fee of \$100) to:*

**DG Coordinator  
American Electric Power  
1 Riverside Plaza  
Columbus, Ohio 43215-2373  
614-716-4020 Office / 614-716-1414 Fax  
dgcoordinator@aep.com**

**(Contact person listed is subject to change.  
Please visit our website for up-to-date  
information <http://www.kentuckypower.com>)**

**Applicant**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Project Contact Person: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

E-mail Address: \_\_\_\_\_

**Service Location**

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Electric Service Account Number: \_\_\_\_\_

**Alternate Contacts**

*Provide names and contact information for other contractors, installers, or engineering firms involved in the design and installation of the generating facilities:*

<u>Name</u>	<u>Company</u>	<u>Telephone/Email</u>
_____	_____	_____
_____	_____	_____

(Cont'd on Sheet No. 27-16)

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered on or after July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 27-16  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 27-16

**TARIFF N.M.S.  
(Net Metering Service)**

**APPLICATION FOR INTERCONNECTION AND NET METERING,  
LEVEL 2 - CONTINUED**

**Equipment Qualifications**

Total Generating Capacity (kW) of the Generating Facility: \_\_\_\_\_

Type of Generator: ( ) Inverter-Based ( ) Synchronous ( ) Induction

Energy Source: ( ) Solar ( ) Wind ( ) Hydro ( ) Biogas ( ) Biomass

*Attach documentation showing that inverter is certified by a nationally recognizes testing laboratory to meet the requirements of UL 1741.*

*Attach site drawing or sketch showing locations of Kentucky Power Company meter, energy source, accessible disconnect switch and inverter.*

*Attach single line drawing showing all electrical equipment from the metering location to the energy source including switches, fuses, breakers, panels, transformers, inverters, energy source, wire size, equipment ratings, and transformer connections.*

Expected Start-up Date: \_\_\_\_\_

(Cont'd on Sheet No. 27-17)

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By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**Interconnection Agreement – Level 2**

**This Interconnection Agreement** (Agreement) is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between Kentucky Power Company (Company), and \_\_\_\_\_ (Customer). Company and Customer are hereinafter sometimes referred to individually as “Party” or collectively as “Parties”

**Witnesseth:**

**Whereas**, Customer is installing, or has installed, generating equipment, controls, and protective relays and equipment (Generating Facility) used to interconnect and operate in parallel with Company’s electric system, which Generating Facility is more fully described in Exhibit A, attached hereto and incorporated herein by this Agreement, and as follows:

Location: \_\_\_\_\_

Generator Size and Type: \_\_\_\_\_

**Now, Therefore**, in consideration thereof, Customer and Company agree as follows:

Company agrees to allow Customer to interconnect and operate the generating Facility in parallel with the Company’s electric system and Customer agrees to abide by Company’s Net Metering Tariff and all Terms and Conditions listed in this Agreement including any additional conditions listed in Exhibit A.

(Cont’d on Sheet No. 27-18)

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2:**

To interconnect to the Kentucky Power Company (Company) distribution system, the customer's generating facility shall comply with the following terms and conditions:

- 1 Company shall provide customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the customer requests any additional meter/meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the customer's expense.
- 2 Customer shall install, operate, and maintain, at customer's sole cost and expense, any control, protective, or other equipment on the customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient, and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance, and safe operation of the generating facility. Upon reasonable request from the Company, customer shall demonstrate generating facility compliance.
- 3 The generating facility shall comply with, and the customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by the Institute of Electrical and Electronics Engineers (IEEE) and accredited testing laboratories such as Underwriters Laboratories (UL); (b) the National Electrical Code (NEC) as may be revised from time to time; (c) Company's rules, regulations, and Company's Terms and Conditions of Service as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- 4 Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- 5 Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics, or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.

(Cont'd on Sheet No. 27-19)

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TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2, continued**

- 6 Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.
- 7 After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 Application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this tariff.
- 8 For Level 2 generating facilities, where required by the Company, an eligible customer shall furnish and install on customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the customer's energy generating equipment from Company's electric service under the full rated conditions of the customer's generating facility. The external disconnect switch (EDS) shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times. The Company may waive the requirement for an EDS for a generating facility at its sole discretion, and on a case-by-case basis, upon review of the generating facility operating parameters and if permitted under the Company's safety and operating protocols.

The Company shall establish a training protocol for line workers on the location and use of the EDS, and shall require that the EDS be used when appropriate, and that the switch be turned back on once the disconnection is no longer necessary.

- 9 Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or customer's electric system; (b) the generating facility is not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give customer notice of noncompliance including a description of the specific noncompliance condition and allow customer a reasonable time to cure the noncompliance prior to isolating the generating facilities. In emergency situations, when the Company is unable to immediately isolate or cause the customer to isolate only the generating facility, the Company may isolate the customer's entire facility.

(Cont'd on Sheet No. 27-20)

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By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2, continued**

- 10 Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components not resulting in increases in generating facility capacity is allowed without approval.
- 11 To the extent permitted by law, the customer shall protect, indemnify, and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the customer or the customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives, or contractors.  
  
The liability of the Company to the customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the customer is taking service.
- 12 The customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy). Customer shall provide Company with proof of such insurance at the time that application is made for net metering.
- 13 By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- 14 Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer, or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the customer in writing and list what must be done to place the facility in compliance.
- 15 The customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

(Cont'd on Sheet No. 27-21)

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TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**TERMS AND CONDITIONS FOR LEVEL 2, continued**

**Effective Term and Termination Rights**

This Agreement becomes effective when executed by both parties and shall continue in effect until terminated. This Agreement may be terminated as follows: (a) Customer may terminate this Agreement at any time by giving the Company at least sixty (60) days' written notice; (b) Company may terminate upon failure by the Customer to continue ongoing operation of the generating facility; (c) either party may terminate 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 the Agreement or the Rules or any rate schedule, tariff, regulation, contract, or policy of the Company, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) the Company may terminate by giving the Customer at least thirty (30) days notice in the event that there is a material change in an applicable law, regulation or statute affecting this Agreement or which renders the system out of compliance with the new law or statute.

IN WITNESS WHEREOF, the Parties have executed this Agreement, effective as of the date first above written.

**Customer Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Company Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

(Cont'd on Sheet No. 27-22)

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TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF N.M.S.  
(Net Metering Service)**

**Interconnection Agreement – Level 2  
Exhibit A**

- Exhibit A will contain additional detailed information about the Generating Facility such as a single line diagram, relay settings, and a description of operation.
- When construction of the Company's facilities is required, Exhibit A will also contain a description and associated cost.
- Exhibit A will also specify requirements for a Company inspection and witness test and when limited operation for testing or full operation may begin.

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By authority of an Order by the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 28-1  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 28-1

**TARIFF C.C.**  
 (Capacity Charge)

**AVAILABILITY OF SERVICE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D. 2, S.G.S., G.S., S.G.S.-T.O.D., M.G.S., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., Pilot K-12 School, I.G.S. C.S.-I.R.P., M.W., O.L., and S.L.

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**RATE.**

	<u>All Other</u>	<u>Service Tariff</u>	<u>I.G.S.</u>
Energy Charge per KWH per month	\$ 0.001185		\$ 0.000656

**RATE CALCULATION.**

1. Pursuant to the final order of the Kentucky Public Service Commission in Case No. 2004-00420 and the Stipulation and Settlement Agreement dated October 20, 2004 as filed and approved by the Commission, Kentucky Power Company is to recover from retail ratepayers the supplemental annual payments tied to the 18-year extension of the Rockport Unit Power Service Agreement (UPSA). Kentucky Power will apply surcharges designed to enable recovery from each tariff class of customers, an annual supplemental payment of \$5.1 million annually in Years 2005 through 2009, and then increases to \$6.2 million annually in Years 2010 through 2021, and then decreases to \$5,792,329 in Year 2022.
2. Kentucky Power will be entitled to receive these annual supplemental payments in addition to the base retail rates established by the Commission. The costs associated with the underlying Rockport Unit 1 and 2 UPSA will continue to be included in base rates.
3. The increased annual revenues will be generated by two different KWH rates, one for I.G.S. tariff customers and one for All Other tariff customers.
4. The allocation of the additional revenues to be collected from the I.G.S. tariff customers and All Other tariff customers will be based upon the total annual revenue of each of the two-customer classes. Once the additional revenues have been allocated between the two customer classes based upon total annual Kentucky retail revenue, the additional revenue will be collected within the two customer classes (I.G.S. and All Other tariffs) on a KWH basis. The KWH rate to be applied to each of these two customer class groups shall be sufficient to generate that portion of the total increase in annual revenues equal to the percentage of total annual revenues produced by each of the two customer class groups (I.G.S. and All Other tariffs).
5. The Stipulation and Settlement Agreement is made upon the express agreement by the Parties that the receipt by Kentucky Power of the additional revenues called for by Section III(1)(a) and III(1)(b) shall be accorded the ratemaking treatment set out in Section III. In any proceeding affecting the rates of Kentucky Power during the extension of the UPSA under this Stipulation and Settlement Agreement, the provisions of Section III are an express exception to Section VI(4) of the Stipulation and Settlement Agreement.
6. The Capacity Charge factors will be applied to bills monthly and will be shown on the Customer's bill as a separate line item.

