

P.S.C. Ky. No. 4

Cancels and Supersedes all Previous Schedules

**KENTUCKY POWER COMPANY**

**SCHEDULE OF TARIFFS,  
TERMS AND CONDITIONS OF SERVICE  
GOVERNING  
SALE OF ELECTRICITY**

In the entire territory served  
by Kentucky Power Company as  
stated on Sheet No. 1

<b>CHECKED</b> Energy Regulatory Commission  MAY 4 1979  by <i>B. Redmond</i> ENGINEERING DIVISION
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Issued by

Robert E. Matthews, Executive Vice President  
Ashland, Kentucky

Issued December 20, 1978

Effective December 20, 1978

FUEL ADJUSTMENT CLAUSE

APPLICABLE.

To Tariffs R.S., G.S., L.P., C.P.O., L.C.P., H.T.P., T.P., M.W.D.O.L., F.S., E.H.G., S.S., and S.L.

RATE.

CHECKED Energy Regulatory Commission by B. Matthews RATES AND TARIFFS

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

Adjustment Factor = F (m) / S (m) - F (b) / S (b)

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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. FB/SB 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 fuel related to 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 buyer 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. All fuel costs shall be based on weighted average inventory costing.
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 manufacture, 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 cost of substitute energy in the adjustment. Until such approval is obtained, in making the calculations of fuel cost (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 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 losses. Utility used energy shall not be excluded in the determination of sales (S).

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE November 20, 1979
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in

FUEL ADJUSTMENT CLAUSE (Cont'd)

- 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 for 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 Energy Regulatory Commission pursuant to the provisions of KRS 61.870 to 61.884.
- 11. As 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 adjustments it finds unjustified due to improper calculation or application of the charge or improper fuel procurement practices.
- 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 July, 1978 to be used as the base cost in Standard Fuel Adjustment Clause is:

$$\frac{\text{Fuel (July)}}{\text{Sales (July)}} = \frac{\$3,784,868}{314,017,105 \text{ KWH}} = \$.01205/\text{KWH}$$

This, as used in the Fuel Adjustment Clause, is 1.205 cents per kilowatt-hour.

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Energy Regulatory Commission  
DEC 17 1979  
by *B. Redmond*  
RATES AND TARIFFS

DATE OF ISSUE December 20, 1978

DATE EFFECTIVE November 20, 1979

ISSUED BY

*Robert E. Matthews*  
Robert E. Matthews

Executive Vice President

Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in

TARIFF R. S. (Residential Service)

AVAILABILITY OF SERVICE.

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

RATE.

Table with 4 columns: Rate Category, Quantity (kwhrs per month), Unit, and Price (¢ per kwhr). Rows include First (30 kwhrs, 7.420 ¢), Next (40, 6.177), Next (130, 4.133), Next (300, 2.966), Next (1000, 2.620), and Over (1500, 2.349).

MINIMUM CHARGE.

This tariff is subject to a minimum monthly bill of \$2.70 for each meter installed. The minimum monthly charge shall be subject to adjustments as determined under the "Fuel Clause".

PAYMENT.

Bills are due and payable at the main or branch offices of the company within 15 days of the mailing date.

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 No. 5-1 and 5-2 of this Tariff Schedule.

TERM.

Annual contract.

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SPECIAL TERMS AND CONDITIONS.

See 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.

This tariff is available for single phase service only. Where 3-phase power service is required and/or where motors or heating equipment are used for commercial or industrial purposes, the applicable power tariff will apply to such power service.

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 kwhrs in each block of the rate shall be multiplied by 2.

CHECKED Energy Regulatory Commission MAY 4 1979 by [Signature] ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978

ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in

FILED E.P.C. ELECTRIC NO. 4

JAN 3 1980

TARIFF RS-LM-TOD (Residential Load Management Time-of-Day Electric Service Schedule)

ENERGY REGULATORY COMMISSION

AVAILABILITY OF SERVICE.

Available to customers eligible for Tariff RS (Residential Service) energy storage or other load management devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space-heating furnaces and water heaters 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 one single-phase multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods. Commencement of service under this Tariff is subject to the availability of such meters.

TOD RATE.

