

KENTUCKY POWER COMPANY
UNDERGROUND SERVICE PLAN
DIFFERENTIAL COST SCHEDULE

PRIMARY AND SECONDARY DISTRIBUTION SYSTEM (EXCEPT SERVICE LATERALS)

Charge - \$2.00 per foot of lot width

Credit for trenching & backfilling by Applicant -
\$1.25 per foot of lot width

SERVICE LATERALS FROM UNDERGROUND DISTRIBUTION SYSTEMS

Charge - \$2.50 per foot of trench length

Credit for trenching & backfilling by Applicant -
\$1.25 per foot of trench length

SERVICE LATERALS FROM OVERHEAD DISTRIBUTION SYSTEMS

Charge - \$2.50 per foot of trench length

Credit for trenching & backfilling by Applicant -
\$1.25 per foot of trench length

REPLACEMENT OF USEFUL OVERHEAD SERVICE DROP

Charge - \$100.00 for each replacement in addition to any
underground differential costs

MOBILE HOME PEDESTAL AND BREAKER ASSEMBLY

Charge - \$125.00 per Pedestal and Breaker assembly

C.6-83

FUEL ADJUSTMENT CLAUSE

APPLICABLE.

To Tariffs R.S., R.S.-L.M.-T.O.D., R.S.-T.O.D., G.S., L.G.S., Q.P., I.P., O.L., S.L., M.W.
 RATE.

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:

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

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. 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).

B. Redmond

DATE OF ISSUE June 8, 1981 DATE EFFECTIVE May 18, 1981

ISSUED BY Robert E. Matthews President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Energy Regulatory Commission in Case No. 7900, dated December 17, 1980.

C-1083

FUEL ADJUSTMENT CLAUSE

EFFECTIVE

APPLICABLE.

MAY 18 1981

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

PURSUANT TO 807 KAR 5:011 SECTION 9(1)

BY: *Jordan Noel*

RATE.

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:

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

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. 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 of transmission outages, but less the cost of 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 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 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 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 September 20, 1983 DATE EFFECTIVE May 18, 1981

ISSUED BY *Robert E. Matthews* President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Energy Regulatory Commission in Case No. 7900, dated December 17, 1980.

211-83

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 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 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 1982 to be used as the base Standard Fuel Adjustment Clause is:

$$\frac{\text{Fuel (July)}}{\text{Sales (July)}} = \frac{\$ 6,036,342}{346,899,000} = \$0.01740/\text{KWH}$$

This, as used in the Fuel Adjustment Clause, is 1.740 cents per kilowatt-hour.

Pursuant to the Public Service Commission order dated June 8, 1983 in Case No. 8589, the fuel adjustment charge rate for May and June, 1983 usage to be billed in July and August, 1983 shall be calculated using the base fuel cost of 1.433¢/KWH and 1.587¢/KWH respectively. Thereafter the fuel adjustment base cost shall be 1.740¢/KWH.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

JUL 1 1983

PURSUANT TO 807 KAR 5:011,
SECTION 9(1)

BY: *Jordan C. Neal*

DATE OF ISSUE July 1, 1983 DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY *Robert E. Matthews* President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Public Service Commission in Case No. 8589, dated June 8, 1983.

C-11-83

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 Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884. (T)
- 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 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 September, 1980 to be used as the base cost in Standard Fuel Adjustment Clause is: (T)

$$\frac{\text{Fuel (September)}}{\text{Sales (September)}} = \frac{\$ 4,669,834}{325,943,000 \text{ KWH}} = \$.01433/\text{KWH} \quad (I)$$

This, as used in the Fuel Adjustment Clause, is 1.433 cents per kilowatt-hour. (I)

Pursuant to the Public Service Commission order dated March 13, 1981 in Case No. 8058, the fuel adjustment charge rate for February and March, 1981 usage to be billed in April and May, 1981 shall be calculated using the base fuel cost of 1.205¢/Kwh and 1.319¢/Kwh respectively. Thereafter the fuel adjustment base cost shall be 1.433¢/Kwh. (N)

CHECKED
Public Service Commission

JUL 02 1981
by B. Richmond
RATES AND TARIFFS

DATE OF ISSUE April 1, 1981 DATE EFFECTIVE Bills rendered on or after April 1, 1981
 ISSUED BY Robert E. Matthews President Ashland, Kentucky
 Issued by Authority of an Order of the Public Service Commission in Case No. 8058,
 dated March 13, 1981.