(Cont'd on Sheet No. 28-2)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

TARIFF C.C.  
(Capacity Charge) Cont'd

RATE CALCULATION. (Cont'd)

7. The capacity charge will be adjusted annually to recover amounts authorized by the Commission.

The annual adjustment shall be determined as follows:

- A. Calculate the revenue over / under collection for the previous 12 month period,  $REV_{billed} - REV_{settlement} = REV_{diff}$
- B. Calculate the revenue requirement for the upcoming 12 month period,  $REV_{settlement} + REV_{diff} = REV_{authorized}$
- C. Calculate Capacity Charge Rates for the upcoming 12 month period,

$$IGS \text{ Capacity Charge} = \frac{REV_{authorized} \times (REV_{IGS} / REV_{Total})}{kWh_{IGS}}$$

$$\text{All Other Capacity Charge} = \frac{REV_{authorized} \times (REV_{All \text{ Other}} / REV_{Total})}{kWh_{All \text{ Other}}}$$

Where:

"REV<sub>Total</sub>" is the total revenue billed during the most recently available 12 month period.

"REV<sub>IGS</sub>" is the total IGS customer class revenue billed during the most recently available 12 month period.

"REV<sub>All Other</sub>" is the revenue billed from all other customer classes during the most recently available 12 month period.

"kWh<sub>IGS</sub>" is the IGS customer class total kWh billed during the most recently available 12 month period.

"kWh<sub>All Other</sub>" is the total kWh billed to all customer classes other than IGS during the most recently available 12 month period.

"REV<sub>billed</sub>" is the total capacity charge revenue billed during the most recently available 12 month period.

"REV<sub>settlement</sub>" is the \$6.2 million amount authorized to be billed during the 12 month period.

"REV<sub>diff</sub>" is the difference between capacity charge revenues billed and what the Company is authorized to collect in a 12 month period.

"REV<sub>authorized</sub>" is the capacity charge amount to be billed over the upcoming 12 month period.

8. The annual Capacity Charge Adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all necessary supporting data to justify the amount of the adjustments, which shall include data and information as may be required by the Commission.

Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 29-1  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 29-1

**TARIFF E.S.  
(Environmental Surcharge)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D. 2, G.S., S.G.S., S.G.S.-T.O.D., M.G.S., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., ~~Hot K-12 School~~, L.G.S., C.S.- I.R.P., M.W., O.L., and S.L.

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**RATE.**

The environmental surcharge shall provide for monthly adjustments based on a percent of revenues, equal to the difference between the environmental compliance costs in the base period as provided in Paragraph 2 below and in the current period as provided in Paragraph 3 below.

The retail share of the revenue requirement will be allocated between residential and non-residential retail customers based upon their respective total revenues during the previous calendar year. The Environmental Surcharge will be implemented as a percentage of total revenues for the residential class and as a percentage of non-fuel revenues for all other customers.

I. Monthly Environmental Surcharge Gross Revenue Requirement, E(m)

Where: E(m) = CRR - BRR  
CRR = Current Period Revenue Requirement for the Expense Month.  
BRR = Base Period Revenue Requirement.

(Continued on Sheet 29-2)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

TARIFF E.S. (Cont'd)  
 (Environmental Surcharge)

RATE (Cont'd)

2. Base Period Revenue Requirement, BRR

BRR = The Following Monthly Amounts:

Billing Month	Base Net	
	Environmental Costs	
JANUARY 2016	\$ 2,646,292	4,136,938
FEBRUARY 2016	2,624,660	4,052,130
MARCH 2016	2,736,994	3,858,141
APRIL 2016	2,795,854	4,164,851
MAY 2016	2,782,209	4,093,983
JUNE 2016	2,723,098	4,323,338
JULY 2016	3,416,840	4,243,526
AUGUST 2016	3,184,443	4,382,364
SEPTEMBER 2016	3,236,974	4,118,637
OCTOBER 2016	2,982,958	4,303,417
NOVEMBER 2016	2,895,369	4,193,118
DECEMBER 2016	\$ 2,876,988	4,356,104
	\$ 34,902,677	50,226,547

In accordance with the Stipulation and Settlement Agreement approved by the Commission by its Order dated October 7, 2013 in Case No. 2012-00578, the Mitchell FGD and all related associated costs are not included in base rates or the Base Revenue Requirement but will be included in the Current Period Revenue Requirement. The Mitchell FGD will be excluded from Base Rates at least until June 30, 2020.

3. Current Period Revenue Requirement, CRR

$$CRR = [(RB_{KP(e)}) (ROR_{KP(e)}) / 12 + OE_{KP(e)}] + [(RB_{IM(e)}) (ROR_{IM(e)}) / 12 + OE_{IM(e)}] (.15) - AS$$

Where:

- RB<sub>KP(e)</sub> = Environmental Compliance Rate Base for Mitchell.
- ROR<sub>KP(e)</sub> = Annual Rate of Return on Mitchell Environmental Compliance Rate Base; Annual Rate divided by 12 to restate to a Monthly Rate of Return.

(Cont'd on Sheet 29-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

(1) Case No. 2017-00179 Dated XXXXXXXX

**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

**RATE (Cont'd)**

OE <sub>KP(C)</sub>	=	Monthly Pollution Control Operating Expenses for Mitchell.
RB <sub>IM(C)</sub>	=	Environmental Compliance Rate Base for Rockport.
ROR <sub>IM(C)</sub>	=	Annual Rate of Return on Rockport Rate Base; Annual Rate divided by 12 to restate to a Monthly Rate of Return.
OE <sub>IM(C)</sub>	=	Monthly Pollution Control Operating Expenses for Rockport.
AS	=	Net proceeds from the sale of Title IV and CSAPR SO <sub>2</sub> emission allowances, ERCs, and NOx emission allowances, reflected in the month of receipt.

“KP(C)” identifies components from Mitchell Units – Current Period, and “IM(C)” identifies components from the Indiana Michigan Power Company’s Rockport Units – Current Period.

*The Environmental Compliance Rate Base for both Kentucky Power and Rockport reflects the current cost associated with the 1997 Plan, the 2003 Plan, the 2005 Plan, the 2007 Plan, and the 2014 2015 Plan, and the 2017 Plan. The Environmental Compliance Rate Base for Kentucky Power should also include a cash working capital allowance based on the 1/8 formula approach, due to the inclusion of Kentucky Power’s accounts receivable financing in the capital structure and weighted average cost of capital. The Operating Expenses for both Kentucky Power and Rockport should reflects the current operating expenses associated with the 1997 Plan, the 2003 Plan, the 2005 Plan, the 2007 Plan, and the 2015 Plan and the 2017 Plan.*

The Rate of Return for Kentucky Power is ~~10.25~~ 10.31% rate of return on equity as authorized by the Commission in its Order Dated ~~June 22, 2015 XXXX XX, 2017~~ in Case No. ~~2014-00396~~ 2017-00179.

The Rate of Return for Rockport should reflect the requirements of the Rockport Unit Power Agreement.

Net Proceeds from the sale of emission allowances and ERCs that reflect net gains will be a reduction to the Current Period Revenue Requirement, while net losses will be an increase.

The Current Period Revenue Requirement will reflect the balances and expenses as of the Expense Month of the filing.

(Cont'd on Sheet No. 29-4)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 29-4  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 29-4

**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

RATE (Cont'd)

4. Revenue Allocation

$$\text{Residential Allocation RA(m)} = \frac{\text{KY Residential Retail Revenue RR(b)}}{\text{KY Retail Revenue R(b)}}$$

$$\text{All Other Allocation OA(m)} = \frac{\text{KY All Other Classes Retail Revenue OR(b)}}{\text{KY Retail Revenue R(b)}}$$

Where:

(m) = the expense month  
(b) = most recent calendar year revenues

5. Environmental Surcharge Factor

$$\text{Residential Monthly Environmental Surcharge Factor} = \frac{\text{Net KY Retail E(m)} * \text{RA(m)}}{\text{KY RR(m)}}$$

$$\text{All Other Monthly Environmental Surcharge Factor} = \frac{\text{Net KY Retail E(m)} * \text{AO(m)}}{\text{KY OR(m) - KY OF(m)}}$$

Where:

Net KY Retail E(m) = Monthly E(m) allocated to Kentucky Retail Customers, net of Over/ (Under) Recovery Adjustment; Allocation based on Percentage of Kentucky Retail Revenues to Total Company Revenues in the Expense Month.