For the service provided under this Tariff, the rate shall be:

- Service Charge . . . . . \$8.10 per month
Energy Charge
For all KWH used during the on-peak billing period . . . 3.640¢ per KWH
For all KWH used during the off-peak billing period. . . 2.320¢ per KWH

For the purpose of this Tariff, the on-peak billing period is defined as 7:00 a.m. to 11:00 p.m. local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as 11:00 p.m. to 7:00 a.m. for all weekdays and all 48 hours for all weekends, 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 during the hours of 11:00 p.m. and 7:00 a.m., local time, for all days of the week, each residence will be credited 0.860¢ per KWH for all KWH 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.

PAYMENT.

Bills are due and payable at the main or branch offices of the Company within 15 days of the mailing date.

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 No. 5-1 and 5-2 of this Tariff Schedule.

TERMS AND CONDITIONS.

See Terms and Conditions of Service.

SPECIAL TERMS AND CONDITIONS.

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 judgement 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.

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Energy Regulatory Commission
JAN 8 1980
by [Signature]
RATES AND TARIFFS

DATE OF ISSUE December 13, 1979 DATE EFFECTIVE January 1, 1980
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

**FILED**

E.R.C. ELECTRIC NO. 4

**JAN 3 1980**

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

**ENERGY REGULATORY  
COMMISSION**

AVAILABILITY OF SERVICE.

Available for a period limited to two years, as an experimental tariff to customers eligible for Tariff R. S. (Residential Service). Tariff R. S. - T. O. D. is for the purpose of conducting a time-of-day rate experiment designed to provide data to evaluate the costs and benefits of time-of-day pricing and its effects on the use of electricity by residential customers in the Company's service area. Customers that will be eligible for this tariff will be selected by the Company and will agree voluntarily to participate in the Company's residential time-of-day rate experiment.

This tariff is limited to no less than 50 or more than 150 customers and is subject to the availability of meters to measure energy consumption during the on-peak and off-peak billing periods, and meters to measure load characteristics, as specified by the Company

RATE.

For the service provided under this Tariff, the rate shall be:

Service Charge. . . . . \$8.10 per month  
Energy Charge  
For all KWH used during the on-peak billing period . . . 3.640¢ per KWH  
For all KWH used during the off-peak billing period. . . 2.320¢ per KWH

For the purpose of this Tariff, the on-peak billing period is defined as 7:00 a.m. to 11:00 p.m. local time, for all weekdays, Monday through Friday. The off-peak billing period is defined as 11:00 p.m. to 7:00 a.m. for all weekdays and all 48 hours for all weekends, Saturday and Sunday.

PAYMENT.

Bills are due and payable at the main or branch offices of the Company within 15 days of the mailing date.

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 No. 5-1 and 5-2 of this Tariff Schedule.

TERM.

Special contract.

TERMS AND CONDITIONS.

See Terms and Conditions of Service.

This Tariff is available for single phase service only.

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Energy Regulatory Commission  
JAN 8 1980  
by *B. Beckmond*  
RATES AND TARIFFS

DATE OF ISSUE December 13, 1979 DATE EFFECTIVE January 1, 1980

ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

TARIFF G.S. (General Service)

AVAILABILITY OF SERVICE.

Available for general service to customers purchasing their entire electrical requirements under this tariff. This tariff is available for alternating current service only.

RATE.

Table with 2 columns: Description of kWhrs and Rate per kWhr. Includes rows for 'Kwhrs equal to first 50 times kw of monthly billing demand' and 'Kwhrs in excess of 200 times kw of monthly billing demand'.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge of \$2.70. The minimum monthly charge shall be subject to adjustments as determined under the "Fuel Clause."

DELAYED PAYMENT CHARGE.

This tariff is net if account is paid in full within 15 days of date of bill. On all accounts not so paid an additional charge of 5% of the total amount billed (but not less than \$.10) will be made.

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 No. 5-1 and 5-2 of this Tariff Schedule.

CREDITS MODIFYING RATE.

Bills computed under the rate set forth herein will be modified by credits as follows:

(A) Delivery Voltage.

The rate set forth in this tariff is based upon the delivery and measurement of transformed energy. When the measurement of energy is made at the primary voltage of the transmission or distribution line serving the customer, the kwhrs as measured will be multiplied by .95.