C9-83

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.

Service Charge	PUBLIC SERVICE COMMISSION	\$3.35 per month
Energy Charge	OF KENTUCKY	
First 500 kWhrs per month	EFFECTIVE	4.474¢ per kwhr
Next 1000 kWhrs per month		3.974¢ per kwhr
Over 1500 kWhrs per month		3.775¢ per kwhr

JUL 1 1983

MINIMUM CHARGE.

The Service Charge.

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)

BY: *J.C. Neel*

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.

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.

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 rates shall be multiplied by two.

Pursuant to 807 KAR 5:041, Section 11, paragraph (5), of Public Service Commission Regulations, the Company will make an extension of 2,500 feet or less to its existing distribution line without charge for a prospective (permanent) residential customer served under this R.S. tariff.

DATE OF ISSUE July 1, 1983 DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY *Robert E. Matthews* President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Public Service Commission in Case No. 8589

dated June 8, 1983.

C-11-83

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.

Service Charge	\$3.35 per month
Energy Charge	
First 500 kWhrs per month	4.167¢ per kwhr
Next 1000 kWhrs per month	3.667¢ per kwhr
Over 1500 kWhrs per month	3.468¢ per kwhr

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MINIMUM CHARGE.

The Service Charge.

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.

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.

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 rates shall be multiplied by two.

Pursuant to 807 KAR 5:041, Section 11, paragraph (5), of Public Service Commission Regulations, the Company will make an extension of 2,500 feet or less to its existing distribution line without charge for a prospective (permanent) residential customer served under this R.S. tariff.

10-13-82

Pursuant to 807 KAR 5:011, Section 9(1)

DATE OF ISSUE October 13, 1982 DATE EFFECTIVE October 13, 1982
ISSUED BY Robert E. Matthews PRESIDENT PUBLIC SERVICE COMMISSION OF KY.
NAME ADDRESS
Robert E. Matthews Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982, as amended by Order dated October 13, 1982.

C 9-83

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

AVAILABILITY OF SERVICE.

Available to customers eligible for Tariff RS (Residential Service) who use 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.

RATE.

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

Service Charge	\$5.85 per month
Energy Charge	
For all kwh used during the on-peak billing period	5.163¢per kwh
For all kwh used during the off-peak billing period	3.104¢per kwh

(I)

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 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 1.316¢per kwh for all 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.

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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

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.

JUL 1 1983

PURSUANT TO 807 KAR 5-01-1, SECTION 9 (1)
BY: *J. Neal*

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 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.

DATE OF ISSUE July 1, 1983 DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY *Robert E. Matthews* President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Public Service Commission in Case No. 8589 dated June 8, 1983

C 11-83

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

AVAILABILITY OF SERVICE.

Available to customers eligible for Tariff RS (Residential Service) who use 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.

RATE.

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

Service Charge	\$5.85 per month
Energy Charge	
For all kwh used during the on-peak	
billing period	4.856¢ per kwh
For all kwh used during the off-peak	
billing period	2.797¢ 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 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 1.316¢ per kwh for all 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.

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.

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.

Pursuant to 807 KAR 5:011, Section 9(1)

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 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.

EFFECTIVE
9-17-82
[Signature]
PUBLIC SERVICE COMMISSION OF KY.

DATE OF ISSUE September 17, 1982 DATE EFFECTIVE September 17, 1982

ISSUED BY Robert E. Matthews President Ashland, Kentucky

NAME TITLE ADDRESS

C9-83

TARIFF RS - TOD
(Experimental Residential Service - Time-of-Day)

AVAILABILITY OF SERVICE.

Available for a period limited to two years, as an experimental tariff to customers eligible for Tariff RS (Residential Service). Tariff RS-TOD 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	\$5.85 per month
Energy Charge	
For all kwh used during the on-peak	
billing period	5.163¢ per kwh
For all kwh used during the off-peak	
billing period	3.104¢ per kwh

(I)

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.

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.