(For purposes of this formula, Total Company Revenues do not include Non -Physical Revenues.)

RR(m) = Average Kentucky Residential Retail Revenues for the Preceding Twelve Month Period

OR(m) = Average Kentucky All Other Classes Retail Revenues for the Preceding Twelve Month Period

OF(m) = Average Kentucky All Other Classes Fuel Revenues for the Preceding Twelve Month Period

(Cont'd on Sheet No. 29-5)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 29-5  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 29-5

TARIFF E.S. (Cont'd)  
(Environmental Surcharge)

RATE (Cont'd)

6. Environmental costs "E" shall be the Company's costs of compliance with the Clean Air Act and those environmental requirements that apply to coal combustion wastes and by-products, as follows:

Total Company:

- return on Title IV and CASPR SO<sub>2</sub> allowance inventory
- over/under recovery balances between the actual costs incurred less the amount collected through the environmental surcharge
- costs associated with any Commission's consultant approved by the Commission
- costs associated with the consumption of Title IV and CSAPR SO<sub>2</sub> allowances
- costs associated with the consumption of NO<sub>x</sub> allowances
- return on NO<sub>x</sub> allowance inventory
- costs associated with maintaining approved pollution control equipment including material and contract labor (excluding plant labor)
- Costs associated with consumables used in conjunction with approved environmental projects.
- *Return on inventories of consumables used in conjunction with approved environmental projects.*

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(Cont'd on Sheet No. 29-6)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 29-6  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 29-6

**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

**RATE (Cont'd)**

The Company's share of costs associated with the following environmental equipment at the Rockport Plant:

- Continuous Emissions Monitors
- Air Emission Fees
- Costs Associated with the Rockport Unit Power Agreement
- Activated Carbon Injection
- Mercury Monitoring
- Precipitator Modifications
- Dry Sorbent Injection
- Coal Combustion Waste Landfill
- Low NO<sub>x</sub> burners, over Fire Air Landfill
- *Selective Catalytic Reduction Technology at Unit 1*

The Company's share of costs associated with the following environmental equipment at the Mitchell Plant:

- Mitchell Unit Nos 1 and 2 Water Injection, Low NO<sub>x</sub> burners, Low NO<sub>x</sub> burner Modification, SCR, FGD, Landfill, Coal Blending Facilities and SO<sub>2</sub> Mitigation
- Mitchell Plant Common CEMS, Replace Burner Barrier Valves and Gypsum Material Handling Facilities
- Air Emission Fees
- Precipitator Modifications and Upgrades
- Coal Combustion Waste Landfill
- Bottom Ash and Fly Ash Handling
- Mercury Monitoring (MATS)
- Dry Fly Ash Handling Conversion

(Cont'd on Sheet No. 29-7)

DATE OF ISSUE: June 28, 2017

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 29-7  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 29-7

**TARIFF E.S. (Cont'd)**  
**(Environmental Surcharge)**

RATE (Cont'd)

7. The monthly environmental surcharge shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all necessary supporting data to justify the amount of the adjustments which shall include data and information as may be required by the Commission.

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 30-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 30-1

RESERVED FOR FUTURE USE

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In Case No. 2017-00179 Dated XXXXXXXX

**RIDER G R.P.O.**

(Green Renewable Pricing Power Option Rider)

**AVAILABILITY OF SERVICE.**

Available to customers taking metered service under the Company's R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, G.S., S-G-S, S.G.S.-T.O.D., M-G-S, M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., Pilot K-12 School, I.G.S., C.S.-I.R.P. and M.W. tariffs.

Participation in this program under *Option A* may be limited by the ability of the Company to procure renewable energy certificates (RECs) from Renewable Resources. If the total of all kWh under contract under this Rider equals or exceeds the Company's ability to procure RECs, the Company may suspend the availability of this Rider to new participants.

*Customers who wish to directly purchase the electrical output and all associated environmental attributes from a renewable energy generator may contract bilaterally with the Company under Option B. Option B is available to customers taking metered service under the Company's I.G.S., and C.S.-I.R.P.*

**CONDITIONS OF SERVICE.**

Customers who wish to support the *development* generation of electricity generated by Renewable Resources may under Option A contract to purchase each month a specific number of fixed kWh blocks, *or choose to cover all of their monthly usage, where each block equals 100 kWh.* Customers may elect to purchase a minimum of one (1) block per month and a maximum of 500 blocks per month.

Renewable Resources shall be defined as Wind, Solar Photovoltaic, Biomass Co-Firing of Agricultural crops and all energy crops, Hydro (as certified by the Low Impact Hydro Institute), Incremental Improvements in Large Scale Hydro, Coal Mine Methane, Landfill Gas, Biogas Digesters, Biomass Co-Firing of All Woody Waste including mill residue, but excluding painted or treated lumber. *All REC's purchased under Option A of this tariff shall be retained or retired by the Company on behalf of customers. A-Only Renewable Resources brought into service on or after January 1, 1997 shall qualify.*

**RATES.**

**Option A:**

In addition to the monthly charges determined according to the Company's tariff under which the customer takes metered service, the customer shall also pay the following rate for *the REC option of their choosing, each fixed kWh block under contract regardless of the customer's actual energy consumption during that month.* The charge will be applied to the customer's bill as a separate line item.

The Company will provide customers at least 30-days' advance notice of any change in the Rate. At such time, the customer may modify or cancel their automatic monthly purchase agreement. Any cancellation will be effective at the end of the current billing period when notice is provided.

Charge (\$ per 100 kWh block): \_\_\_\_\_ \$ 2.00/month

**A1. Solar RECs:**

*Block Purchase:* Charge (\$ per 100 kWh block): \$ 1.00/month  
*All Usage Purchase:* Charge: \$0.010/kWh consumed

(Cont'd on Sheet 31-2)

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In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 31-2  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 31-2

**RIDER G R.P.O.**  
**(Green Renewable Pricing Power Option Rider)**

**RATES. (Cont'd)**

A2. Wind RECs:

Block Purchase: Charge (\$ per 100 kWh block): \$ 1.00/month  
All Usage Purchase: Charge: \$0.010/kWh consumed

A3. Hydro & Other RECs:

Block Purchase: Charge (\$ per 100 kWh block): \$ 0.30/month  
All Usage Purchase: Charge: \$0.003/kWh consumed

**Option B:**

Charges for service under option B of this Tariff will be set forth in the written agreement between the Company and the Customer and will reflect a combination of the firm service rates otherwise available to the Customer and the cost of the renewable energy resource being directly contracted for by the Customer.

**TERM.**

This is a voluntary program.

Under Option A Customers may participate through a one-time purchase, or establish an automatic monthly purchase agreement. Any payments under this program are nonrefundable. Customers participating under Option A may terminate service under this Rider by notifying the Company with at least thirty (30) days prior notice.

Under Option B, the term of the agreement will be determined in the written agreement between the Company and the Customer.

**SPECIAL TERMS AND CONDITIONS.**

This Rider is subject to the Company's Terms and Conditions of Service and all provisions of the tariff under which the customer takes service, including all payment provisions. The Company may deny or terminate service under this Rider to customers who are delinquent in payment to the Company.

Funds collected under this Green Pricing Renewable Power Option Rider will be used solely to purchase RECs for the program.

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**RIDER A.F.S.  
(Alternate Feed Service Rider)**

**AVAILABILITY OF SERVICE.**

Standard Alternate Feed Service (AFS) is a premium service providing a redundant distribution service provided through a redundant distribution line and distribution station transformer, with automatic or manual switch-over and recovery, which provides increased reliability for distribution service. Rider AFS applies to those customers requesting new or upgraded AFS after the effective date of this rider. Rider AFS also applies to existing customers that desire to maintain redundant service when the Company must make expenditures in order to continue providing such service.

Rider AFS is available to customers who request a primary voltage alternate feed and who normally take service under Tariffs M.G.S., M.G.S.-TOD, L.G.S., L.G.S.-TOD, Pilot-K-12-School, I.G.S., or M.W. for their basic service requirements, provided that the Company has adequate capacity in existing distribution facilities, as determined by the Company, or if changes can be made to make capacity available. AFS provided under this rider may not be available at all times, including emergency situations.