(B) Equipment Supplied by Customer.

When the customer furnishes and maintains the complete substation equipment including any and all transformers and/or switches and/or other apparatus necessary for the customer to take his entire service at the primary voltage of the transmission or distribution line from which service is to be received, a credit of \$ .21 per kw of monthly billing demand will be applied to each monthly net bill.

MEASUREMENT OF ENERGY AND DETERMINATION OF DEMAND.

Customer's demand shall be taken monthly to be the highest registration of a 15-minute intergrating demand meter or indicator, or the highest registration of a thermal type demand meter. No billing demand shall be registered in excess of 2.5 kw.

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Stamp: MAY 4 1979, by [Signature], ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

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

Any industrial and coal mining customer contracting for 3 phase service after October 1, 1959 shall contract for capacity sufficient to meet their normal maximum requirements in kw, but now less than 10 kw. Monthly billing demands of these customers shall not be less than 60% of contract capacity and the minimum monthly charge shall be \$2.70 per kw of monthly billing demand, subject to applicable equipment credit.

The company shall have the option of reading meters monthly or bimonthly and rendering bills accordingly for customers billed on basis of minimum monthly demand of 2.5 kw. When bills are rendered bimonthly the minimum charge and the quantity of kWhrs in each block of the rate shall be multiplied by 2.

TERM OF CONTRACT.

Annual.

SPECIAL TERMS AND CONDITIONS.

See Terms and Conditions of Service.

This tariff is also available to customers having other sources of energy supply but who desire to purchase 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 3 kw. The company shall not be obligated to supply demands in excess of that contracted for. In the event that the customer's actual demand, as determined by demand meter or indicator, in any month exceeds the amount of his then existing contract demand, the contract demand shall then be increased automatically to the maximum demand so created by the customer. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the contract demand instead of the billing demand defined under paragraph "Measurement of Energy and Determination of Demand" and the minimum charge shall be as follows instead of the minimum charge set forth under paragraph "Minimum Charge" above:

First 3 kw or fraction thereof of contract demand.....\$14.60 per month

Each kw of contract demand in excess of 3 kw.....\$ 2.92 per month per kw

This tariff is available for resale service to legitimate electric public utilities and 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 his entire camp or village requirements.

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CHECKED  
Energy Regulatory Commission  
MAY 4 1979  
by B. Redmond  
ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978  
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky  
NAME TITLE ADDRESS

TARIFF L. P. (Large Power)

AVAILABILITY OF SERVICE.

Available for general service. Customers shall contract for a definite amount of electrical capacity in kilovolt-amperes, which shall be sufficient to meet normal maximum requirements but in no case shall the capacity contracted for be less than 50 kva. 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 25 kva.

RATE.

Kwhrs equal to the first 30 times the kva of monthly billing demand...6.843¢ per kwhr.

Kwhrs equal to the next 170 times the kva of monthly billing demand as follows:

Table with 2 columns: Kwhrs range and Rate (¢ per kwhr). Rows include: First 3,000 Kwhrs (3.832), Next 3,000 Kwhrs (3.566), Next 4,000 Kwhrs (3.300), Next 10,000 Kwhrs (3.035), Next 80,000 Kwhrs (2.769), All over 100,000 Kwhrs (2.504).

Kwhrs equal to the next 160 times the kva of monthly billing demand..1.986
Kwhrs in excess of 360 times the kva of monthly billing demand..1.721

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge of \$1.73 per kva of monthly billing demand. The minimum monthly charge so determined shall be subject to (a) adjustments as determined under the "Fuel Clause", (b) adjustments as determined under clauses entitled "Delivery Voltage" and "Equipment Supplied by Customer".

DELAYED PAYMENT CHARGE.

This tariff is net if account is paid in full within 20 days of date of bill. On all accounts not so paid, an additional charge of 2% of the total amount billed will be made.

BILLING DEMAND.

Billing demand in kva 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, divided by the average monthly power factor established during the month corrected to the nearest kva. Monthly billing demand established hereunder shall not be less than the customer's contract capacity except that where the customer purchases his entire requirements for electric light, heat and power under this tariff the monthly billing demand shall not be less than 60% of the contract capacity. In no event shall the monthly billing demand be less than 50 kva.