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, JUL 1 1983

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)

BY: J.C. Neal

DATE OF ISSUE July 1, 1983 DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY Robert E. Matthews NAME Robert E. Matthews TITLE President ADDRESS Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8589 dated June 8, 1983

11-83

TARIFF RS - TOD
(Experimental Residential Service - Time-of-Day)

AVAILABILITY OF SERVICE.

Available for a period limited to two years, as an experimental tariff to customers eligible for Tariff RS (Residential Service). Tariff RS-TOD 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	\$5.85 per month
Energy Charge	
For all kwh used during the on-peak	
billing period	4.856¢ per kwh
For all kwh used during the off-peak	
billing period	2.797¢ 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.

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.

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 **EFFECTIVE**

9-17-82

Pursuant to 807 KAR 5:011, Section 9(1)

PUBLIC SERVICE COMMISSION OF KY

DATE OF ISSUE September 17, 1982 DATE EFFECTIVE September 17, 1982

ISSUED BY Robert E. Matthews NAME Robert E. Matthews TITLE President ADDRESS Ashland, Kentucky

C 9-83

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.

Service Charge	
Non Demand Metered Customers	\$8.35 per month
Demand Metered Customers	\$9.45 per month

Energy Charge	
Kwhrs equal to first 50 times kw of monthly billing demand	6.067 ¢ per kwhr
Kwhrs equal to next 150 times kw of monthly billing demand	5.067 ¢ per kwhr
Kwhrs in excess of 200 times kw of monthly billing demand	4.037 ¢ per kwhr

(I)

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 unpaid balance 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 \$0.26 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 integrating demand meter or indicator, or the highest registration of a thermal type demand meter. No billing demand shall be taken as less than 2.5 kw.

PUBLIC SERVICE COMMISSION
OF KENTUCKY

EFFECTIVE

JUL 1 1983

MINIMUM CHARGE.

The Service Charge.

PURSUANT TO 807 KAR 5:011,
SECTION 9(1)

BY: *JC Neel*

DATE OF ISSUE July 1, 1983

DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY *Robert E. Matthews*
Robert E. Matthews

President

Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8589

dated June 8, 1983

C 11-83

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.

Service Charge		
Non Demand Metered Customers		\$8.35 per month
Demand Metered Customers		\$9.45 per month
Energy Charge		
Kwhrs equal to first 50 times kw of		
monthly billing demand	5.758 ¢ per kwhr	
Kwhrs equal to next 150 times kw of		
monthly billing demand	4.758 ¢ per kwhr	
Kwhrs in excess of 200 times kw of		
monthly billing demand	3.728 ¢ per kwhr	

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 unpaid balance 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 \$0.26 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 integrating demand meter or indicator, or the highest registration of a thermal type demand meter. No billing demand shall be taken as less than 2.5 kw.

MINIMUM CHARGE.

The Service Charge.

JUL 12 1982
by B. Richmond
RATES AND TARIFFS

DATE OF ISSUE July 2, 1982 DATE EFFECTIVE June 18, 1982
ISSUED BY Robert E. Matthews President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982.

C9-83

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 not 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 \$3.63 per kw of monthly billing demand, subject to applicable equipment credit and fuel adjustment clause, plus the service charge.

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 service 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 electrical 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:

Service Charge	\$ 9.45 per month
First 3 kw or fraction thereof of contract demand.....	\$ 17.92 per month
Each kw of contract demand in excess of 3 kw	\$ 3.60 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.

CHECKED
Public Service Commission

JUL 12 1982
by S. Redmond
RATES AND TARIFFS

DATE OF ISSUE July 2, 1982 DATE EFFECTIVE June 18, 1982
 ISSUED BY Robert E. Matthews President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982.

C-11-83

TARIFF Q.P. (Quantity 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.

Service Charge \$335.00 per month
Demand Charge \$ 5.4615 per kw
Energy Charge 2.090¢ per kw hr
Reactive Demand Charge
For each kilovar of lagging reactive demand in excess of 50% of the kw of monthly billing demand \$.41 per kvar

(I)

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 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 \$.41 per kw of monthly billing demand.

MONTHLY BILLING DEMAND.

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. The billing demand shall not exceed more than 60% of the contract capacity of the customer, nor 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.