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**SYSTEM IMPACT STUDY CHARGE.**

The Company shall charge the customer for the actual cost incurred by the Company to conduct a system impact study for each site reviewed. The study will consist of, but is not limited to, the following: (1) identification of customer load requirements, (2) identification of the potential facilities needed to provide the AFS, (3) determination of the impact of AFS loading on all electrical facilities under review, (4) evaluation of the impact of the AFS on system protection and coordination issues including the review of the transfer switch, (5) evaluation of the impact of the AFS request on system reliability indices and power quality, (6) development of cost estimates for any required system improvements or enhancements required by the AFS, and (7) documentation of the results of the study. The Company will provide to the customer an estimate of charges for this study.

**EQUIPMENT AND INSTALLATION CHARGE.**

The customer shall pay, in advance of construction, a nonrefundable amount for all equipment and installation costs for all dedicated and/or local facilities provided by the Company required to furnish either a new or upgraded AFS. The payment shall be grossed-up for federal and state taxes, assessment fees and gross receipts taxes. The customer will not acquire any title in said facilities by reason of such payment. The equipment and installation charge shall be determined by the Company and shall include, but not be limited to, the following: (1) all costs associated with the AFS dedicated and/or local facilities provided by the Company and (2) any costs or modifications to the customer's basic service facilities.

The customer is responsible for all costs associated with providing and maintaining phone service for use with metering to notify the Company of a transfer of service to the AFS or return to basic service.

**TRANSFER SWITCH PROVISION.**

In the event the customer receives basic service at primary voltage, the customer shall install, own, maintain, test, inspect, operate and replace the transfer switch. Customer-owned switches are required to be at primary voltage and must meet the Company's engineering, operational and maintenance specifications. The Company reserves the right to inspect the customer-owned switches periodically and to disconnect the AFS for adverse impacts on reliability or safety.

(Cont'd on Sheet No. 32-2)

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**RIDER A.F.S.  
(Alternate Feed Service Rider)**

**TRANSFER SWITCH PROVISION (CONTINUED).**

Existing AFS customers, who receive basic service at primary voltage and are served via a Company-owned transfer switch and control module, may elect for the Company to continue ownership of the transfer switch. When the Company-owned transfer switch and/or control module requires replacement, and the customer desires to continue the AFS, the customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state taxes, assessment fees and gross receipts taxes. In addition, the customer shall pay a monthly rate of ~~\$14.25~~ \$14.67 for the Company to annually test the transfer switch / control module and the customer shall reimburse the Company for the actual costs involved in maintaining the Company-owned transfer switch and control module.

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In the event a customer receives basic service at secondary voltage and requests AFS, the Company will provide the AFS at primary voltage. The Company will install, own, maintain, test, inspect and operate the transfer switch and control module. The customer shall pay the Company a nonrefundable amount for all costs associated with the transfer switch installation. The payment shall be grossed-up for federal and state taxes, assessment fees and gross receipts taxes. In addition, the customer is required to pay the monthly rate for testing and ongoing maintenance costs defined above. When the Company-owned transfer switch and/or control module requires replacement, and the customer desires to continue the AFS, customer shall pay the Company the total cost to replace such equipment which shall be grossed up for federal and state taxes, assessment fees and gross receipts taxes.

After a transfer of service to the AFS, a customer utilizing a manual or semi-automatic transfer switch shall return to the basic service within one (1) week or as mutually agreed to by the Company and customer. In the event system constraints require a transfer to be expedited, the Company will endeavor to provide as much advance notice as possible to the customer. However, the customer shall accomplish the transfer back to the basic service within ten minutes if notified by the Company of system constraints. In the event the customer fails to return to basic service within 12 hours, or as mutually agreed to by the Company and customer, or within ten minutes of notification of system constraints, the Company reserves the right to immediately disconnect the customer's load from the AFS source. If the customer does not return to the basic service as agreed to, or as requested by the Company, the Company may also provide 30 days' notice to terminate the AFS agreement with the customer.

The customer shall make a request to the Company for approval three days in advance for any planned switching.

**MONTHLY AFS CAPACITY RESERVATION DEMAND CHARGE.**

Monthly AFS charges will be in addition to all monthly basic service charges paid by the customer under the applicable tariff.

The Monthly AFS Capacity Reservation Demand Charge for the reservation of distribution station and primary lines is ~~\$5.76~~ \$6.31 per kW.

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**AFS CAPACITY RESERVATION.**

The customer shall reserve a specific amount of AFS capacity equal to, or less than, the customer's normal maximum requirements, but in no event shall the customer's AFS capacity reservation under this rider exceed the capacity reservation for the customer's basic service under the appropriate tariff. The Company shall not be required to supply AFS capacity in excess of that reserved except by mutual agreement.

(Cont'd on Sheet No. 32-3)

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In Case No. 2017-00179 Dated XXXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 32-3  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 32-3

**RIDER A.F.S.  
(Alternate Feed Service Rider)**

**AFS CAPACITY RESERVATION (continued).**

If the customer plans to increase the AFS demand at anytime in the future, the customer shall promptly notify the Company of such additional demand requirements. The customer's AFS capacity reservation and billing will be adjusted accordingly. The customer will pay the Company the actual costs of any and all additional dedicated and/or local facilities required to provide AFS in advance of construction and pursuant to an AFS construction agreement. If customer exceeds the agreed upon AFS capacity reservation, the Company reserves the right to disconnect the AFS. If the customer's AFS metered demand exceeds the agreed upon AFS capacity reservation, which jeopardizes company facilities or the electrical service to other customers, the Company reserves the right to disconnect the AFS immediately. If the Company agrees to allow the customer to continue AFS, the customer will be required to sign a new AFS agreement reflecting the new AFS capacity reservation. In addition, the customer will promptly notify AEP regarding any reduction in the AFS capacity reservation.

The customer may reserve partial-load AFS capacity, which shall be less than the customer's full requirements for basic service subject to the conditions in this provision. Prior to the customer receiving partial-load AFS capacity, the customer shall be required to demonstrate or provide evidence to the Company that they have installed demand-controlling equipment that is capable of curtailing load when a switch has been made from the basic service to the AFS. The Company reserves the right to test and verify the customer's ability to curtail load to meet the agreed upon partial-load AFS capacity reservation.

**DETERMINATION OF BILLING DEMAND.**

**Full-Load Requirement:**

For customers requesting AFS equal to their load requirement for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute integrated peak as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly billing demand on the AFS during the past 11 months, or (c) the customer's basic service capacity reservation, or (d) the customer's highest previously established monthly billing demand on the basic service during the past 11 months.

**Partial-Load Requirement:**

For customers requesting partial-load AFS capacity reservation that is less than the customer's full requirements for basic service, the AFS billing demand shall be taken each month as the single-highest 15-minute integrated peak on the AFS as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, or (b) the customer's highest previously established monthly metered demand on the partial-load AFS during the past 11 months.

**DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet No. 32-4)

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In Case No. 2017-00179 Dated XXXXXXX

**RIDER A.F.S.  
(Alternate Feed Service Rider)****TERMS OF CONTRACT.**

The AFS agreement under this rider will be made for a period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this rider.

Disconnection of AFS under this rider due to reliability or safety concerns associated with customer-owned transfer switches will not relieve the customer of payments required hereunder for the duration of the agreement term.

**SPECIAL TERMS AND CONDITIONS.**

This rider is subject to the Company's Terms and Conditions of Service.

Upon receipt of a request from the customer for non-standard AFS (AFS which includes unique service characteristics different from standard AFS), the Company will provide the customer with a written estimate of all costs, including system impact study costs, and any applicable unique terms and conditions of service related to the provision of the non-standard AFS. An AFS agreement will be filed with the Commission under the 30-day filing procedures. The AFS agreement shall provide full disclosure of all rates, terms and conditions of service under this rider, and any and all agreements related thereto.

The Company will have sole responsibility for determining the basic service circuit and the AFS circuit.

The Company assumes no liability should the AFS circuit, transfer switch, or other equipment required to provide AFS fail to operate as designed, is unsatisfactory, or is not available for any reason.

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In Case No. 2017-00179 Dated XXXXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 33-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 33-1

**U.G.R.T.  
(Utility Gross Receipts Tax)-  
(School Tax)**

**APPLICABLE.**

To all Tariff Schedules.

**RATE.**

This tariff schedule is applied as a rate increase pursuant to KRS 160.617 to all other tariff schedules for the recovery by the utility of the utility gross receipts license tax imposed by the applicable school district pursuant to KRS 160.613 with respect to the customer's bill. The current utility gross receipts license tax for school imposed by a school district may not exceed 3%. The utility gross receipts license tax shall appear on the customer's bill as a separate line item.