DELIVERY VOLTAGE.

The rate set forth in this tariff is based upon the delivery and measurement of energy at standard distribution voltages established by the company of not less than a nominal voltage of approximately 2,400 volts nor more than a nominal voltage of approximately 34,500 volts. For the delivery and measurement of energy at a voltage less than the voltage of established distribution lines operating within these limits an additional charge will be made of \$.21 per month per kva of monthly billing demand.

EQUIPMENT SUPPLIED BY CUSTOMER.

When the customer owns, operates and maintains the customer's own equipment, including all transformers, switches, and other apparatus necessary for receiving and purchasing electric energy at the primary voltage of transmission lines operated at approximately 46,000 or 69,000 volts and when the customer owns all equipment beyond the delivery point of service, bills hereunder shall be subject to a credit of \$.34 per KVA of monthly billing demand.

Stamp: 9-80, CHECKED, MAY 4 1979, by B. Bestmond, ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in

TARIFF C. P. O. (Capacity Power - Optional)

AVAILABILITY OF SERVICE.

Available to commercial or industrial customers. Customers shall contract for a definite amount of electrical capacity in kilovolt-amperes, which shall be sufficient to meet normal maximum requirements but in no case shall the capacity contracted for be less than 50 kva. 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 25 kva.

RATE.

Kwhrs equal to the first 30 times the kva of monthly billing demand 7.012 ¢ per kwhr. Kwhrs " " " next 170 " " " " " " " " " as follows:

Table with 3 columns: Billing period, Rate per kwhr, and Unit. Rows include: First 3,000 kwhrs (3.913 ¢), Next 3,000 (3.639 ¢), Next 4,000 (3.367 ¢), Next 10,000 (3.093 ¢), Next 80,000 (2.820 ¢), All Over 100,000 (2.547 ¢), Kwhrs equal to the next 160 times the kva of monthly billing demand (2.024 ¢), Kwhrs in excess of 360 (1.752 ¢).

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge of \$2.70 per kva of monthly billing demand. The minimum monthly charge so determined shall be subject to (a) adjustments as determined under the "Fuel Clause," (b) credits as determined under clause entitled "Equipment Supplied by Customer."

DELAYED PAYMENT CHARGE.

This tariff is net if account is paid in full within 15 days of date of bill. On all accounts not so paid an additional charge of 2% of the amount of such bill will be made.

MEASUREMENT OF ENERGY AND DETERMINATION OF DEMAND.

Billing demand in kva shall be taken each month as the highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute intergrating demand meter or indicator, or at the company's option as the highest registration of a thermal type demand meter or indicator, divided by the average monthly power factor established during the month, corrected to the nearest kva. Monthly billing demand established hereunder shall not be less than the customer's contract capacity except that where the customer purchases his entire requirements for electric light, heat and power under this tariff, the monthly billing demand shall not be less than 60% of the customer's contract capacity, nor shall it be less than 50 kva.

CREDITS AND CHARGES MODIFYING RATE.

Bills computed under the rate set forth herein will be modified by debits or credits as follows:

A Power Factor.

The rate set forth in this tariff is based upon the maintenance by the customer of an average power factor of 85% for each month, as shown by integrating instruments. When the average monthly power factor is above or below 85% of the kwhrs as metered will, for billing purposes, be multiplied by the following constants:

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DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978 ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

TARIFF C. P. O. (Cont'd.)  
(Capacity Power - Optional)

CREDITS AND CHARGES MODIFYING RATE (Continued)

Average Monthly Power Factor	Constant
1.00	.951
.95	.965
.90	.981
.85	1.000
.80	1.023
.75	1.050
.70	1.0835
.65	1.1255
.60	1.1785
.55	1.2455
.50	1.3335

Constants for power factors other than given above will be determined from the same formula used to determine those given.

B Delivery Voltage.

The rate set forth in this tariff is based upon the delivery and measurement of transformed energy.

When the measurement of energy is made at the primary voltage of the transmission or distribution line used to supply the customer the energy as billed after power factor correction (See Paragraph A) will be multiplied by .95.