PURSUANT TO 807 KAR 5:011, SECTION 9(1)

BY: J.C. Keel

DATE OF ISSUE July 1, 1983 DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY Robert E. Matthews President Ashland, Kentucky ADDRESS

Issued by Authority of an Order of the Public Service Commission in Case No. 8589

dated June 8, 1983

C 11-83

TARIFF Q.P.
(Quantity 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.

Service Charge	\$335.00 per month
Demand Charge	\$ 5.4615 per kw
Energy Charge	1.783¢ per kwhr
Reactive Demand Charge	
For each kilovar of lagging reactive demand in excess of 50% of the kw of monthly billing demand	\$.41 per kvar

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 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 \$.41 per kw of monthly billing demand.

MONTHLY BILLING DEMAND.

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. The billing demand shall in no event be less than 60% of the contract capacity of the customer, nor 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.

10-13-82

Pursuant to 807 KAR 5:011, Section 9(1)

DATE OF ISSUE	October 13, 1982	DATE EFFECTIVE	October 13, 1982
ISSUED BY	<u>Robert E. Matthews</u> Robert E. Matthews	TITLE	President
	NAME		ADDRESS
			Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8429, dated June 18, 1982, as amended by Order dated October 13, 1982.

C 9-83

TARIFF Q. P. (Cont'd.)
(Quantity Power)

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the sum of the service charge and the demand charge multiplied by the greater of (a) 1,000 kw, or (b) 60% of the customer's contract capacity.

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 unpaid balance 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.

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CHECKED
Public Service Commission
JUL 12 1982
by *B. Richmond*
RATES AND TARIFFS

DATE OF ISSUE July 2, 1982 DATE EFFECTIVE June 18, 1982
ISSUED BY Robert E. Matthews NAME President TITLE Ashland, Kentucky ADDRESS
Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982.

C-11-83

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

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.

Table with 2 columns: Description of charges and Rate. Includes Service Charge (\$62.00 per month), Energy Charge (6.596 ¢ per kwhr), and charges for excess kwhrs.

(I)

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the sum of the service charge plus \$ 3.40 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 5% of the unpaid balance will be made.

MONTHLY 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 or not less than a nominal voltage of approximately 2,400 volts nor more than the nominal voltage of approximately 34,500 volts. For the delivery and measurement of energy at any voltage less than the voltage of established distribution lines operating within these limits an additional charge will be made of \$.25 per month per kva of monthly billing demand.

PUBLIC SERVICE COMMISSION OF KENTUCKY

PURSUANT TO 807 KAR 5:011,

SECTION 9(1)

BY: [Signature]

DATE OF ISSUE July 1, 1983 DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY Robert E. Matthews President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8589

dated June 8, 1983

C 11-83

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

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.

Service Charge	\$62.00	per month	I
Energy Charge			
Kwhrs equal to the first 30 times the kva of monthly billing demand	6.281	¢ per kwhr	I
Kwhrs equal to the next 170 times the kva of monthly billing demand	4.038	¢ per kwhr	
Kwhrs in excess of 200 times the kva of monthly billing demand	3.134	¢ per kwhr	

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the sum of the service charge plus \$ 3.40 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 5% of the unpaid balance will be made.

MONTHLY 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 any voltage less than the voltage of established distribution lines operating within these limits an additional charge will be made of \$.25 per month per kva of monthly billing demand.

Public Service Commission
JUL 12 1982
by B. Richmond
RATES AND TARIFFS

DATE OF ISSUE July 2, 1982 DATE EFFECTIVE June 18, 1982
ISSUED BY Robert E. Matthews President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982.

C 9-83

TARIFF L. G. S. (cont'd.)

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 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 \$.39 per kva of monthly billing demand.

POWER FACTOR.

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

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.

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.

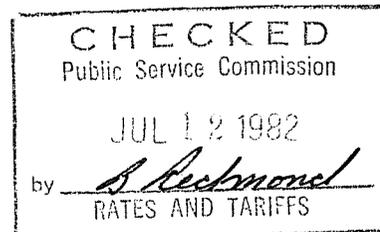
Variable but not less than 1 year.

SPECIAL TERMS AND CONDITIONS.

See Terms and Conditions of Service.

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 camp requirements.

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.