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 34-1  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 34-1

**K.S.T.**  
**(Kentucky Sales Tax)**

**APPLICABLE.**

To all Tariff Schedules.

**RATE.**

This tariff schedule is applied as a rate increase to all other applicable tariff schedules for the recovery by the utility pursuant to KRS 139.210 of the Kentucky Sales Tax imposed by KRS 139.200 for all customers not exempted by KRS 139.470(8). For any other exempt customers, an exemption certification must be received and on file with the Company. The Kentucky Sales Tax rate is currently imposed by the Commonwealth of Kentucky at the rate of 6%. The Kentucky Sales Tax shall appear on the customer's bill as a separate line item.

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In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF P.P.A.**  
**(Purchase Power Adjustment)**

**APPLICABLE.**

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, S-G-S, S.G.S.-T.O.D., M-G-S, M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., Pilot K-12 School, I.G.S., C.S. - I.R.P., M.W., O.L. and S.L.

**RATE.**

1. In accordance with the Stipulation and Settlement Agreement approved as modified by the Commission by its Order dated October 7, 2013 in Case No. 2012-00578, the purchase power adjustment shall provide for monthly adjustments based on a percent of revenues, calculated to six decimal places and equal to the net costs of any power purchases in the current period according to the following formula:

$$\frac{\text{Monthly Purchase Power Adjustment Factor}}{\text{KY Retail R(m)}} = \frac{\text{Net KY Retail P(m)}}{\text{KY Retail R(m)}}$$

Where:

Net KY Retail P(m) = Monthly P(m) allocated to Kentucky Retail Customers, net of Over/(Under) Recovery Adjustment; Allocation based on Percentage of Kentucky Retail Revenues to Total Company Revenues in the Expense Month (m). (For purposes of this formula, Total Company Revenues include only Retail and Full Requirements Wholesale revenues.)

KY Retail R(m) = Kentucky Retail Revenues for the Expense Month (m).

2. 1. The net costs of any power purchased shall exclude costs recovered through the Fuel Adjustment Clause and shall annual purchase power adjustment factor will be computed as the sum of the using the following items formula:

Annual Purchase Power Net Costs (PPANC)

$$PPANC = N + RP + CSIRP + G + OATT - BPP$$

Where BPP = The annual amount of purchase power costs included in base rates, \$79,076,785.

- a. PPA(m) N = The annual cost of power purchased by the Company through new Purchase Power Agreements (PPAs). All new PPAs purchase power agreements shall be approved by the Commission to the extent required by KRS 278.300.
- b. RP(m) = The annual purchased power costs not otherwise recoverable in the Fuel Adjustment Clause including but not limited to the cost of fuel related substitute generation less the cost of fuel which would have been used in plants suffering forced generation or transmission outages and the cost of purchases in excess of the highest cost owned or leased unit. .
- c. CSIRP(m) = The net annual cost of any credits provided to customers under Tariff C.S.-I.R.P. for interruptible service.
- d. G = The annual gains and losses on incidental gas sales; and
- e. OATT = The net annual PJM load-serving entity Open Access Transmission Tariff Charges.

$$\text{Monthly P(m)} = \text{PPA(m)} + \text{RP(m)} + \text{CSIRP(m)}$$

3. The monthly purchase power adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustment, which shall include data, and information as may be required by the Commission.

4. Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

(Cont'd on Sheet No. 35-2)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 35-2  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 35-2

**TARIFF P.P.A.)(Cont'd)**  
**(Purchase Power Adjustment)**

**RATES.**

Tariff Class	\$/kWh	\$/kW
R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., and R.S.-T.O.D. 2, R.S.D.	\$0.00000	--
S.G.S.-T.O.D.	\$0.00000	--
M.G.S.-T.O.D.	\$0.00000	--
G.S.	\$0.00000	--
L.G.S., L.G.S.-T.O.D.	\$0.00000	\$0.00
L.G.S.-L.M.-T.O.D.	\$0.00000	--
I.G.S. and C.S.-I.R.P.	\$0.00000	\$0.00
M.W.	\$0.00000	--
O.L.	\$0.00000	--
S.L.	\$0.00000	--

The kWh factor as calculated above will be applied to all billing kilowatt-hours for those tariff classes listed above. The kW factor as calculated above will be applied to all on-peak and minimum billing demand kW for the LGS and IGS tariff classes.

The Purchase Power Adjustment factors shall be modified annually using the following formula:

The Purchase Power Adjustment factors shall be determined as follows:

For all tariff classes without demand billing:

$$kWh \text{ Factor} = \frac{PPA(E) \times (BE_{Class} / BE_{Total}) + PPA(D) \times (CP_{Class} / CP_{Total})}{BE_{Class}}$$

$$kW \text{ Factor} = 0$$

For all tariff classes with demand billing:

$$kWh \text{ Factor} = \frac{PPA(E) \times (BE_{Class} / BE_{Total})}{BE_{Class}}$$

$$kW \text{ Factor} = \frac{PPA(D) \times (CP_{Class} / CP_{Total})}{BD_{Class}}$$

(Cont'd on Sheet No.35-3)

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By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXX

**TARIFF P.P.A. (Cont'd)**  
**(Purchase Power Adjustment)**

**RATES. (Cont'd)**

Where:

1. "PPA(D)" is the actual annual retail PPA demand-related costs, plus any prior review period (over)/under recovery.
2. "PPA(E)" is the actual annual retail PPA energy-related costs, plus any prior review period (over)/under recovery.
3. "BE<sub>Class</sub>" is the historic annual retail jurisdictional billing kWh for each tariff class for the current year.
4. "BD<sub>Class</sub>" is the historic annual retail jurisdictional billing kW for each applicable tariff class for the current year.
5. "CP<sub>Class</sub>" is the coincident peak demand for each tariff class estimated as follows:

Tariff Class	BE <sub>Class</sub>	CP/kWh Ratio	CP <sub>Class</sub>
R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., and R.S.-T.O.D. 2, R.S.D.		0.0240909%	
S.G.S.-T.O.D.		0.0196553%	
M.G.S.-T.O.D.		0.0196553%	
G.S.		0.0196553%	
L.G.S., L.G.S.-T.O.D.		0.0170480%	
L.G.S.-L.M.-T.O.D.		0.0170480%	
I.G.S. and C.S.-I.R.P.		0.0118222%	
M.W.		0.0135480%	
O.L.		0.0000000%	
S.L.		0.0000000%	

6. "BE<sub>Total</sub>" is the sum of the BE<sub>Class</sub> for all tariff classes.
7. "CP<sub>Total</sub>" is the sum of the CP<sub>Class</sub> for all tariff classes.
8. The factors as computed above are calculated to allow the recovery of Uncollectible Accounts Expense of 0.34% and the KPSC Maintenance Fee of 0.1941% and other similar revenue based taxes or assessments occasioned by the Big Sandy Unit 1 Operation Rider revenues.
9. The annual PPA factors shall be filed with the Commission by August 15 of each year, with rates to begin with the October billing period, along with all necessary supporting data to justify the amount of the adjustments, which shall include data and information as may be required by the Commission.

Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF A.T.R.**  
**(Asset Transfer Rider)**

APPLICABLE:

To Tariffs R.S., R.S. L.M. T.O.D., R.S. T.O.D., Experimental R.S. T.O.D.2, S.G.S., S.G.S. T.O.D., M.G.S., M.G.S. T.O.D., L.G.S., L.G.S. T.O.D., Pilot K-12 School, I.G.S., C.S. I.R.P., M.W., O.L. and S.L.

RATE:

In accordance with the Stipulation and Settlement Agreement approved as modified by the Commission by its Order dated October 7, 2013 in Case No. 2012-00578, Kentucky Power Company is to recover from retail ratepayers \$44 million annually beginning January 1, 2014.