C Equipment Supplied by Customer.

When the customer furnishes and maintains the complete substation equipment including any and all transformers, switches and other apparatus necessary for the customer to take service at the voltage of the primary transmission or distribution line from which said customer is to receive service, the following credits in addition to that set forth in the next preceding paragraph will be applied to each monthly net bill.

Delivery Voltage	Credit per Kwa of Monthly Billing Demand
2,400 - 34,500	\$.21
46,000 - 69,000	\$.34

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 No. 5-1 and 5-2 of this Tariff Schedule.

TERM.

Variable contract, but not less than 1 year.

SPECIAL TERMS AND CONDITIONS.

This tariff is also available to customers having other sources of energy supply but who desire to purchase service from the company. Where such conditions exist the monthly billing demand shall not be less than the customer's contract capacity.

This tariff is not available to customers who resell in whole or in part energy supplied by the company.

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**CHECKED**  
Energy Regulatory Commission  
MAY 4 1979  
by B. Richmond  
ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978  
 ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky  
NAME TITLE ADDRESS

TARIFF L. C. P. (Large Capacity Power)

AVAILABILITY OF SERVICE.

Available for power service. Customers shall contract for a definite amount of electrical capacity in kilowatts which shall be sufficient to meet normal maximum requirements, but in no case shall the capacity contracted for be less than 1,000 kw. 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.

RATE.

Primary Portion:

First 1,000 kw of monthly billing demand as determined below..\$8.718 per kw
Next 3,000 kw of monthly billing demand.....\$8.028 per kw
All over 4,000 kw of monthly billing demand.....\$7.328 per kw

The customer shall be allowed 315 kWhrs for each kw of monthly billing demand billed hereunder.

Secondary Portion: Energy in excess of 315 kWhrs per kw of monthly billing \$.01651 per kWhr

Reactive Demand Charge:

For each kilovar of lagging reactive demand in excess of 50% of the kw of monthly billing demand..... \$ .34 per kvar

RATE ADJUSTMENT.

In any monthly period when metered kWhrs are less than 315 kWhrs per kw of monthly billing demand, the customer shall receive a credit on such deficiency in kWhrs at a rate of 1.089 cents per kWhr.

DELIVERY VOLTAGE.

The rate set forth in this tariff is based upon the delivery and measurement of energy at standard distribution voltages established by the company of not less than approximately 2,400 volts nor more than approximately 34,500 volts. Where service is delivered from lines operated at a nominal voltage of approximately 34,500 volts or less, service hereunder shall be delivered and measured at the primary voltage of the said line.

EQUIPMENT SUPPLIED BY CUSTOMER.

When the customer owns, operates, and maintains the complete substation equipment, including all transformers, switches and other apparatus necessary for receiving and purchasing electric energy at the primary voltage of transmission lines operated at voltages in excess of approximately 34,500 volts and when the customer owns all equipment beyond the delivery point of service, bills hereunder shall be subject to a credit of \$ .34 per kw of monthly billing demand.

DEMAND MEASUREMENT.

The billing demand in kw shall be taken each month as the highest single 30-minute integrated peak in kw as registered during the month by a demand meter or indicator, or, at the company's option, as the highest registration of a thermal type demand meter or indicator.

For service rendered July 20, 1979 thru July 19, 1980, the billing demand shall in no event be less than 50% of the contract capacity of the customer, nor less than 800 kw.

For service rendered July 20, 1980 and beyond the billing demand shall in no event be less than 60% of the contract capacity of the customer, not less than 1000 kw.

The reactive demand in kvars shall be taken each month as the highest single 30-minute integrated peak in kvars as registered during the month by a demand meter or indicator, or, at the company's option, as the highest registration of a thermal type demand meter or indicator.

Handwritten: 9-80, MAY 1981, Energy Regulatory Commission, by [Signature], ENGINEERING DIVISION, December 20, 1978

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in

TARIFF L. C. P. (Cont'd.)  
(Large Capacity Power)

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to: 60% of customer's contract capacity or 1,000 kw (whichever is greater) multiplied by \$1.57 per kw, subject to (a) adjustment in accordance with the Fuel Clause for actual kWhrs used and (b) adjustment for lagging reactive demand at the rate of \$ .34 for each kvar in excess of 50% of: 60% of customer's contract capacity or 1,000 kw (whichever is greater).