DATE OF ISSUE July 2, 1982 DATE EFFECTIVE June 18, 1982
 ISSUED BY Robert E. Matthews President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982.

C11-83

TARIFF I. P. (Industrial 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 150,000 kva.

RATE.

Table with 3 columns: Charge Type, Amount, and Unit. Includes Service Charge (\$2,612.00 per month), Demand Charge (\$5.0111 per kva), and Energy Charge (2.030¢ per kwh).

(I)

MONTHLY BILLING DEMAND.

The monthly billing demand in kva shall be taken each month at the highest single 30-minute integrated peak in kva as registered during the month by a demand meter. The billing demand shall in no event be less than 60% of the contract capacity of the customer, nor less than 9,000 kva.

DELIVERY VOLTAGE.

The rates set forth in this tariff are based upon the delivery and measurement of energy at subtransmission line voltage (34.5-69 kv). Company shall determine and advise customer which of its subtransmission lines will be utilized to deliver service hereunder and shall specify the voltage thereof.

If the customer takes delivery of voltages in excess of 69,000 volts, the demand charge as set forth above shall be reduced by \$.42 per kva.

Customer shall own, operate, and maintain all necessary substation equipment, including transformers and appurtenances thereto, for receiving and purchasing all electric energy. Company shall own, operate, and maintain necessary metering equipment.

POWER FACTOR.

The customer shall utilize and operate such equipment as will produce a power factor, both at the time of peak and throughout each month, of not less than 85% leading or lagging.

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.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the sum of the service charge and the demand charge multiplied by the greater of a) 9,000 kva or b) 60% of the customer's contract capacity.

PURSUANT TO 807 KAR 5:011, SECTION 9 (1)

BY: [Signature]

DATE OF ISSUE July 1, 1983

DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY Robert E. Matthews

President

Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8589

dated June 8, 1983

C 11-83

TARIFF I. P. (Industrial 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 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.

RATE.

Table with 3 columns: Service Charge, Demand Charge, Energy Charge and their respective rates per month, per kva, and per kw hr.

R I I

MONTHLY BILLING DEMAND.

The monthly billing demand in kva shall be taken each month at the highest single 30-minute integrated peak in kva as registered during the month by a demand meter.

DELIVERY VOLTAGE.

The rates set forth in this tariff are based upon the delivery and measurement of energy at subtransmission line voltage (34.5-69 kv).

If the customer takes delivery of voltages in excess of 69,000 volts, the demand charge as set forth above shall be reduced by \$.42 per kva.

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Customer shall own, operate, and maintain all necessary substation equipment, including transformers and appurtenances thereto, for receiving and purchasing all electric energy.

POWER FACTOR.

The customer shall utilize and operate such equipment as will produce a power factor, both at the time of peak and throughout each month, of not less than 85% leading or lagging.

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.

This tariff is subject to a minimum monthly charge equal to the sum of the service charge and the demand charge multiplied by the greater of a) 9,000 kva or b) 60% of the customer's contract capacity.

CHECKED Public Service Commission JUL 12 1982 by [Signature] RATES AND TARIFFS

DATE OF ISSUE July 2, 1982 DATE EFFECTIVE June 18, 1982 ISSUED BY Robert E. Matthews President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982.

C 9-83

TARIFF I. P. (Cont'd.)

DELAYED PAYMENT CHARGE.

Bills computed under this tariff are due and payable within 15 days of date of bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

TERMS OF CONTRACT.

Contracts under this tariff will be made for a term of years taking into consideration the size of the load, the location of the load, and the amount of facilities to be furnished by the company in serving the load, but contracts will not be made for initial periods of less than 3 years with self-renewal provisions for successive periods of at least 2 years each. Contracts may be cancelled or reduced in capacity by either party at the end of initial or renewal periods on a minimum of 12 months' prior written notice to the other party.

SPECIAL TERMS AND CONDITIONS.

See Terms and Conditions of Service.

CHECKED
Public Service Commission
JUL 12 1982
by *B. Beckmond*
RATES AND TARIFFS

DATE OF ISSUE July 2, 1982 DATE EFFECTIVE June 18, 1982
ISSUED BY Robert E. Matthews President Ashland, Kentucky

Issued by Authority of an Order of the Public Service Commission in Case No. 8429 dated June 18, 1982.