Recovery under Tariff A.T.R. shall terminate on the effective date of new base rates for the Company that include Mitchell Units 1 and 2, except that the Company shall recover through the Residential Asset Transfer Adjustment and the All-Other Classes Transfer Adjustment such amounts as required to ensure the Company recovers in the year new base rates for the Company are established that include Mitchell Units 1 and 2 a pro rata share (computed on a 365-day annual basis) of the \$44 million annual revenue requirement under Tariff A.T.R.,

- The allocation of the \$44 million revenue requirement between residential and all other customers shall be based upon their respective contribution to total retail revenues for the twelve-month period ended September 30, 2013, according to the following formula:

$$\frac{\text{Residential Allocation RA}(m) = \$44,000,000 \times \frac{\text{KY Residential Retail Revenue RR}(b)}{12 \text{ months}}}{\text{KY Retail Revenue R}(b)} = \$1,541,861$$

$$\frac{\text{All Other Allocation OA}(m) = \$44,000,000 \times \frac{\text{KY All Other Classes Retail Revenue OR}(b)}{12 \text{ months}}}{\text{KY Retail Revenue R}(b)} = \$2,124,806$$

Where:  $\text{RR}(b) = \$214,421,664$

$(m) = \text{the expense month}; \text{OR}(b) = \$295,489,874$

$(b) = \text{twelve month period ended September 30, 2013}; \text{R}(b) = \$509,911,538$

- The Residential Asset Transfer Adjustment shall provide for monthly adjustments based on a percent of total revenues, calculated to six decimal places according to the following formula:

$$\frac{\text{Residential Asset Transfer Adjustment Factor}}{\text{Residential Retail Revenue RR}(m)} = \frac{\text{Net Monthly Residential Allocation NRA}(m)}{\text{Residential Retail Revenue RR}(m)}$$

Where:

$\text{Net Monthly Residential Allocation NRA}(m) = \text{Monthly Residential Allocation RA}(m), \text{ net of Over/(Under) Recovery Adjustment};$

$\text{Residential Retail Revenue RR}(m) = \text{Monthly Retail Revenue for all KY residential classes for the expense month } (m).$

- The All-Other Classes Asset Transfer Adjustment shall provide for monthly adjustments based on a percent of non-fuel revenues, calculated to six decimal places according to the following formula:

$$\frac{\text{All-Other Classes Asset Transfer Adjustment Factor}}{\text{All Other Classes Non-Fuel Retail Revenue ONR}(m)} = \frac{\text{Net Monthly All Other Allocation NOA}(m)}{\text{All Other Classes Non-Fuel Retail Revenue ONR}(m)}$$

Where:

$\text{Net Monthly All Other Allocation NOA}(m) = \text{Monthly All Other Allocation OA}(m), \text{ net of Over/(Under) Recovery Adjustment};$

$\text{All Other Classes Non-Fuel Retail Revenue ONR}(m) = \text{Monthly Non-Fuel Retail Revenue for all classes other than residential for the expense month } (m).$

(Cont'd on Sheet 36-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission  
 In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 36-2  
CANCELLING P.S.C. KY. NO. 11 \_\_\_\_\_ SHEET NO. 36-2

**TARIFF A.T.R.**  
**(Asset Transfer Rider)**

**RATE. (Cont'd)**

5. ~~The monthly asset transfer rider adjustments shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data and information as may be required by the Commission.~~
6. ~~Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.~~

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DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNBESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF E.D.R.  
(Economic Development Rider)**

**AVAILABILITY OF SERVICE.**

To encourage economic development in the Company's service territory, limited-term reductions in billing demand charges described herein are offered to qualifying new and existing retail customers who make application for service under this Rider.

Service under this Economic Development Rider (EDR) is intended for specific types of commercial and industrial customers whose operations, by their nature, will promote sustained economic development based on plant and facilities investment and job creation. Availability is limited to customers on a first-come, first-served basis until such time as a total of 250 MW of new load has been added to Kentucky Power's system under the EDR. The EDR is available to commercial and industrial customers served under Tariffs L.G.S., I.G.S. who meet the following requirements:

- (1) A new customer must have at least a monthly maximum billing demand of 500 kW. An existing customer must increase its monthly maximum billing demand by at least 500 kW over the current Base Maximum Billing Demand in order to receive the Incremental Billing Demand Discount (IBDD).
- (2) A new customer, or the business expansion by an existing customer, will receive a Supplemental Billing Demand Discount (SBDD) for creating and sustaining at least 25 new permanent full time jobs over the contract term at the service location. The Company reserves the right to verify job counts. Failure to demonstrate the creation of new employment positions or to maintain the employment during the contract term will result in the termination of the supplemental discount.
- (3) The customer must demonstrate to the Company's satisfaction that, absent the availability of this EDR, the qualifying new or increased electrical demand would be located outside of the Company's service territory or would not be placed in service.

**TERMS AND CONDITIONS.**

- (1) The Company will offer the EDR to qualifying customers with new or increased load when the Company has sufficient generating capacity available. When sufficient generating capacity is not available, the Company will procure the additional capacity on the customer's behalf. The cost of capacity procured on behalf of the customer shall reduce on a dollar-for-dollar basis the customer's IBDD and SBDD. Such reduction shall be capped so that the customer's maximum demand charge shall be the non-discounted tariff demand charge. The reduction will be applied in reverse chronological order beginning with the most recent customer to receive discounted service under this tariff. Last customer to sign up for the EDR tariff would be the first customer responsible for paying the cost of incremental capacity purchases. In any year during the discount period in which the customer pays the full tariff demand charge for all twelve months, the Company will reduce the term of the contract by one year.
- (2) The new or increased load cannot accelerate the Company's plans for additional generating capacity during the period for which the customer receives a demand discount. Customers receiving Temporary Service are not eligible for this EDR.
- (3) To receive service under this EDR, the customer shall make written application to the Company with sufficient information contained therein to determine the customer's eligibility for service. At a minimum, such information will include:

(Conf'd on Sheet 37-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX



**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**TERMS AND CONDITIONS-(Cont'd).**

- a. A description and good faith estimate of the new or increased load to be served during each year of the contract,
  - b. The number of new employees or jobs that will be added as a result of the new load,
  - c. A description of the anticipated capital investment, and
  - d. A description of all other federal, state or local economic development tax incentives, grants, or any other incentives / assistance associated with the new or expanded project.
  - e. A statement that without the EDR discount, the customer would locate elsewhere or chose not to expand within Kentucky Power's service territory.
- (3) For new and existing customers, billing demands for which reductions will be for service at a new service location or expanded production at an existing facility and not merely the result of a change of ownership. Relocation of the delivery point of the Company's service, moving existing equipment from another KPCo-served location or load transfers from another KPCo-served location do not qualify as a new service location. Relocating existing facilities from within the Company's service territory shall not disqualify the customer from the IBDD as long as the new relocated facility exceeds the Base Maximum Billing Demand of the previous facility by the minimum required amount.
- (4) For existing customers, billing demands for which deductions will be applicable under this EDR shall be the result of an increase in business activity and not merely the result of resumption of normal operations following a force majeure, strike, equipment failure, renovation or refurbishment, or other such abnormal operating condition. In the event that such an occurrence has taken place prior to the date of the application by the customer for service under this EDR, the monthly Base Maximum Billing Demand shall be adjusted as appropriate for this analysis to eliminate the effects of such occurrence.
- (5) Service under the EDR will be offered under the applicable Tariff L.G.S., I.G.S. schedule. An EDR will be filed as a Special Contract and must be approved by the Kentucky Public Service Commission before it can be implemented. The total contract period is equal to twice the number of years for which the customer receives a demand discount. The special contract term will be for two (2), four (4), six (6), eight (8), and (ten) 10 years only.
- (6) The IBDD and the SBDD, if applicable, begin when the customer's new or expanded operations are billed for service under this Rider. Temporary jobs created during the construction of new facilities or the expansion phase of existing operations are not eligible to be counted as permanent jobs for the purposes of this EDR.
- (7) If construction of new or expanded local distribution and/or transmission related facilities by the Company is required in order to provide the additional service, the customer may be required to make a contribution-in-aid of construction (CIAC) for the installed cost of such facilities pursuant to the provisions of the Company's Terms and Conditions of Service. The total cost of the CIAC, including gross-up by the effect of applicable taxes, will be recovered over the life of the EDR contract period, with no less than 80% recovered during the period for which the customer receives a demand discount. If the customer breaches the terms of the contract or ends the contract prematurely, any unpaid contribution-in-aid of construction must be paid to the Company and any EDR discounts provided to the customer must be repaid to the Company. CIAC payment provided under this Rider supersedes the other payment provisions only in the Company's Terms and Conditions Sheet 2-5 Section 9.

(Cont'd on Sheet 37-3)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**TERMS AND CONDITIONS (Cont'd).**

- (8) The L.G.S., and I.G.S. tariffs each contain a monthly minimum billing demand charge provision. The minimum demand charge provision is waived for EDR customers for up to 36 months depending upon the length of the contract. The provision is waived for the first 36 months of a 10 year contract, the first 24 months of an 8 year contract and the first 12 months of a 6 year contract. If during the special contract discount period, the customer's monthly demand falls below the minimum billing demand level for four (4) consecutive months or six (6) months total in a contract year, then the EDR discount will not be applied and the appropriate tariff minimum billing demand charge provision will be in force until the customer achieves the minimum billing demand level. Applicable EDR discounts will be applied to the qualifying incremental maximum billing demand only and will appear as a separate line item on the customer's bill.