For service rendered July 20, 1979 and beyond, this schedule is subject to a minimum monthly charge equal to the primary portion of the rate set forth above as applied to the customer's monthly billing demand under the customer's contract, subject to (a) charges or credits in accordance with the "Fuel Adjustment Clause" for actual KWH used, (b) credits as determined under "Rate Adjustment", (c) "Reactive Demand Charges", and (d) credits as determined under clause entitled "Equipment Supplied by Customer."

PAYMENT.

This tariff is net if account is paid in full within 20 days of date of bill. On all accounts not so paid, an additional charge of 2% of the total amount billed will be made.

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 No. 5-1 and 5-2 of this Tariff schedule.

TERM OF CONTRACT.

Contracts under this tariff will be made for not less than 1 year with self-renewal provisions for successive periods of 1 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 make contracts for periods of longer than 1 year.

SPECIAL TERMS AND CONDITIONS.

See Terms and Conditions of Service.

This tariff is available to customers having other sources of energy supply.

This tariff is available for resale service to legitimate electric public utilities and 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 his power and camp requirements.

C 9-80

CHECKED  
Energy Regulatory Commission  
MAY 4 1979  
by *B. Richmond*  
ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978  
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky  
NAME TITLE ADDRESS

Issued by Authority of an Order of the Public Service Commission in

Case No. 7164, dated December 20, 1978.

TARIFF H. T. P. (High Tension Power)

AVAILABILITY OF SERVICE.

Available to industrial customers whose plants are located adjacent to existing transmission lines of the company when the company has sufficient capacity in generating stations and other facilities to supply the customer's requirements. The company reserves the right to specify the times at which deliveries hereunder shall commence.

The customer shall contract for a definite amount of electrical capacity which shall be sufficient to meet his normal maximum requirements and the company shall not be required to supply capacity in excess of that contracted for except by mutual agreement. Contracts hereunder will be made for minimum capacities of 9,000 kilovolt-amperes and in no event will the company supply capacity to any customer in excess of 80,000 kva.

MONTHLY BILLING DEMAND.

Monthly billing demand in kva shall be taken as measured demand (i.e., the highest single 30-minute integrated peak in kva as registered during the month by a demand meter), subject to a minimum monthly billing demand of the higher of the following:

- 1. 60% of the contract capacity of the customer
2. 9,000 kva

RATE.

Table with 2 columns: Rate Per Kva Per Month For 69 kv Delivery Voltage and For 138 kv Delivery Voltage. Rows include measured demand equal to or exceeds minimum, and measured demand less than minimum.

MINIMUM MONTHLY CHARGE.

This tariff is subject to minimum monthly charge of "Rate" as applied to minimum monthly billing demand under the customer's contract but not less than \$ 62,170 for 69 kv delivery voltage or \$ 60,275 for 138 kv delivery voltage, each subject to adjustments as determined under the "Fuel Adjustment Clause".

PAYMENT.

Bills computed under this tariff are due and payable within 15 days of date of bill. If customer does not make payment within 30 days of date of bill customer shall pay company interest on the total amount billed at the rate of 6% per annum from the due date to the date of payment.

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 No. 5-1 and 1-2 of this tariff schedule.

Handwritten number 9-80

CHECKED Energy Regulatory Commission MAY 4 1979 by [Signature] ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978 ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky



TARIFF M. W. (Municipal Waterworks)

AVAILABILITY OF SERVICE.

Available to incorporated cities and towns and authorized water districts and to utility companies operating under the jurisdiction of the Public Service Commission of Kentucky for the supply of electric energy to waterworks systems and sewage disposal systems. Customer shall contract with the company for a reservation of capacity in kilovolt-amperes sufficient to meet the maximum load which the company may be required to furnish.

RATE.

Table with 2 columns: Rate description (First 10,000 kWhrs used per month, Next 90,000, All over 100,000) and Rate (3.089 ¢ per kWhr, 2.371, 2.238)

PAYMENT.

Bills will be rendered monthly and will be due and payable on or before the 15th day from the date bills are mailed.