C 11-83

TARIFF O. L.
(Outdoor Lighting)

AVAILABILITY OF SERVICE.

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

MONTHLY RATE.

A. OVERHEAD LIGHTING SERVICE

- 1. Incandescent
 - 189 watts (2,500 Lumens) \$ 3.60 per lamp
 - This lamp is not available for new installations.
- 2. Mercury Vapor*
 - 175 watts (7,000 Lumens) \$ 4.65 per lamp
 - 250 watts (11,000 Lumens) \$ 6.15 per lamp
 - 400 watts (20,000 Lumens) \$ 7.70 per lamp
- 3. High Pressure Sodium
 - 100 watts (9,500 Lumens) \$ 4.85 per lamp
 - 200 watts (22,000 Lumens) \$ 7.45 per lamp

Company will provide lamp, photo-electric relay control equipment, luminaire 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

- 1. Mercury Vapor*
 - 175 watts (7,000 Lumens) on 12-foot post \$ 5.40 per lamp
- 2. High Pressure Sodium
 - 100 watts (9,500 Lumens) on 12-foot post \$ 8.60 per lamp

Company will provide lamp, photo-electric relay control equipment, luminaire, post, and installation including underground wiring for a distance of thirty feet from the Company's existing secondary circuits.

C. FLOODLIGHTING SERVICE

- 1. High Pressure Sodium
 - 200 watts (22,000 Lumens) \$ 8.90 per lamp
 - 400 watts (50,000 Lumens) \$12.00 per lamp

Company will provide lamp, photo-electric relay control equipment, luminaire, 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 charge, shall pay in advance the installation cost (labor and material) of such additional facilities.

*Ninety (90) days subsequent to the effective date of this tariff, mercury vapor luminaires will not be available for new installations.

The above high pressure sodium rates are applicable to new installations only. Where a customer requests replacement of a mercury vapor lamp with a high pressure sodium lamp, the customer will in addition to the above monthly charge, pay in advance the present value (average retirement cost per lamp size) of the existing mercury lamp installation as follows:

- 175 watts (7,000 lumens) mv lamp (including post top) \$55.40 per lamp
- 250 watts (11,000 lumens) mv lamp \$28.80 per lamp
- 400 watts (20,000 lumens) mv lamp \$17.10 per lamp

The present value charges will be reviewed every three (3) years beginning On March 24, 1986.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE
MAR 24 1983

C9-83

TARIFF O. L.
(Outdoor Lighting)

AVAILABILITY OF SERVICE.

Available for outdoor lighting to individual customers located outside areas covered by municipal street lighting systems.

RATE.

OVERHEAD LIGHTING SERVICE.

- A. For each 7000 lumen mercury lamp \$4.65 per lamp per month
 - For each 11000 " " " \$6.15 per lamp per month
 - For each 20000 " " " \$7.70 per lamp per month
- Company will provide lamp, photo-electric relay control equipment, luminaire and upsweep arm not over 6 feet in length, and will mount same on an existing pole carrying secondary circuits.

- B. For each 2500 lumen incandescent lamp \$3.60 per lamp per month
- This lamp not available for new installations.

- C. When new facilities, in addition to those specified in Paragraph A, are to be installed by the Company, the customer will in addition to the above monthly charge, pay in advance the installation cost (labor and material) of such additional facilities.

(T)

POST-TOP LIGHTING SERVICE.

- D. For each 7000 lumen mercury lamp on 12-foot post.. \$5.40 per month
- Company will provide lamp, photo-electric relay control, post-top luminaire, post, and installation including underground wiring for a distance of 30 feet from the Company's existing secondary circuits.

- E. When additional facilities, other than those specified in Paragraph D, are to be installed by the Company, the customer will in addition to the above monthly charge pay in advance the installation cost (labor and material) of such additional facilities.