**DETERMINATION OF MONTHLY QUALIFYING INCREMENTAL BILLING DEMAND.**

For the purposes of this Rider, the monthly qualifying incremental billing demand will be calculated in the following manner:

Where the new qualifying incremental demand resides in new facilities (or separate facilities for existing customers), those facilities may be metered on a separate meter according to Tariffs L.G.S., I.G.S., for the current billing period and the incremental billing demand will be calculated based upon that facility's meter readings.

Where the new qualifying incremental demand resides in a customer's existing facility with sufficient service and metering capability to accommodate the business expansion, the qualifying incremental billing demand is equal to demand in excess of the Base Maximum Billing Demand. The Base Maximum Billing Demand for each billing month will be calculated by the Company as the average of the previous three years, corresponding month maximum billing demands, subject to Terms and Conditions Items (3) and (4), and will be agreed to by the customer in advance.

**DETERMINATION OF INCREMENTAL BILLING DEMAND DISCOUNT.**

Customers meeting all Availability of Service and Terms and Conditions above may contract for service for a period of up to ten (10) years, with a commensurate discount period of up to five (5) years. The (IBDD) for a ten (10) year contract follows:

- (a) For the twelve consecutive monthly billings of the first contract year, the qualifying incremental billing demand charge shall be reduced by 50% from the applicable tariff L.G.S., I.G.S., demand charge;
- (b) For the twelve consecutive monthly billings of the second contract year, the qualifying incremental billing demand charge shall be reduced by 40% from the applicable tariff L.G.S., I.G.S., demand charge;
- (c) For the twelve consecutive monthly billings of the third contract year, the qualifying incremental billing demand charge shall be reduced by 30% from the applicable tariff L.G.S., I.G.S., demand charge;

(Cont'd on Sheet 37-4)

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**DETERMINATION OF INCREMENTAL BILLING DEMAND DISCOUNT (Cont'd).**

- (d) For the twelve consecutive monthly billings of the fourth contract year, the qualifying incremental billing demand charge shall be reduced by 20% from the applicable tariff L.G.S., I.G.S., charge, but shall not be less than the applicable tariff rate schedule minimum billing demand;
- (e) For the twelve consecutive monthly billings of the fifth contract year, the qualifying incremental billing demand charge shall be reduced by 10% from the applicable tariff L.G.S., I.G.S., demand charge, but shall not be less than the applicable tariff rate schedule minimum billing demand; and
- (f) All subsequent monthly billings shall be at the full charges stated in the applicable tariff rate schedule for contract years six (6) through ten (10).

The starting point for the IBDD is dependent upon the length of contract: i.e., an eight (8) year contract will have four (4) years of discount beginning with the IBDD of 40% in year one (1). Similarly, a six (6) year contract will have three (3) years of discount beginning with the IBDD of 30% in year one (1).

**DETERMINATION OF SUPPLEMENTAL BILLING DEMAND DISCOUNT.**

At the Company's discretion, a (SBDD) which is applicable to the monthly incremental billing demand charge is available to customers meeting all Availability of Service and Terms and Conditions above, and that create at least twenty five (25) new permanent job opportunities in the facility and that maintain those job opportunities in each discount year. The amount of additional discount is determined by the actual number of jobs maintained in each year. The SBDD for a ten (10) year contract follows:

- (a) For the twelve consecutive monthly billings of the first contract year, the qualifying incremental billing demand charge shall be reduced an additional 5% for an increase of at least 50 jobs or 2.5% for an increase of at least 25 jobs;
- (b) For the twelve consecutive monthly billings of the second contract year, the qualifying incremental billing demand charge shall be reduced 4.5% for at least 50 jobs or 2.0% for at least 25 jobs.
- (c) For the twelve consecutive monthly billings of the third contract year, the qualifying incremental billing demand charge shall be reduced an additional 4% for an increase of at least 50 jobs or 1.5% for an increase of at least 25 jobs;
- (d) For the twelve consecutive monthly billings of the fourth contract year, the qualifying incremental billing demand charge shall be reduced an additional 3.5% for an increase of at least 50 jobs or 1.0% for an increase of at least 25 jobs;

(Cont'd on Sheet 37-5)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

**TARIFF E.D.R. (Cont'd)**  
**(Economic Development Rider)**

**DETERMINATION OF SUPPLEMENTAL BILLING DEMAND DISCOUNT (Cont'd).**

- (e) For the twelve consecutive monthly billings of the fifth contract year, the qualifying incremental billing demand charge shall be reduced an additional 3% for an increase of at least 50 jobs or 0.5% for an increase of at least 25 jobs; and
- (f) All subsequent monthly billing shall be at the full charges stated in the applicable tariff rate schedule for contract years six (6) through ten (10)

The length of the SBDD shall be identical to the length of the IBDD. The starting point for the discount will be commensurate with the contract length, i.e., an eight (8) year contract will have four (4) years of discount with the SBDD of either 4.5% or 2.0% as appropriate in year one (1).

The appropriate discount(s) shall be applicable over a period of up to 60 consecutive billing months beginning with the first such month following the end of the start-up period. The start-up period shall commence with the effective date of the contract addendum for service under this EDR and shall terminate by mutual agreement between the Company and the customer. In no event shall the start-up period exceed 12 months.

**TERMS OF CONTRACT.**

A contract or agreement addendum for service under this Rider, in addition to service under Tariffs L.G.S., I.G.S., shall be executed by the customer and the Company for the time period which includes the start-up period and the multi-year period during which a Total Demand Charge discount is in effect and an equal multi-year period during which the customer agrees to pay the full rates in the applicable Tariff rate schedule.

At a minimum, the contract or agreement addendum shall specify the Base Maximum Billing Demand, the anticipated annual total qualifying demand, the Adjustment Factor and related provisions to be applicable under this Rider, and the effective date for the contract addendum.

The customer may discontinue service under this Rider before the end of the contract or agreement addendum only by reimbursing the Company for any and all demand reductions received under this Rider when billed at the applicable tariff schedule rate.

**SPECIAL TERMS AND CONDITIONS.**

Except as otherwise provided in this Rider, written agreements shall remain subject to all of the provisions of the applicable tariffs. This Rider is subject to the Company's Terms and Conditions of Service.

(Cont'd on Sheet No. 37-6)

DATE OF ISSUE: June 28, 2017

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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**TARIFF E.D.R. (Cont'd)  
(Economic Development Rider)**

**SPECIAL PROVISION FOR CUSTOMERS ENGAGED IN COAL EXTRACTION OR PROCESSING ACTIVITIES.**

Customers engaged in coal extraction or processing activities may receive IBDD for a one-year period or a two-year period upon the terms and conditions of this tariff, except as expressly provided below, by executing a special economic development rider agreement:

<b>One-Year Economic Development Rider Agreement</b>	
<b>Contract Year</b>	<b>IBDD</b>
1	10%

<b>Two-Year Economic Development Rider Agreement</b>	
<b>Contract Year</b>	<b>IBDD</b>
1	20%
2	10%

Customers may reduce in whole or part the incremental billing demand that is the subject of the Economic Development Rider agreement at the expiration of the term of the Economic Development Rider agreement without further obligation. Customers wishing to maintain in whole or part the Economic Development Rider agreement billing demand following the expiration of the agreement shall enter into a new agreement for the incremental billing demand. Such incremental billing demand shall be subject to the applicable full tariff billing demand rate.

Nothing in this provision shall prevent the Company from entering into a special contract, subject to Commission approval, addressing requests to maintain existing load.

This Special Provision for Customers Engaged in Coal Extraction or Processing Activities shall expire on December 31, 2017.

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ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2017-00179 Dated XXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 38-1  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 38-1

~~BIG SANDY RETIREMENT RIDER-DECOMMISSIONING RIDER~~  
 -(B.S.R.R.) (D.R.)

APPLICABLE.

To Tariffs R.S., R.S.D., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D.2, ~~S.G.S.~~ G.S., S.G.S.-T.O.D., ~~M.G.S.~~ M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., Pilot K-12 School, I.G.S., C.S.- I.R.P., M.W., O.L., and S.L.,

RATE.