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 No. 5-1 and 5-2 of this Tariff Schedule.

MINIMUM CHARGE.

The above rate is subject to a minimum monthly charge of \$1.62 per kva of installed transformer capacity or its equivalent as determined from customer's total connected load. The minimum monthly charge shall be subject to adjustments as determined under the "Fuel Clause."

TERM OF CONTRACT.

Contracts under this tariff will be made for not less than 1 year with self-renewal provisions for successive periods of 1 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 year.

SPECIAL TERMS AND CONDITIONS.

See Terms and Conditions of Service.

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

Handwritten note: C 9-80

CHECKED Energy Regulatory Commission MAY 4 1979 by [Signature] ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978 ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in



TARIFF E. H. S. (Electric Heating Schools)

AVAILABILITY OF SERVICE.

Available to primary and secondary schools served under this tariff on September 23, 1974, and only at the premises then occupied by these customers for which the entire electrical requirements are continuously furnished by the company, and such electrical requirements include all cooling (if any) in the entire school and electric heating for all of (or an addition to) the school.

RATE.

First 500 kWhrs per month multiplied by the number of classrooms in entire school..... 4.507 ¢ per kWhr
Balance of kWhrs..... 2.400 ¢ per kWhr

Where every energy requirement, including, but not limited to, heating, cooling and water heating, of an individual school building or an addition to an existing school building including college and university buildings is supplied by electricity furnished by the company, all energy shall be billed at 2.400 ¢ per kWhr.

MINIMUM CHARGE.

\$ 15.95 per month

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 No. 5-1 and 5-2 of this Tariff Schedule.

SURCHARGE.

A Surcharge will be applied to the net amount of each monthly bill in accordance with the following schedule:

Table with 3 columns: Service rendered, Date range, and Percentage. Includes rows for May 19, 1978 through May 18, 1979 (20%), May 19, 1978 through May 18, 1980 (30%), and May 19, 1980 through May 18, 1981 (40%).

This tariff will terminate May 18, 1981.

DEFINITION OF CLASSROOM.

The term "classroom," for the purposes of determining billing under this tariff, shall be defined as any room used regularly for the instruction of pupils, including but not limited to general classrooms, industrial shops, domestic science rooms, music rooms, kindergartens and laboratories.

PAYMENT.

Bills are due and payable at the main or branch offices of the company within 15 days of the mailing date.

TERM OF CONTRACT.

Variable, but not less than one year.

SPECIAL TERMS AND CONDITIONS.

This tariff shall not apply to individual residences. Customer may elect to receive service for any individual building of a school complex under the terms of this tariff. Customer shall furnish company upon request information necessary to establish the number of classrooms to be used for billing purposes hereunder.

See Term and Conditions of Service.

Stamp: CHECKED Energy Regulatory Commission MAY 4 1979 by B. Beckmond ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978
ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky



TARIFF S. S.  
(School Service)

AVAILABILITY OF SERVICE.

Available to primary and secondary schools served under this tariff on September 23, 1974, and only at the premises then occupied by these customers for which the entire electrical requirements are continuously furnished by the company.

RATE.

All energy ..... 4.719 ¢ per kWhr

MINIMUM CHARGE.

\$ 3.25 per month

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 No. 5-1 and 5-2 of this Tariff Schedule.

SURCHARGE.

A Surcharge will be applied to the net amount of each monthly bill in accordance with the following schedule:

Service rendered	May 19, 1978	through	May 18, 1979.....	20 Percent
Service rendered	May 19, 1979	through	May 18, 1980.....	30 Percent
Service rendered	May 19, 1980	through	May 18, 1980.....	40 Percent

This tariff will terminate May 18, 1981.

PAYMENT.

Bills are due and payable at the main or branch offices of the company within 15 days of the mailing date.

TERM.

Annual contract.

SPECIAL TERMS AND CONDITIONS.

See Terms and Conditions of Service.