(T)
(D)

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 computations are as follows:

	Mercury Vapor			Incandescent
	7,000 lumens	11,000 lumens	20,000 lumens	2,500 lumens
Jan	88	122	194	79
Feb	75	103	164	67
Mar	73	100	160	66
Apr	62	86	137	56
May	56	77	123	50
June	51	71	113	46
July	57	78	125	51
Aug	61	84	135	55
Sept	67	92	147	60
Oct	78	108	172	70
Nov	83	114	182	75
Dec	90	124	198	81

EFFECTIVE 9-1-82

Pursuant to 87 KAR 5:011 Section 9(1)

A. Richmond

PUBLIC SERVICE COMMISSION OF KY.

DATE OF ISSUE August 12, 1982 DATE EFFECTIVE September 1, 1982

ISSUED BY Robert E. Matthews President Ashland, Kentucky

NAME TITLE ADDRESS

C 3-83

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

DELAYED PAYMENT CHARGE.

A delayed payment charge on residential customer accounts will be applied pursuant to the delayed payment charge on Tariff RS. On all accounts other than residential not paid in full within 15 days of date of bill an additional charge of 5% of the unpaid portion will be made.

TERM OF CONTRACT.

For residential or farm customers - one year.
For commercial or general service customers - three years.

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 48 hours after notification by the customer to replace all burned-out lamps.

SPECIAL TERMS AND CONDITIONS.

See Terms and Conditions of Service.

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

EFFECTIVE

9-17-82

Pursuant to 807 KAR 5:011, Section 9 (1)

PUBLIC SERVICE COMMISSION OF KY.

DATE OF ISSUE September 17, 1982 DATE EFFECTIVE September 17, 1982
ISSUED BY Robert E. Matthews President Ashland, Kentucky
NAME TITLE ADDRESS

C 3-83

TARIFF S. L.
(STREET LIGHTING)

AVAILABILITY OF SERVICE.

Available for lighting service for 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.

MONTHLY RATE.

A. Overhead Service on Existing Distribution Poles

1. Mercury Vapor *

100 Watts (3,500 Lumens)	\$ 3.10	per lamp	(I)
175 Watts (7,000 Lumens)	\$ 3.90	per lamp	
250 Watts (11,000 Lumens)	\$ 4.95	per lamp	
400 Watts (20,000 Lumens)	\$ 5.85	per lamp	
700 Watts (30,000 Lumens)	\$ 8.60	per lamp	
1,000 Watts (50,000 Lumens)	\$ 10.35	per lamp	
4,000 Watts (4-50,000 Lumen Lights on One Pole)	\$ 27.35	per lamp	

2. High Pressure Sodium

70 Watts (5,800 Lumens)	\$ 3.80	per lamp	(I)
100 Watts (9,500 Lumens)	\$ 4.25	per lamp	
150 Watts (16,000 Lumens)	\$ 4.75	per lamp	
200 Watts (22,000 Lumens)	\$ 5.50	per lamp	
400 Watts (50,000 Lumens)	\$ 7.60	per lamp	

B. Overhead Service on Existing Special Metal or Concrete Poles - "Whiteway"

1. Mercury Vapor *

400 Watts (20,000 Lumens)	\$ 8.10	per lamp	(I)
700 Watts (30,000 Lumens)	\$ 11.30	per lamp	
1,000 Watts (50,000 Lumens)	\$ 13.05	per lamp	

C. Underground Service on Existing Special Metal Pole - Post Top

1. Mercury Vapor *

175 Watts (7,000 Lumens)	\$ 3.90	per lamp	(I)
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D. Service on New Wood Distribution Poles

1. High Pressure Sodium

70 Watts (5,800 Lumens)	\$ 6.30	per lamp	(I)
100 Watts (9,500 Lumens)	\$ 6.75	per lamp	
150 Watts (16,000 Lumens)	\$ 7.25	per lamp	
200 Watts (22,000 Lumens)	\$ 8.55	per lamp	
400 Watts (50,000 Lumens)	\$ 10.65	per lamp	

E. Service on New Metal or Concrete Poles

1. High Pressure Sodium

70 Watts (5,800 Lumens)	\$ 13.15	per lamp	(I)
100 Watts (9,500 Lumens)	\$ 13.60	per lamp	
150 Watts (16,000 Lumens)	\$ 14.10	per lamp	
200 Watts (22,000 Lumens)	\$ 17.95	per lamp	
400 Watts (50,000 Lumens)	\$ 18.65	per lamp	

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

* Ninety (90) days subsequent to the effective date of this tariff, mercury vapor lamps will not be available for new installations.