1. Pursuant to the final order of the Kentucky Public Service Commission in Case No. 2012-00578 and the Stipulation and Settlement Agreement dated July 2, 2013 as filed and approved by the Commission, Kentucky Power Company is to recover from retail ratepayers the coal-related retirement costs of Big Sandy Unit 1, the retirement costs of Big Sandy Unit 2 and other site-related retirement costs that will not continue in use on a levelized basis, including a weighted average cost of capital (WACC) *as set in the Company's most recent Rate Case* carrying cost over a 25 year period *beginning with the date rates became effective in Case No. 2014-00396*. The term "Retirement Costs" as used in this agreement are defined as and shall include the net book value, materials and supplies that cannot be used economically at other plants owned by Kentucky Power, and removal costs and salvage credits, net of related ADIT. Related ADIT shall include the tax benefits from tax abandonment losses.
2. The allocation of the actual revenue requirement (ARR) between residential and all other customers shall be based upon their respective contribution to total retail revenues for the most recent twelve month period, ending June 30 according to the following formula:

$$\text{Residential Allocation RA}(y) = \text{ARR}(y) \times \frac{\text{KY Residential Retail Revenue RR}(b)}{\text{KY Retail Revenue R}(b)}$$

$$\text{All Other Allocation OA}(y) = \text{ARR}(y) \times \frac{\text{KY All Other Classes Retail Revenue OR}(b)}{\text{KY Retail Revenue R}(b)}$$

Where:

(y) = the expense year;

(b) = Most recent available twelve month period ended June 30.

3. The Residential ~~B.S.R.R.~~ D.R. Adjustment shall provide for annual adjustments based on a percent of total revenues, according to the following formula:

$$\text{Residential } \del{\text{B.S.R.R.}} \text{ D.R. Adjustment Factor} = \frac{\text{Net Annual Residential Allocation NRA}(y)}{\text{Residential Retail Revenue RR}(b)}$$

Where:

$$\text{Net Annual Residential Allocation NRA}(b) = \text{Annual Residential Allocation RA}(y), \text{ net of Over/ (Under) Recovery Adjustment;}$$

$$\text{Residential Retail Revenue RR}(b) = \text{Annual Retail Revenue for all KY residential classes for the year (b).}$$

(Cont'd on Sheet No. 38-2)

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXXX

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 38-2  
CANCELLING P.S.C. KY. NO. 11 SHEET NO. 38-2

~~BIG SANDY RETIREMENT RIDER (CONT'D)~~ *DECOMMISSIONING RIDER*  
~~(B.S.R.R.) (D.R.) (Cont'd)~~

RATE. (Cont'd)

- 4. The All Other Classes ~~B.S.R.R.~~ *D.R.* Adjustment shall provide for annual adjustments based on a percent of non-fuel revenues, according to the following formula:

$$\text{All Other Classes } \del{B.S.R.R.} \text{ } D.R. \text{ Adjustment Factor} = \frac{\text{Net Annual All Other Allocation NOA (y)}}{\text{All Other Classes Non-Fuel Retail Revenue ONR(b)}}$$

Where:

$$\text{Net Annual All Other Allocation NOA(y)} = \text{Annual All Other Allocation OA(y), net of Over/ (Under) Recovery Adjustment;}$$

$$\text{All Other Classes Non-Fuel Retail Revenue ONR(b)} = \text{Annual Non-Fuel Retail Revenue for all classes other than residential for the year (b).}$$

- 5. The annual ~~Big Sandy Retirement Rider~~ *Decommissioning Rider* adjustments shall be filed with the Commission no later than August 15<sup>th</sup> of each year before it is scheduled to go into effect on Cycle 1 of the October billing cycle, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
- 6. Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

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TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXXX

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 39-1  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 39-1

**BIG SANDY UNIT 1 OPERATION RIDER  
 (B.S.I.O.R.)**

D

**APPLICABLE:**

To Tariffs R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., Experimental R.S.-T.O.D. 2, S.G.S., S.G.S.-T.O.D., M.G.S., M.G.S.-T.O.D., L.G.S., L.G.S.-T.O.D., Pilot K-12 School, I.G.S., C.S.-I.R.P., M.W., O.L., and S.L.

**RATES:**

Tariff Class	\$/kWh	\$/kW
R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., and Experimental R.S.-T.O.D. 2	\$0.00330	--
S.G.S. and S.G.S.-T.O.D.	\$0.00272	--
M.G.S.	\$0.00141	\$0.34
M.G.S.-Recreational Lighting, M.G.S.-L.M.-T.O.D., and M.G.S.-T.O.D.	\$0.00283	--
L.G.S., L.G.S.-T.O.D. and Pilot K-12 School	\$0.00139	\$0.45
L.G.S.-L.M.-T.O.D.	\$0.00276	--
I.G.S. and C.S.-I.R.P.	\$0.00139	\$0.55
M.W.	\$0.00248	--
O.L.	\$0.00147	--
S.L.	\$0.00147	--

Tariff BSIOR includes all non-fuel operating expenses related to Big Sandy Unit 1 not otherwise included in Tariff S.S.C. or Tariff FAC. Tariff BSIOR shall also include a return on and of Big Sandy Unit 1 gas conversion capital when placed in service.

The kWh factor as calculated above will be applied to all billing kilowatt hours for those tariff classes listed above. The kW factor as calculated above will be applied to all on-peak and minimum billing demand kW for the MGS, LGS and IGS tariff classes.

The Big Sandy Unit 1 Operation Rider factors shall be modified annually to collect the approved annual level of Kentucky retail jurisdictional Big Sandy Unit 1 revenue requirement and any prior review period (over)/under recovery.

The Big Sandy Unit 1 Operation Rider factors shall be determined as follows:

For all tariff classes without demand billing:

$$\text{kWh Factor} = \frac{BSIE \times (BE_{Class} / BE_{Total}) + BSID \times (CP_{Class} / CP_{Total})}{BE_{Class}}$$

$$\text{kW Factor} = 0$$

For all tariff classes with demand billing:

$$\text{kWh Factor} = \frac{BSIE \times (BE_{Class} / BE_{Total})}{BE_{Class}}$$

$$\text{kW Factor} = \frac{BSID \times (CP_{Class} / CP_{Total})}{BD_{Class}}$$

(Cont'd on Sheet No. 39-2)

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DATE OF ISSUE: June 28, 2017

DATE EFFECTIVE: Service Rendered On And After July 29, 2017

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2017-00179 Dated XXXXXX



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 11 ORIGINAL SHEET NO. 39-2  
 CANCELLING P.S.C. KY. NO. 11 SHEET NO. 39-2

**BIG SANDY UNIT 1 OPERATION RIDER (CONT'D)**  
**(B.S.U.O.R.)**

**RATES (Cont'd)**

Where:

1. "BS1D" is the actual annual retail Big Sandy Unit 1 demand-related costs, plus any prior review period (over)/under recovery.
2. "BS1E" is the actual annual retail Big Sandy Unit 1 energy-related costs, plus any prior review period (over)/under recovery.
3. "BE<sub>Class</sub>" is the historic annual retail jurisdictional billing kWh for each tariff class for the current year.
4. "BD<sub>Class</sub>" is the historic annual retail jurisdictional billing kW for each applicable tariff class for the current year.
5. "CP<sub>Class</sub>" is the coincident peak demand for each tariff class estimated as follows:

Tariff Class (1)	BE <sub>Class</sub> (2)	CP/kWh Ratio (3)	CP <sub>Class</sub> (4)=(2)x(3)
R.S., R.S.-L.M., T.O.D., R.S.-T.O.D., and Experimental R.S.-T.O.D.		0.0236060%	
S.G.S. and S.G.S.-T.O.D.		0.0163937%	
M.G.S.		0.0177002%	
M.G.S. Recreational Lighting, M.G.S.-L.M., T.O.D., and M.G.S.-T.O.D.		0.0177002%	
L.G.S., L.G.S.-T.O.D. and Pilot K-12 School;		0.0169381%	
L.G.S.-L.M., T.O.D.		0.0169381%	
I.G.S. and C.S.-I.R.P		0.0130626%	
M.W.		0.0134057%	
O.L.		0.0009431%	
S.L.		0.0009890%	
	BE <sub>Total</sub>		CP <sub>Total</sub>

6. "BE<sub>Total</sub>" is the sum of the BE<sub>Class</sub> for all tariff classes.
7. "CP<sub>Total</sub>" is the sum of the CP<sub>Class</sub> for all tariff classes.

The factors as computed above are calculated to allow the recovery of Uncollectible Accounts Expense of 0.3% and the KPSC Maintenance Fee of 0.1952% and other similar revenue-based taxes or assessments occasioned by the Big Sandy Unit 1 Operation Rider revenues.

The annual Big Sandy Unit 1 Operation Rider factors shall be filed with the Commission ten (10) days prior to Cycle 1, with rates to begin with the August billing period, along with all necessary supporting data to justify the amount of the adjustments, which shall include data and information as may be required by the Commission.

Copies of all documents required to be filed with the Commission shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.

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