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**CHECKED**  
Energy Regulatory Commission  
  
MAY 4 1979  
by B. Ackmond  
ENGINEERING DIVISION

DATE OF ISSUE December 20, 1978 DATE EFFECTIVE December 20, 1978  
 ISSUED BY Robert E. Matthews Executive Vice President Ashland, Kentucky  
NAME TITLE ADDRESS

SURCHARGE TARIFF

APPLICABLE

Pursuant to the final order of Franklin Circuit Court in Civil Action No. 79-CI-0323, Kentucky Power Company will begin immediately to apply surcharges designed to enable recovery from each tariff class of customers, the revenue which, by reason of inadequacy of the rates appended to the order appealed from, it failed to collect during the period between December 20, 1978 and November 30, 1979.

Surcharge revenue for individual tariffs determined pursuant to the above named order are listed below.

This surcharge tariff will remain in effect until the full amount of revenue uncollected because of the inadequacy of the rates appended to and prescribed by said order is recovered.

These surcharges will be applied to bills rendered on and after effective date of this tariff.

TARIFF	TOTAL SURCHARGE AMOUNT TO BE COLLECTED	*SURCHARGE RATE DOLLARS PER KWH
RS	\$1,991,458	\$0.00112 R
EHG	117,747	0.01987 I
GS	947,446	0.00138 R
LP	71,972	0.00077 I
CPO	183,921	0.00043 R
LCP	416,207	0.00051 I
HTP	24,964	0.00021 I
TP	113,840	0.00013 I
MW	22,826	0.00097 I
EHS	68,394	0.00302 R
SS	153,939	0.06160 I
TOTAL	\$4,112,714	

\* If at any time during the 12-month collection period, the rate of kilowatt hour usage for any tariff class indicates an over or under collection of the authorized amount, the surcharge rate will be modified and the Energy Regulatory Commission will be notified.

*C 11/80*

RECORDED  
 Energy Regulatory Commission  
 OCT 19 1980  
 by *B. Redmond*  
 RATES AND TARIFFS

DATE OF ISSUE September 22, 1980 DATE EFFECTIVE September 25, 1980  
 ISSUED BY *Robert E. Matthews* Robert E. Matthews President Ashland, Kentucky

Issued by Authority of an Order of the Franklin Circuit Court in Civil Action 79-CI-0323, (EPC Case No. 7164) as Recorded in Franklin Circuit Clerk office on December 3, 1979.

SURCHARGE TARIFF

APPLICABLE

Pursuant to the final order of Franklin Circuit Court in Civil Action No. 79-CI-0323, Kentucky Power Company will begin immediately to apply surcharges designed to enable recovery from each tariff class of customers, the revenue which, by reason of inadequacy of the rates appended to the order appealed from, it failed to collect during the period between December 20, 1978 and November 30, 1979.

Surcharge revenue for individual tariffs determined pursuant to the above named order are listed below.

This surcharge tariff will remain in effect until the full amount of revenue uncollected because of the inadequacy of the rates appended to and prescribed by said order is recovered.

These surcharges will be applied to bills rendered on and after effective date of this tariff.

TARIFF	TOTAL SURCHARGE AMOUNT TO BE COLLECTED	*SURCHARGE RATE DOLLARS PER KWH
RS	\$1,991,458	\$0.00128 R
EHG	117,747	0.01474 I
GS	947,446	0.00139 R
LP	71,972	0.00045 R
CPO	183,921	0.00044 R
LCP	416,207	0.00045 R
HTP	24,964	0.00018 R
TP	113,840	0.00010 R
MW	22,826	0.00090
EHS	68,394	0.00305 I
SS	153,939	0.04768 I
TOTAL	\$4,112,714	

\* If at any time during the 12-month collection period, the rate of kilowatt hour usage for any tariff class indicates an over or under collection of the authorized amount, the surcharge rate will be modified and the Energy Regulatory Commission will be notified.

*C 10/80*

CHECKED  
 Energy Regulatory Commission  
 AUG 18 1980  
 by *B. Redmond*  
 RATES AND TARIFFS

DATE OF ISSUE July 24, 1980 DATE EFFECTIVE July 28, 1980  
 ISSUED BY Robert E. Matthews President Ashland, Kentucky

Issued by Authority of an Order of the Franklin Circuit Court in Civil Action 79-CI-0323, (ERC Case No. 7164) as Recorded in Franklin Circuit Clerk office on December 3, 1979.