"Whiteway" is defined as a Street Lighting System where standards of Commission lights carry street lighting units and the street lighting circuit only. No distribution is carried on these standards.

CHECKED
Public Service Commission
 JUL 02 1981
 by *B. Ashmon*
RATES AND TARIFFS

DATE OF ISSUE April 1, 1981
ISSUED BY Robert E. Matthews

DATE EFFECTIVE Bills rendered on or after April 1, 1981
President Ashland, Kentucky

C 9-83

TARIFF S. L. (CONT'D)
 (STREET LIGHTING)

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 Computations are as follows:

	MERCURY VAPOR							HIGH PRESSURE SODIUM				
	100 Watts	175 Watts	250 Watts	400 Watts	700 Watts	1,000 Watts	4,000 Watts	70 Watts	100 Watts	150 Watts	200 Watts	400 Watts
Jan.	56	88	122	194	329	463	1,852	36	51	74	110	210
Feb.	47	75	103	164	279	392	1,568	31	43	62	93	178
Mar.	46	73	100	160	272	382	1,528	30	42	61	91	173
Apr.	39	62	86	137	232	326	1,304	26	36	52	77	148
May	35	56	77	123	208	293	1,172	23	32	47	69	133
June	32	51	71	113	192	269	1,076	21	30	43	64	122
July	36	57	78	125	212	297	1,188	23	33	47	71	135
Aug.	39	61	84	135	228	321	1,284	25	35	51	76	146
Sept.	42	67	92	147	249	349	1,396	27	38	56	83	158
Oct.	50	78	108	172	292	411	1,644	32	45	65	97	186
Nov.	52	83	114	182	309	434	1,736	34	48	69	103	197
Dec.	57	90	124	198	336	472	1,888	37	52	75	112	214

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.

PAYMENT.

Bills are due and payable at the main or branch offices of the Company within ten (10) days of the mailing date.

HOURS OF LIGHTING.

Hours of lighting will be approximately 4,000 hours per annum, based on lamps burning from one-half hour after sunset until one-half hour before sunrise, every night and all night.

EXISTING AGREEMENTS.

Existing street lighting agreements will terminate upon normal expiration date. Fuel Adjustment Clause is applicable to street lighting rates in existing agreements pursuant to the Kentucky Energy Regulatory Commission's order, [Changed to Public Service Commission March 1, 1981] dated October 31, 1979, in Case No. 7437.

Existing street lighting contracts specify that energy and maintenance only will be furnished to 17-20,000 lumen Mercury Vapor lights in the City of Prestonsburg and 16-20,000 lumen Mercury Vapor lights in the City of Ashland at a monthly rate of \$ 3.65 each. These lights are mounted on special bridge light standards which do not conform to normal street lighting installations. (I)

Street lighting agreements which were executed prior to filing our present S/L tariff provided for some 7,000 lumen mercury vapor lights to be billed at \$2.75/month provided they were installed on existing poles. This rate will be increased to \$2.90/month as authorized in Public Service Commission's Case No. 8058.

These special rates are applicable only to present customers as named above and will expire upon termination of existing agreements.

TERM.

Variable contract, but not less than one (1) year.

CHECKED
 JUL 02 1981
 by B. Richmond
 RATES AND TARIFFS

C9-83

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 that 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.

Service Charge	\$18.05 per month
Energy Charge	
First 10,000 kWhrs used per month	4.086¢ per kwhr
All Over 10,000 kWhrs used per month	3.586¢ per kwhr

(I)

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.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the sum of the service charge plus \$2.20 per kva as determined from customer's total connected load. The minimum monthly charge shall be subject to adjustments as determined under the Fuel Adjustment Clause. PURSUANT TO 807 KAR 5:011,

SECTION 9(1)

TERM OF CONTRACT.

BY: *J. E. Neal*

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.

DATE OF ISSUE July 1, 1983 DATE EFFECTIVE Bills rendered on or after July 1, 1983

ISSUED BY *Robert E. Matthews* Robert E. Matthews President Ashland, Kentucky
NAME TITLE ADDRESS

Issued by Authority of an Order of the Public Service Commission in Case No. 8589

dated June 8, 1983

C 11-83

